

2007

Eastern Illinois University Undergraduate Catalog 2007 - 2008

Eastern Illinois University

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Undergraduate Catalog

2007-2008

This catalog is presented to enable prospective students and others to learn about Eastern Illinois University. It includes information concerning admission, enrollment, policies, and program and course offerings for Academic Year 2007-08. However, its provisions are not to be regarded as irrevocable contractual commitments between the University and the student. The University reserves the right to change any provision or requirement contained in this publication at any time within the student's term of residence. For updated information on significant policy and curricular revisions, see the online catalog at <http://catalog.eiu.edu/>.

OPTIONAL CATALOG REQUIREMENTS: A native student may choose to graduate under the requirements stated in the Eastern Illinois University catalog current at the time of his/her entrance to the University or under the requirements stated in a subsequent catalog published prior to his/her graduation. An undergraduate transfer student may choose to graduate under the requirements stated in the Eastern Illinois University catalog current at the time he or she initially enrolled at another college or university provided that catalog did not precede his/her enrollment at Eastern Illinois University by more than three years. Such a student may choose to graduate under subsequent catalogs on the same basis as native students.

The catalog options for a student who was concurrently enrolled at any college while still enrolled in high school begin with the catalog in effect during the first semester of college enrollment subsequent to graduation from high school. In no case may a student combine or choose various requirements from several catalogs in order to achieve minimal curriculum.

THE STUDENT'S RESPONSIBILITY: Certain requirements must be met before a degree is granted. These requirements concern such things as courses, majors and minors, and residence. It is important for students to acquaint themselves with these requirements and to continue to keep themselves informed about them during their college careers. It is also necessary in the general administration of the University to establish policies and regulations. It is important that students understand the policies and regulations, which they are expected to follow. When changes are announced between catalog publications, they are published in the Official Notices at <http://www.eiu.edu/>.

ILLINOIS ARTICULATION INITIATIVE (IAI): Eastern Illinois University is a participant in the Illinois Articulation Initiative (IAI), a statewide agreement that allows transfer of the completed Illinois General Education Core Curriculum between participating institutions. Completion of the transferable General Education Core Curriculum at any participating college or university in Illinois assures transferring students that lower-division general education requirements for an associate or bachelor's degree have been satisfied. This agreement is in effect for students entering an associate or baccalaureate degree-granting institution as first-time freshmen in summer 1998 (and thereafter).

COMPLIANCE WITH HIGHER EDUCATION ACT, TITLE II, SEC.207: As required by federal law, Eastern Illinois University provides information on student performance on state teacher certification exams and other information about its teacher certification programs on the Web at <http://www.eiu.edu/ceps/title2>. A copy of this report may also be obtained by calling the College of Education and Professional Studies at (217) 581-2524.

COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT OF 1990: In accordance with the Americans with Disabilities Act (ADA), no individual shall be discriminated against on the basis of disability in the full and equal enjoyment of the goods, services, facilities, privileges, advantages, or accommodations of the University. Further, no qualified individual with a disability shall, by reason of such disability, be excluded from participation in or be denied the benefits of the services, programs, or activities of the University or be subjected to discrimination by the University.

Inquiries about accommodations for students should be directed to the Assistant Director of Disability Services at (217) 581-6583. Inquiries about accommodations for employees should be directed to the ADA Coordinator at (217) 581-3514. Questions about discrimination or harassment should be directed to the Office of Civil Rights at (217) 581-5020.

*Eastern also complies with the **Federal Drug Free Schools and Communities Amendment Act** (Public Law 101-226), and the **Federal Student Right-to-Know and Campus Security Act** (Public Law 101-542).*

CULTURAL DIVERSITY: America draws its strength and vitality from the diversity of its people. Eastern Illinois University is enriched by building a pluralistic campus that celebrates and draws upon the talents of all its students, faculty, and staff.

SEXUAL HARASSMENT AND NON-DISCRIMINATION POLICY: It is the policy of Eastern Illinois University that sexual harassment of one member of the campus community by another will not be tolerated. Additionally, sexual harassment is illegal, and may include conduct from one employee toward another or from one student to another. **Eastern Illinois University also provides equality of opportunity in education and employment for all students and employees.** Discrimination based upon race, color, sex, religion, age, national origin, ancestry, marital status, disability, Vietnam War veteran status, sexual orientation, or any other basis of discrimination precluded by federal and state statutes is strictly prohibited. For additional information concerning sexual harassment or discrimination, or to file a complaint, contact to the Civil Rights Office at (217) 581-5020.

ORAL ENGLISH PROFICIENCY: Eastern Illinois University has adopted a program of Oral English Proficiency Assessment for all instructional staff. Students who have difficulty understanding an instructor should, if possible, first consult with the instructor. In the event that the difficulties are not resolved, the student should address his/her concerns to the Chair of the department in which the instructor is teaching. Subsequent appeals may also be possible through the Dean and then to the Provost/Vice President for Academic Affairs.

RIGHT TO PRIVACY STATEMENT: Eastern Illinois University has enacted a comprehensive policy protecting the privacy rights of students as required by the Family Educational Rights and Privacy Act of 1974. Copies of the policy, "Privacy Rights of Eastern Illinois University Students," are available for inspection on the Office of the Registrar and Enrollment Management Website.

STUDENT CONDUCT CODE: Upon enrollment, students are held accountable to standards of conduct which exemplify personal integrity and ethical behavior, and which advance the mission of the University, its traditions and values. Those standards are codified in the Student Conduct Code, which is available online at <http://www.eiu.edu/~judicial>. Questions concerning student rights and responsibilities may be directed to the Judicial Affairs Office in the University Union at (217) 581-3827 or by email to judicial@eiu.edu.

eastern

EASTERN ILLINOIS UNIVERSITY

Undergraduate Catalog Fall 2007 – Summer 2008



108th Year

EASTERN ILLINOIS UNIVERSITY is a public comprehensive university that offers superior, accessible undergraduate and graduate education. Students learn the methods and results of free and rigorous inquiry in the arts, humanities, sciences, and professions, guided by a faculty known for its excellence in teaching, research, creative activity, and service. The University community is committed to diversity and inclusion and fosters opportunities for student-faculty scholarship and applied learning experiences within a student-centered campus culture. Throughout their education, students refine their abilities to reason and to communicate clearly so as to become responsible citizens and leaders.

This publication is available online at <http://catalog.eiu.edu/>.

Eastern Illinois University / 600 Lincoln Avenue / Charleston, IL 61920

HOW TO USE THE EIU CATALOG

Familiarize yourself with the contents of the EIU Catalog by reviewing the chapter summaries listed below. This section includes shortcuts to commonly requested information, as well as an at-a-glance list of the academic programs EIU offers. If you are looking for a specific topic, turn to the index at the end of this publication.

- I. **General Information**, page 8
Offers information on EIU's history, organization, and administration, as well as the University Foundation and the Alumni Association.
- II. **Admission, Readmission, and Enrollment**, page 9
Explains admission requirements and procedures for native, transfer, and international students.
- III. **Academic Regulations and Requirements**, page 13
Lists University-wide requirements for a bachelor's degree and explains academic policies such as grading, dismissal, class attendance, and withdrawal.
- IV. **General Education**, page 22
Explains the mission of EIU's general education program and details its requirements.
- V. **Study Abroad**, page 26
Identifies Study Abroad opportunities and responsibilities.
- VI. **Honors College**, page 27
Offers information on University and Departmental Honors Programs.
- VII. **Majors, Options, and Minors**, page 29
Provides an overview of the academic programs offered by each college/school.
- VIII. **Academic College Descriptions and Program Requirements**, page 30
Describes the missions of each of the academic colleges, details School of Business and teacher education admission requirements, and lists tenure-track faculty in each department. It also provides an alphabetized listing of majors, options, minors, and pre-professional programs and their requirements.
- IX. **School of Continuing Education**, page 110
Offers information on lifelong learning opportunities, including conferences and workshops.
- X. **Graduate School**, page 111
Lists available graduate degrees and graduate admission requirements.
- XI. **Course Descriptions**, page 113
Explains the course-numbering system, prerequisite policies, and the statewide course articulation system. Provides detailed descriptions of all regular courses offered by EIU.
- XII. **Services and Activities**, page 182
Directs the reader to further information on University services, student activities and organizations, expenses, financial aid, and scholarships.
- XIII. **Administrative and Instructional Staff**, page 184
Lists administrative staff by office and contains a university-wide alphabetical listing of instructional faculty.
- XIV. **Index**, page 195
In-depth alphabetized subject listing.

Eastern Illinois University

2007-08 Academic Calendar

Summer Term 2007

	<u>4-Week</u>	<u>6-Week</u>	<u>8-Week</u>
Late Registration Begins (\$25 late fee applies)	May 14	June 11	June 11
Classes Begin	May 14	June 11	June 11
Last Day to Add Courses	May 15	June 13	June 13
Last Day to Submit Audit or Credit/No Credit Requests	May 15	June 18	June 18
Count Day	May 15	June 18	June 18
Last Day to WITHDRAW FROM THE UNIVERSITY and be Eligible for Tuition & Fees Refund, Except Insurance* (4 p.m.)	May 15	June 18	June 18
Last Day to DROP A COURSE with NO GRADE (4 p.m.)	May 15	June 18	June 18
W for Course Withdrawal Begins	May 16	June 19	June 19
Memorial Day Observance - No Classes	May 28	n/a	n/a
Last Day to WITHDRAW FROM THE UNIVERSITY and be eligible for 50% Tuition & Fees Refund, Except Insurance	n/a	June 26	June 26
Independence Day Observance - No Classes	n/a	July 4	July 4
Last Day to Apply or Re-apply for Graduation	July 11	July 11	July 11
Last Day to WITHDRAW FROM A COURSE OR THE UNIVERSITY with W	June 1	July 11	July 20
Last Day to Remove Credit/No Credit Requests	June 1	July 11	July 20
Last Class Day (Monday - Friday Courses)	June 8	July 20	August 3
Last Class Day (Courses that meet Saturdays)	June 9	July 21	August 4
Final Examinations (Last Day Class Meets)	June 8, 9	July 20, 21	August 3, 4
Deadline to Return Rental Books to Textbook Rental Service without a FINE (4 p.m.)	August 6	August 6	August 6
Term Closes	June 13	July 25	August 8
Grades Due from Teaching Faculty (4 p.m.)	June 13	July 25	August 8
Last Day LATE TEXTBOOKS will be accepted WITH PAYMENT OF LATE FINES NO TEXTBOOKS WILL BE ACCEPTED AFTER THIS DATE	August 11	August 11	August 11

Please refer to your university housing contract for cancellation information and deadlines. Copies of the University Apartments, University Court, Residence Hall/Greek Court contracts are available at www.eiu.edu/~housing.

Fall Semester 2007

Last Day to CANCEL FALL CLASSES and Receive Full Refund	August 17
August Registration	August 20
Classes Begin/Late Registration (\$25 late fee)	August 20
[First-Half-Term Courses Begin]	August 20
Last Day to Add Courses	August 24
Last Day to Submit Audit Requests	August 28
Count Day	August 31
Last Day to WITHDRAW FROM THE UNIVERSITY OR TO REDUCE LOAD and be eligible for Tuition & Fees Refund, except Insurance* (4 p.m.)	August 31
Deadline to DROP HOURS AND NOT BE CHARGED (4 p.m.)	August 31
Last Day to Request Insurance Refund (if equal coverage)	August 31
Last Day to Submit Credit/No Credit Requests (4 p.m.)	August 31
Last Day to DROP A COURSE with NO GRADE (4 p.m.)	August 31
W for Course Withdrawal Begins	September 1
Lab Day Observance - No Classes	September 3
Last Day to WITHDRAW FROM THE UNIVERSITY and be Eligible for 50% Tuition & Fees Refund, except Insurance	September 17
[Last Day to Withdraw from FIRST-HALF- TERM Course with W]	September 21
Mid-Term	October 10
[Last Day to DROP with NO GRADE/ADD SECOND-HALF-TERM COURSES]	October 10
[Second-Half-Term Courses Begin]	October 11
Fall Break	October 12
Last Day to WITHDRAW FROM A COURSE OR THE UNIVERSITY with W	November 2
Last Day to Remove Credit/No Credit Requests	November 2
Last Day to Apply/Re-apply for Graduation	November 6
[Last Day to Withdraw from SECOND-HALF-TERM COURSE with W]	November 14
Thanksgiving Recess	November 19, 20, 21, 22, 23
Last Class Day	December 7
Final Examination Period	December 10, 11, 12, 13, 14
Deadline to Return Rental Books to Textbook Rental Service without a FINE (3 p.m.)	December 14
Commencement	December 15
Semester Closes	December 17
Grades Due from Teaching Faculty (3 p.m.)	December 17
Last Day LATE TEXTBOOKS accepted WITH PAYMENT OF LATE FINES	December 19
NO TEXTBOOKS WILL BE ACCEPTED AFTER THIS DATE	

Spring Semester 2008

Last Day to CANCEL SPRING CLASSES and Receive Full Refund	January 3
January Registration	January 7
Classes Begin/Late Registration (\$25 late fee)	January 7
[First Half Term Courses Begin]	January 7
Last Day to Add Courses	January 11
Last Day to Submit Audit Requests	January 15
Count Day	January 18
Last Day to WITHDRAW FROM THE UNIVERSITY OR TO REDUCE LOAD and be eligible for Tuition & Fees Refund, except Insurance* (4 p.m.)	January 18
Deadline to DROP HOURS AND NOT BE CHARGED (4 p.m.)	January 18
Last Day to Request Insurance Refund (if equal coverage)	January 18
Last Day to Submit Credit/No Credit Requests (4 p.m.)	January 18
Last Day to DROP A COURSE with NO GRADE (4 p.m.)	January 18
W for Course Withdrawal Begins	January 19
King's Birthday Observance - No Classes	January 21
Last Day to WITHDRAW FROM THE UNIVERSITY and be Eligible for 50% Tuition & Fees Refund, except Insurance	February 4
[Last Day to Withdraw from FIRST-HALF- TERM Course with W]	February 8
Lincoln's Birthday Observance - No Classes	February 15
Mid-Term	February 28
[Last Day to DROP with NO GRADE or ADD SECOND-HALF-TERM COURSES]	February 28
[Second-Half-Term Courses Begin]	February 29
Spring Recess	March 10, 11, 12, 13, 14
Last Day to Apply or Re-apply for Graduation	March 19
Last Day to Remove Credit/No Credit Requests	March 28
Last Day to WITHDRAW FROM A COURSE OR THE UNIVERSITY with W	March 28
[Last Day to Withdraw from SECOND-HALF-TERM COURSE with W]	April 3
Last Class Day	April 25
Final Examination Period	April 28, 29, 30, May 1, 2
Deadline to Return Rental Books to Textbook Rental Service without a FINE (3 p.m.)	May 2
Commencement	May 3
Semester Closes	May 5
Grades Due from Teaching Faculty (3 p.m.)	May 5
Last Day LATE TEXTBOOKS accepted WITH PAYMENT OF LATE FINES	May 9
NO TEXTBOOKS WILL BE ACCEPTED AFTER THIS DATE	

*Please refer to your university housing contract for cancellation information and deadlines. Copies of the University Apartments, University Court, Residence Hall/Greek Court contracts are available at www.eiu.edu/~housing.

Summer Term 2008

	<u>4-Week</u>	<u>6-Week</u>	<u>8-Week</u>
Late Registration Begins (\$25 late fee applies)	May 12	June 9	June 9
Classes Begin	May 12	June 9	June 9
Last Day to Add Courses	May 13	June 11	June 11
Last Day to Submit Audit or Credit/No Credit Requests	May 13	June 16	June 16
Count Day	May 13	June 16	June 16
Last Day to WITHDRAW FROM THE UNIVERSITY and be Eligible for Tuition & Fees Refund, Except Insurance* (4 p.m.)	May 13	June 16	June 16
Last Day to DROP A COURSE with <u>NO GRADE</u> (4 p.m.)	May 13	June 16	June 16
W for Course Withdrawal Begins	May 14	June 17	June 17
Memorial Day Observance - No Classes	May 26	n/a	n/a
Last Day to WITHDRAW FROM THE UNIVERSITY and be eligible for 50% Tuition & Fees Refund, Except Insurance	n/a	June 24	June 24
Independence Day Observance - No Classes	n/a	July 4	July 4
Last Day to Apply or Re-apply for Graduation	July 9	July 9	July 9
Last Day to WITHDRAW FROM A COURSE OR THE UNIVERSITY with <u>W</u>	May 30	July 9	July 18
Last Day to Remove Credit/No Credit Requests	May 30	July 9	July 18
Last Class Day (Monday - Friday Courses)	June 6	July 18	August 1
Last Class Day (Courses that meet Saturdays)	June 7	July 19	August 2
Final Examinations (Last Day Class Meets)	June 6, 7	July 18, 19	August 1, 2
Deadline to Return Rental Books to Textbook Rental Service without a FINE (4 p.m.)	August 4	August 4	August 4
Term Closes	June 11	July 23	August 6
Grades Due from Teaching Faculty (4 p.m.)	June 11	July 23	August 6
Last Day LATE TEXTBOOKS will be accepted WITH PAYMENT OF LATE FINES NO TEXTBOOKS WILL BE ACCEPTED AFTER THIS DATE	August 9	August 9	August 9

Please refer to your university housing contract for cancellation information and deadlines. Copies of the University Apartments, University Court, Residence Hall/Greek Court contracts are available at www.eiu.edu/~housing.

I. GENERAL INFORMATION

Accreditation

Eastern Illinois University is accredited through the specialist level by the Commission on Institutions of the North Central Association of Colleges and Schools and by the National Council for Accreditation of Teacher Education for the preparation of elementary and secondary teachers and school service personnel. In addition, the business programs offered by the Lumpkin College of Business and Applied Sciences are accredited by the Association to Advance Collegiate Schools of Business. The industrial technology programs are accredited by the National Association of Industrial Technology and the programs in Family and Consumer Sciences are accredited by The American Association of Family and Consumer Sciences, American Dietetic Association, and National Association for the Education of Young Children.

The programs in art are accredited by the National Association of Schools of Art and Design. The B.S. degree in Chemistry is accredited by the American Chemical Society. The B.S. degree in Family and Consumer Sciences is accredited by the American Association of Family and Consumer Sciences. The B.S. degree in Industrial Technology is accredited by the National Association of Industrial Technology. The B.A. degree in Journalism is accredited by the Council on Education in Journalism and Mass Communication.

The programs in music are accredited for the B.Mus. and M.A. by the National Association of Schools of Music. The B.S. degree in Physical Education with Athletic Training is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). The B.S. degree in Recreation Administration is accredited by the National Recreation and Parks Association. The programs in Theatre Arts are accredited by the National Association of Schools of Theatre (NAST). The programs in Communication Disorders and Sciences are accredited by the American Speech-Language-Hearing Association. Eastern's Counseling Service is accredited by the International Association of Counseling Services.

Organization of the University

Eastern Illinois University is governed by its own Board of Trustees. The President is responsible for the operation and general welfare of the University.

The University is organized into four areas, each headed by a vice president: Academic Affairs, Business Affairs, External Relations, and Student Affairs.

Board of Trustees of Eastern Illinois University

Appointed Members

Mr. Roger L. Kratochvil, Mt. Olive
Ms. Julie Nimmons, Litchfield
Mr. William O'Rourke, Springfield
Dr. Robert D. Webb, Mattoon
Mr. Leo Welch, O'Fallon
Mr. Donald Yost, Charleston

Student Member

Ms. Amanda Raz, Harwood Heights

Officers

Dr. Robert D. Webb, Chairperson
Mr. Roger L. Kratochvil, Vice Chairperson
Mr. Leo Welch, Secretary
Mr. William O'Rourke, Pro Tem
Ms. Judy Gorrell, Assistant Secretary
Mr. Jeffrey L. Cooley, Treasurer

Eastern Illinois University Chief Administrative Officers

President

Dr. William L. Perry

Provost and Vice President for Academic Affairs

Dr. Blair M. Lord

Vice President for Business Affairs

Mr. Jeffrey L. Cooley

Vice President for External Relations

Dr. Jill F. Nilsen

Vice President for Student Affairs

Dr. Daniel P. Nadler

The primary academic units include the College of Arts and Humanities; the Lumpkin College of Business and Applied Sciences; the College of Education and Professional Studies; the College of Sciences; the Graduate School; the Honors College; and the School of Continuing Education.

Faculty, staff, and students participate in University affairs through membership on the Faculty Senate, Student Senate, Staff Senate, and academic and administrative councils and committees. These groups, most of which have student and faculty members, consider and recommend policies and procedures to the President.

Location

Eastern Illinois University is located in Charleston, Illinois, the county seat of Coles County, in east central Illinois. The city has a population of approximately 20,000. Two state highways, 16 and 130, go through Charleston and provide access to Interstates 57 and 70. Amtrak service is provided through Mattoon, 10 miles from Charleston.

History

The University was established as Eastern Illinois State Normal School in 1895 by the Illinois General Assembly. In response to growth and change, the institution became Eastern Illinois State Teachers College in 1921, Eastern Illinois State College in 1947, and Eastern Illinois University in 1957. The University grants bachelor's, master's, and specialist's degrees.

The Campus

The University campus is located on 320 acres and consists of 72 buildings, including 12 residence halls and 17 apartment buildings. The University also owns wooded tracts near Charleston, which are used for nature study and life science research.

The Eastern Illinois University Foundation

The Eastern Illinois University Foundation was founded in 1953 under the laws of the State of Illinois as a not-for-profit organization. There are over 160 alumni and friends of the University who serve as members of the Foundation. The nine-member Board of Directors is elected from the general membership. The Foundation's purpose is to assist and support the University's educational and cultural mission through encouraging philanthropic gifts of money, property, works of art, and other materials having educational, artistic, or historical value. At June 30, 2003, Foundation assets totaled \$38,374,584. During the 2002-2003 year, the Foundation awarded 605 scholarships totaling \$552,233 and made payments to the University of more than \$437,430. The Neal Welcome Center, home of the Foundation, is located at 860 W. Lincoln Avenue in Charleston. The building, on the west edge of Charleston, also serves to welcome visiting students and their parents, providing printed materials as well as video introductions to the University's campus.

Eastern Illinois University Alumni Association

The EIU Alumni Association was established in 1905 as a means of allowing continuing involvement of graduates and former students in the development of their University. The organization has a number of broad objectives, which it has traditionally pursued. These include: sponsoring special events for alumni; assisting with homecoming, reunions, and similar activities; facilitating communication between alumni and the University; assistance in maintaining alumni records; and helping with fundraising and other initiatives which contribute to the welfare of the University.

Eastern Illinois University Parents Club

First formed in the fall of 1974, the Parents Club is an established and energetic organization at Eastern Illinois University. The purpose of the Parents Club is to act as a communication link between the University's administration and parents. Members help to increase the personal ties between the University and the parents by voicing their opinions on policy matters and other issues through the Parents Club board of directors. The Parents Club also selects worthwhile projects to benefit the students, their parents, and the University. Monies collected through membership

fees help fund the various projects. All parents and families are invited to join this worthy organization.

In 1985 the Parents Club established a scholarship program available to all Eastern undergraduates. That year, the club awarded one \$500 scholarship. The number of scholarships (20) and the amount of each award (\$850) have increased over the years. The club has now awarded over \$274,300 to 331 students.

II. ADMISSION, READMISSION, AND ENROLLMENT

ADMISSION POLICIES

Applications for admission to the University may be obtained by writing to: Office of Admissions, Eastern Illinois University, Charleston, Illinois 61920, or apply directly on the Internet at www.eiu.edu.

Acceptance of applications and granting of admissions are subject to completion of the application process. All applicants must have ACT or SAT scores submitted to the University. Official high school transcripts and official transcripts from all colleges and universities attended also must be submitted (See Admissions Procedures). Applications should be on file no later than 10 calendar days preceding registration for the term the student wishes to enroll. Since the University reserves the right to limit enrollment to available facilities and resources, earlier closing dates may be announced.

Applicants who choose not to attend EIU for the term listed on the application must notify the Office of Admissions in writing if they wish to be considered for a future term. Applications are retained for one semester past the enrollment date.

A Registration Permit to Enroll is mailed after an application has been processed and accepted. The Permit must be presented at the time the student enrolls. Mailed with the Registration Permit to Enroll is the University Health Service Immunization Record form. To be in compliance with State of Illinois Public Act 85-1315, which mandates proof of immunity to selected vaccine-preventable diseases, all new students born after January 1, 1957 must have this form completed by a nurse or doctor and returned to the University Health Service by the seventh week of class. Legislation requires that students not be allowed to register for a second semester if immunization requirements are not met. Housing applications must be sent to the Office of University Housing and Dining Services (See Living Accommodations) and may be made at any time even though an Application for Admission has not been filed or accepted. The Application for Housing does not constitute an Application for Admission, nor does the Application for Admission constitute an Application for Housing. Early submission of applications for admission and housing is encouraged, particularly for the Fall Semester.

Matriculation

Students who seek admission to the University do so for a specific academic semester and are admitted on that basis. As a general matter of practice, undergraduate students will be admitted for matriculation to the university in a degree program for the fall semester or for the spring semester. Students may also seek admission to the University for the summer semester and be admitted to a degree program at the discretion of the Director of Admissions provided that they meet the appropriate requirements and enroll full-time on campus for the summer of admission or they are admitted to a degree program with an approved curriculum specifying summer admission. A student admitted to a degree program may enroll prior to the semester of matriculation and take courses on a non-matriculated basis² with the non-matriculated student processing fee waived. An undergraduate student's participation in the Guaranteed Tuition Rate Plan will be determined by the semester of matriculation. Courses taken on a non-matriculated basis will be assessed tuition and fees in effect for continuing students at the time of enrollment.

² See the Non-matriculated Student statement in the Undergraduate Catalog.

High School Subject Requirements

College-Preparatory English: Four years of English, emphasizing composition, grammar, and literature. As much as one year of the requirement may be satisfied by two semesters in any combination of drama, debate, public speaking, or journalism.

College-Preparatory Mathematics: Three years of mathematics, including algebra, geometry, advanced mathematics, or computer programming.

College-Preparatory Science: Three years of natural sciences (biological and physical), with significant laboratory experiences.

College-Preparatory Social Studies: Three years of social studies, including one year of United States history and/or government.

Electives: Two years of academic or vocational electives.

The University will consider a flexible redistribution for up to three of the 15 units within the subject areas. No more than one unit each (for a total of three) from the categories of Social Studies, Mathematics, Science, and Electives may be redistributed to any of the other five categories of course work. No more than one unit may be applied to any one category to make up a deficiency. If flexible units are utilized, prerequisites for specific courses may not necessarily be met.

First-time freshman applicants and transfer applicants with fewer than 30 semester hours of acceptable credit who meet all criteria for admission except high school course-specific requirements may be admitted on a provisional basis if (1) they did not have an opportunity to complete the minimum college preparatory curriculum in high school.

The courses in which provisionally admitted students enroll must include courses in the high school subject areas in which course-specific requirements were not met. One three-hour college course is considered to be the equivalent of one year of high school work in a subject area. To remove provisional status in English, Mathematics, Science and/or Social Studies, students must complete at least three semester hours of course work with a grade of C or better for each year or fractional year of deficiency in a subject area. (Proficiency examination credit in accordance with University policy also is acceptable.) Courses used for this purpose must be selected from the list, which follows:

English Deficiency

English 1001G*	English 1002G*
English 2009G*	English 2011G*
English 3010G*	

Mathematics Deficiency

Mathematics 1271	Mathematics 1400
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Science Deficiency

Biological Sciences 1001G*	Biological Sciences 1003G*
Biological Sciences 1004G	Biological Sciences 2001G*
Chemistry 1040G	Earth Science/Geology 1300G*
Earth Science 1400G*	Physics 1052G
Physics 1051G	Physics 1151G, 1152G
Physics 1071, 1072	
Physics 1351G*, 1352G*	

Social Studies Deficiency

Anthropology 2200G*	College of Sciences 3001G
Economics 2800G	Economics 2801G*
Geography 1100G*	Geography 1200G*
History 2010*	History 2020*
History 3600*	Political Science 1003
Political Science 1153G*	Political Science 2253G*
Political Science 2603*	Psychology 1879G*
Sociology 2710G	Sociology 2750G*

* There is an honors version of this course.

Transfer students admitted on a provisional basis will be considered to have removed a deficiency if they received a grade of "C" or better in transfer work equivalent to at least three semester hours, or four quarter hours, for each year or fractional year of deficiency in a subject area.

High school deficiencies may be satisfied by satisfactory completion of a course in that subject area (See list above). In the case of deficiencies in English, English 1001G and 1002G may also be used to remove a deficiency. Any course from the above list used to satisfy a deficiency that is designated as part of the General Education Program may also be used toward the General Education requirement. Provisionally admitted students are expected to remove deficiencies by the end of the grading period in which they complete 44 semester hours. The academic records for students who still have a deficiency after 44 semester hours will be marked as unclear. Students with unclear records may not register until the hold has been cleared.

Students who graduated from high school or obtained a High School Equivalency Certificate through the General Education Development (GED) Test five or more years prior to entering the University are exempt from course-specific admission requirements. Students who graduated from high school or obtained a High School Equivalency Certificate less than five years prior to entering the University must meet the course-specific admission requirements.

Foreign Language

High school students are encouraged to study a foreign language prior to coming to EIU for two reasons. First, EIU requires that students complete two courses in a single foreign language in order to graduate. **High school students who have completed TWO YEARS in a single foreign language with a "C" average or better are exempt from this requirement.** Second, high school language study beyond two years gives students potential access to intermediate and upper-division placement in language courses at EIU that can be counted as General Education Humanities credit. In general, students who know a foreign language are better prepared to compete in the global marketplace, giving them an advantage over their non-bilingual peers.

Concurrent High School Enrollment

Students who have completed their junior year in a recognized high school may be eligible for concurrent enrollment at EIU. To be considered, students must have completed twelve acceptable units, rank in the upper twenty-five percent of their class, and obtain the recommendation of their principal.

In this program, college course enrollment is limited to eight semester hours for the summer preceding the high school senior year and four credit hours during the regular semesters of the senior year. Credits earned under this arrangement are held in escrow to be applied toward graduation requirements at EIU. Students are cautioned that such credit may not be acceptable to, nor transferable to, other educational institutions.

Those wishing to continue their enrollment at EIU after graduation from high school must complete the standard freshman admission process.

Graduates of Non-Accredited or Non-Recognized High Schools "Recognized" is defined to include secondary schools recognized by the Office of the Illinois State Superintendent of Instruction OR accredited by the North Central Association or one of the five other regional accrediting agencies.

Graduates of high schools which are neither regionally accredited nor recognized may not be considered for admission unless they have passed the General Education Development (GED) Test and obtained a High School Equivalency Certificate, or have scored within the University's accepted range on the ACT or SAT. For students who have been home schooled and do not present a recognized diploma, the GED requirement may be waived with an acceptable ACT or SAT score as determined by the Office of Admissions. Home-schooled students must also submit a transcript of all courses completed with grades listed for each class.

Beginning Freshmen

All admission criteria are listed as guidelines. They are minimum requirements and do not guarantee admission to the university. Applicants for admission to EIU are considered, dependent upon facilities and resources, from candidates who satisfy one of the following categories.

1. Rank in the top one quarter of their high school class based on six or more semesters or have a GPA of 3.00 (B or better)/4.00 scale AND have an ACT composite score of at least 18 (SAT 860).
2. Rank in the top one half of their high school class based on six or more semesters or have a GPA of 2.50/4.00 scale AND have an ACT composite score of at least 19 (SAT 910).
3. Rank in the top three quarters of their high school class based on six or more semesters or have a GPA of 2.25/4.00 AND have an ACT composite score of at least 22 (SAT 1020).

Applicants are considered based upon the preceding categories. Additional materials may be requested and used in the decision process. Although not required for admission, applicants are encouraged to submit ACT Writing Test Results. Other applicants may be considered for admission on a space available basis by the Director of Admission.

Students who have taken college coursework during their high school career need not submit that transcript for admission purposes. However, a final official college transcript will be necessary in order to complete their admissions application to Eastern. If, when that transcript is received, the cumulative GPA of their college work is below a "C" average their academic status will change from good standing to academic warning.

Native Students

The University defines a native student as one whose initial college/university enrollment was as a beginning freshman at EIU.

Transfer Students

Dependent upon the availability of facilities and resources, the University considers applications from candidates who have attended one or more other accredited colleges and universities for admission as a transfer student.

To qualify for admission as a transfer student, an applicant must have earned a cumulative GPA of at least 2.00 on a 4.00 grading scale based on all college-level work attempted, and a cumulative GPA of at least 2.00 on a 4.00 scale from the last institution attended. Transfer applicants who have completed fewer than 30 semester hours of college-level work also must satisfy one of the following criteria:

1. The applicant must meet the admission requirements for beginning freshmen (above); or
2. The applicant must have completed 24-29 semester hours of coursework at other accredited colleges or universities with a minimum cumulative grade point average of 2.5.

These are minimum requirements and do not guarantee admission to the university.

To be considered for admission, an applicant must submit official transcripts from all educational institutions previously attended; these include each college or university, as well as the high school from which the applicant graduated. As a condition of continued enrollment, transfer students admitted to the University who have taken the ACT or SAT test prior to beginning college must submit their test scores to the University prior to the close of their first term of attendance at the University.

Transfer students admitted prior to their last semester at their previous institution will be placed on academic warning if their final cumulative GPA from their previous school falls below a "C" average.

Transfer students in their first semester of college prior to attending Eastern, will be admitted based on satisfying high school requirements and submission of a current college class schedule. If their college GPA then falls below a "C" average, they will be placed on academic probation.

Graduate Students

See Graduate Catalog.

Non-matriculated Student Enrollment (Guest Students)

(Undergraduates)

A non-matriculated student is one who is not seeking a degree at EIU. The purpose of non-matriculated student enrollment is to facilitate transfer of credit hours to another institution or for non-degree personal/professional development. Non-matriculated students may be enrolled for any semester without having to submit official transcripts. The student is required to complete a Non-matriculated Student Enrollment Request including a signed statement certifying that she or he 1) has the necessary academic preparation for the proposed course(s); 2) understands that enrollment as a non-matriculated student does not constitute admission to the University for subsequent semesters; and 3) is aware that credits earned as a non-matriculated student may or may not be applicable to a specific degree program at EIU.

Each academic year (fall, spring, summer) a student wishes to enroll as a non-matriculated student, she or he must submit a Non-matriculated Student Enrollment Request including a signed certification and pay the \$30 processing fee. Admission as a degree-seeking student requires submission of a regular Application for Admission, a full set of required documents showing admissions standards have been met, and the \$30 application processing fee. All Non-matriculated Student Enrollment Requests are considered on a space available basis. Individuals who are

otherwise prevented from registering are prohibited from enrolling on a non-matriculated basis. Individuals who have been academically denied admission or continued enrollment during the previous two academic years are similarly prohibited from enrolling on a non-matriculated basis.

Students enrolled on a non-matriculated basis are not eligible for state, or federal financial aid. Institutional aid may be available depending on the criteria of the award.

International Applicants

Standard and Conditional Admission for Undergraduate Applicants

Undergraduate international applicants must submit a complete packet of admission materials to the Office of International Programs. A complete packet for undergraduate applicants includes an international application, an application fee, an approved financial affidavit form, an official raised seal transcript from high school, and documentation of English mastery. The approved financial affidavit form must verify the applicant's financial status for study. For undergraduate applicants the raised seal transcript or original copy of national examinations must document completion of secondary education, comparable to that awarded by a United States high school. The high school transcript must also verify that the applicant earned a minimum GPA of 2.0 on a 4.0 scale.

English language mastery for undergraduate applicants for admission may be documented in one of the following ways:

1. Submission of a score of 500 or higher on the paper-based Test of English as a Foreign Language (TOEFL), a score of 173 or higher on the computer-based TOEFL, a score of 61 or higher on the internet-based TOEFL, or a minimum International English Language Testing System (IELTS) score of 6.0 (academic module).
2. Submission of evidence of residency in a nation whose official language is English.
3. Submission of evidence of successful completion of 24 semester hours of college credit at an accredited college or university in the United States.
4. Submission of evidence of a Level 112, Certificate of Completion from an ELS Language Center located in the United States.
5. Submission of evidence of successful completion of three years of high school in the United States and an ACT composite standard score of at least 18 (SAT 860).

Admission to EIU and an approved financial affidavit form are required in order for the Office of International Programs to issue SEVIS Form I-20 or DS-2019. Applicants who meet all of the requirements for admission, but do not meet the criteria for English mastery may be offered Conditional Admission.

Conditional admission may be offered to undergraduate international applicants who meet the criteria for admission to EIU except for English language mastery. Conditional admission is granted only by the Office of International Programs. Undergraduates with conditional admission status must provide evidence of meeting English language mastery to the Office of International Programs by submitting a score of 500 or higher on the paper-based TOEFL a score of 173 or higher on the computer-based TOEFL, a score of 61 or higher on the internet-based TOEFL, a minimum International English Language Testing System (IELTS) score of 6.0 (academic module) or completion of Level 112, Certificate of Completion from an ELS Language Center located in the United States.

Gateway Program

Students who do not meet regular admission requirements may be considered for admission to the Gateway Program. Admission is considered for beginning freshmen for the Fall Semester of each academic year. Maintaining a culturally diverse student body, including adequate representation of students in the total student body, is an educational goal of the University. The University measures annual progress toward its ultimate goal by increases in the percentage of underrepresented students in its student body. Underrepresented students include those who will be the first in their immediate family to obtain a college degree.

The University will consider applications from candidates who have an ACT composite standard score of at least 14 and who have a high school cumulative GPA of at least "C" (2.00 on a 4.00 scale) based on six or more semesters. This differential test score standard is intended to take account of the cultural bias associated with standard admission tests.

Applicants must also meet the high school subject requirements specified for all entering freshmen. In addition to completing a program admission application, applicants must submit a writing sample and three letters of recommendation from high school teachers and/or counselors which provide evidence of the applicant's character, motivation, ability to overcome economic and educational disadvantage, work experience, and other relevant factors. An interview may be required and high school attendance patterns will be considered. Gateway is a limited enrollment program and meeting minimum academic guidelines does not guarantee admission.

Students admitted to the program are provided the following: designated program academic advisors; assessment of basic skills in reading, writing, and mathematics; placement in specified courses; and programs selected to address special needs or deficiencies identified by assessment.

Continued enrollment in the program requires that a student enroll in at least 12 hours each semester.

General guidelines for the program are established by the Advisory Committee chaired by the Director of Minority Affairs. Among the program guidelines, students are required to complete a participation agreement during their orientation and live in University residence halls; are subject to the same academic warning, probation, and dismissal policies as are all University students; may declare an academic major no sooner than the second semester of attendance; may be main-streamed as soon as the end of the second semester of attendance if they have earned a minimum of 20 hours over two semesters with a GPA of 2.00 or higher each semester; and will be mainstreamed at the end of the term in which they earn 45 semester hours of credit, or complete four semesters and obtain the permission of the program director to exit the program. Students in good standing at the end of their second semester who have failed to successfully complete two consecutive semesters with a 2.00 or higher GPA will be mainstreamed if they earn a minimum GPA of 2.00 at the end of their third semester. If a student is not in good standing at the end of his/her second semester, but makes significant academic progress in his third semester, he or she may be mainstreamed with the concurrence of the Gateway staff and the director of Minority Affairs.

Gateway Program students must agree to follow the academic program prescribed by their academic advisor and the general guidelines established for the program as conditions for continuation in the program. Students who fail to comply with program guidelines may be dismissed from the program and the University after a review and appeal process established by the Advisory Committee.

The Advisory Committee shall consist of: Director of Minority Affairs (Chair), Associate Vice President for Academic Affairs, Director of Admissions, and a faculty member appointed by the Vice President for Academic Affairs.

Adult Student Admission Policy

Students who have never enrolled in any college or university and who have been graduated from an accredited high school for at least five years may be admitted to EIU on a conditional basis. During their first 24 semester hours at EIU, those students are required to successfully complete the following courses: General Studies 1000, English 1001G, English 1002G, and an appropriate mathematics course. Students admitted in this category will be evaluated for satisfactory progress using the standards in place for student retention at the University.

An Application for Admission, an official high school transcript, and a letter requesting consideration for conditional admission are required for consideration. These items and any other available supportive material should be sent to the Director of Admissions. The Director will review each application and make a decision based on the applicant's potential for success at EIU.

Admission Procedures

All applicants must submit a \$30 non-refundable fee with the application. Check, money order, or credit card (Visa or Master Card) payments may be made at the Cashier's Office; credit card payments also may be made by phone at (217) 581-7387. Checks or money orders should be made payable to Eastern Illinois University.

Beginning Freshmen

1. Obtain an application for admission online at www.eiu.edu or by contacting:
Office of Admissions
Eastern Illinois University
Charleston, Illinois 61920
(800) 252-5711
2. Provide all information requested on the application form. Request your high school to complete the form and forward it and a copy of your transcript of grades to the University. You should also request that your high school send a final transcript when available.
3. Request ACT or SAT scores be sent directly from the testing agency to the University. Scores forwarded by your high school may be used as a working document only.

Transfer Students

1. Obtain an application for admission by contacting:
Office of Admissions
Eastern Illinois University
Charleston, Illinois 61920
(800) 252-5711
2. Provide all information requested on the application form and send the completed form to the Office of Admissions.
3. Request that all institutions previously attended send official transcripts to the Office of Admissions. This includes both high schools and colleges.
4. Transfer applicants with fewer than 30 semester hours of earned acceptable credit must also must meet one of the following requirements:
 - The applicant must meet the admission requirements for beginning freshmen (above); or
 - The applicant must have completed 24-29 semester hours of coursework at other accredited colleges or universities with a minimum cumulative grade point average of 2.5.

Transfer students admitted to the University with 30 or more semester hours who have taken the ACT or SAT test prior to beginning college must, as a condition of continued enrollment, submit ACT or SAT scores during the first term of attendance at the University.

Illinois State Immunization Compliance

Illinois Law, Public Act 85-1315 requires all admitted students born on or after January 1, 1957 and enrolled in six or more hours of on campus classes to submit proof of immunity for diphtheria/tetanus, measles, mumps and rubella. Compliant immunization records for new students must be received by the Student Health Service no later than the first day of classes of the students' first semester.

Compliant immunization records must be signed by a nurse or physician and must include:

- One DT (diphtheria/tetanus) within the last ten years
- Two MMR's (measles, mumps and rubella) after the first birthday

International students must submit proof of three DT's and two MMR's. If records are not in English, they must be accompanied by a certified translation.

Readmission

Former Undergraduate Students

Former undergraduate students who are academically eligible and wish to return to the University after a lapse of one or more semesters should make application for readmission to the Office of the Registrar and Enrollment Management at least 10 calendar days prior to the first class day of the term in which they intend to enroll. An earlier closing date may be announced in the public press. Students enrolled in the Spring Semester need not apply for readmission for the ensuing Fall Semester.

A former undergraduate student who has attended one or more regionally accredited colleges or universities may be readmitted provided the composite GPA in all course work attempted at institutions other than EIU is at least 2.00 on a 4.00 scale. If the student is attending another regionally accredited college or university at the time of applying for readmission, a statement from that institution indicating that the student is

earning a cumulative GPA of at least a 2.00 on a 4.00 scale will suffice until the official transcript can be sent at the end of the term.

Information regarding readmission following academic dismissal and reinstatement following a second academic dismissal is found under the Academic Regulations & Requirements section of this catalog.

Former Students Who Have Graduated

Former students who have graduated and who return to the University after a lapse of one or more semesters should make application for readmission to the Office of the Registrar and Enrollment Management at least ten calendar days prior to the first class day of the term in which they intend to enroll. An earlier closing date may be announced in the public press. *Students not previously admitted to Graduate School must also apply for admission to the Graduate School.*

Enrollment

Registration Procedures

New Students. Instructions for the registration of new students are given in writing, in conferences, and at meetings during orientation periods.

Students Currently Enrolled. Each student currently enrolled should participate in early registration for the following term. By doing so, the student agrees to complete his/her registration by payment of all tuition and fees. Scheduling for the reservation of space is planned so that graduate students, seniors, juniors, sophomores, and freshmen are assigned space in that order.

All students who have not completed early registration for a given term may register during late registration. Each student currently enrolled must follow instructions in the class schedule to register by PAWS. The University assumes no responsibility for accepting an ineligible student's registration. Reservation of a space for any class is subject to the assigned capacity of the class.

Former Students. Students who return to the University after a lapse of one or more semesters receive written instructions for registration procedures after they have applied for readmission.

New Student Orientation

The primary function of the Office of Orientation is to provide incoming students the tools to take on the college experience by providing information on academic and social opportunities throughout the university. We provide the essential information for both students and parents to know they are in a safe and caring environment that will bring opportunities for success. Such information includes policy and procedure related to safety, financial aid, housing, policies, academic integrity, and student issues.

Ongoing Orientation programs and transition activities are sponsored by the Office of Orientation throughout each semester. Schedules of Orientation activities are provided to new students by mail and are also available on the web at www.eiu.edu/~orient or by phoning the Office of Orientation at (217) 581-6435.

Unclear Records

The academic records for students who have outstanding obligations with such departments as Booth Library, Athletic Department, Textbook Rental Service, Financial Aid, Chemistry Department, University Police and Parking, Office of the Registrar and Enrollment Management, and Business Office will be marked "unclear." Each student should check with all departments to clear all obligations prior to semester or summer term breaks and/or leaving the University permanently. Official transcripts for any student with an unclear record will be withheld and not sent to any one or any place. A hold on a student's record precludes *readmission, registration, or graduation.*

III. ACADEMIC REGULATIONS AND REQUIREMENTS

GRADUATION REQUIREMENTS

Requirements for the Bachelor's Degree:

Official course requirements for baccalaureate degrees are given in Section VIII. To achieve a baccalaureate degree, the student must:

1. Successfully complete the General Education Requirements detailed in Section IV, including the senior seminar.¹
2. Successfully complete one of the degree programs listed in detail in Section VIII, "Academic Program Requirements," and attain a minimum GPA of 2.00 in his/her major area. A GPA of at least 2.65 both cumulative and in the major is required for graduation from a teacher education program. Other curricula may also require a cumulative GPA higher than 2.0 for acceptance to the major and/or graduation. Consult the catalog description for specific information.
3. Successfully complete a minimum of 12 semester hours in residence in courses applicable to the GPA in his/her major discipline.
4. Successfully complete at least 40 semester hours in upper division courses (3000-4000 numbered courses).²
5. Earn a minimum of 42 semester hours in residence with a minimum of 32 in the junior and senior years, 12 of which must be in residence during the senior year. Cooperative degree candidates must complete 38 semester hours in residence.
6. Successfully complete at least 120 hours with a CGPA of 2.0 in all courses attempted.
7. Successfully complete two courses in a single foreign language.³
8. Earn a "C" or better in English 1001G, English 1002G, and Communication Studies 1310G or in accepted substitutions.
9. Successfully complete the Electronic Writing Portfolio⁴.
10. A transfer student must successfully complete a minimum of 56 semester hours applicable to a baccalaureate degree in senior institutions, with at least 42 semester hours earned at EIU.⁵

¹ Because the terminal year is taken off-campus in cooperative programs, students completing cooperative degree programs, i.e., Engineering, Physics with Engineering Physics Option, and Clinical Laboratory Science, will not be required to take a Senior Seminar or to submit the 4th writing sample for the Electronic Writing Portfolio.

² Courses from a community college or other two-year institution will not count in the 40 semester hours of upper-division credit.

³ Students entering as freshmen in Fall 1993 and thereafter must have completed two years in a single foreign language in high school with an average grade of "C" or better for the two years' work in order to have previously satisfied this requirement.

⁴ The **first** essay/document will come from ENG 1001G, ENG 1002G, ENG 1091G, or ENG 1092G (generally completed before the student has earned 30 hours); the **second** essay/document will come from a writing-centered or writing-intensive course at the 1000, 2000 or 3000 level (generally completed when the student has earned between 30 and 59 hours); the **third** essay/document will come from an upper-division, writing-centered or writing-intensive course at the 3000 or 4000 level (generally completed when the student has earned between 60 and 89 hours); the **fourth** essay/document will come from the Senior Seminar (generally completed after the student has earned 90 hours). Further information about the Electronic Writing Portfolio is available at www.eiu.edu/~assess.

⁵ All military service credit based on the recommendations in the American Council on Education's Guide to the Evaluation of Educational Experience in the Armed Services, and accepted by EIU, is senior institution credit.

Official course requirements for specific baccalaureate degrees are detailed in "Academic Programs".

To view grades, transcript evaluations, and degree progress, students should consult the PAWS website: <http://www.eiu.edu/paws/>.

Responsibility of Students

It is the responsibility of the student to know and to observe the requirements of his/her curriculum and the rules governing academic work. Although the advisor will attempt to help the student make wise decisions, the ultimate responsibility for meeting the requirements for graduation rests with the student.

Requirements for Two Majors Within a Degree

An undergraduate student shall indicate the major program for which the appropriate bachelor's degree will be awarded when all degree requirements have been met. This shall be recorded as the "degree major."

An undergraduate student who has declared a "degree major" may earn a "second major" by completing the requirements for that second major as listed in the catalog. Only one degree will be awarded-- that degree to be determined by the "degree major." Both majors will be listed on the student's transcript.

Depending on the degree requirements and the student's background, a "second major" may, in many cases, be earned with a minimum of 120 semester credits. However, in some cases a student may need to complete more than 120 semester credits to be entitled to the notation of the "second major."

It is the student's responsibility to indicate the "degree major" and a "second major," if any, at the time of application for graduation. Certification for graduation is a dual process: the dean responsible for the "second major" certifies that requirements for that major have been met; final responsibility for certification for graduation lies with the dean responsible for the "degree major."

Requirements for Two Bachelor's Degrees

A student will be awarded all degrees for which he/she has completed requirements, except that the B.A. in General Studies degree may not be awarded simultaneously with another degree or awarded to a student who already holds a bachelor's degree.

Simultaneous Degrees: A student who is currently enrolled at EIU may apply for and receive two bachelor's degrees at the same time by making arrangements with the appropriate certifying dean(s). The degrees may be the same (e.g., two B.A. degrees) or different (e.g., a B.A. degree and a B.S. degree). All specified major requirements for both degrees must be met as well as the general requirements for the bachelor's degree. The program of study must include a minimum of 150 semester hours of courses with at least 60 of these hours in upper-division courses (3000-4000 courses) and with at least 72 of the 150 semester hours completed at EIU. All requirements for both degrees must be completed at the time of graduation.

Consecutive Degrees: A student who has already received a bachelor's degree from EIU, or from another regionally accredited college or university, may receive a second bachelor's degree from EIU. All specified major requirements for the second degree must be met, and the program of study completed for the second degree must include at least 30 semester hours of courses taken at EIU after the granting of the first degree. At least 20 of the 30 hours presented for the second degree must be upper-division courses (3000-4000 level courses) with at least 12 semester hours of work in courses applicable to determining the GPA in the major. Admission is through the Graduate Office.

Optional Catalog Requirements

A native student may choose to graduate under the requirements stated in the EIU catalog current at the time of his/her entrance to the University or under the requirements stated in a subsequent catalog published prior to his/her graduation. All requirements of the catalog selected must be met in full.

An undergraduate transfer student may choose to graduate under the requirements stated in the EIU catalog current at the time he or she initially enrolled at another college or university provided that catalog did not precede his/her enrollment at EIU by more than three years. Such a student may choose to graduate under subsequent catalogs on the same basis as native students. All requirements of the catalog selected must be met in full.

The catalog options for a student who was concurrently enrolled at any college while still enrolled in high school begin with the catalog in effect during the first semester of college enrollment subsequent to graduation from high school.

In no case may a student combine or choose various requirements from several catalogs in order to achieve minimal curriculum. During periods of transition, deans, in consultation with department chairpersons, are authorized to make such curriculum adjustments to graduation plans as will insure academically meaningful programs. Copies of all such

authorizations must be filed with the Office of the Registrar and Enrollment Management.

Credit

Credit Earned at Eastern Illinois University

The unit of credit measure is the semester hour, which approximates the effort expended in 50 minutes of class work and 100 minutes of study during each week of a semester. One semester hour also approximates the effort expended in at least a 50-minute laboratory or other scheduled class activity per week (for example, art studio). Laboratories or other scheduled class activities often require more scheduled instruction and fewer minutes of study outside the time scheduled; therefore, laboratories or other scheduled class activities may be scheduled for more instructional minutes for one semester hour of credit depending on the discipline and nature of the laboratory. In general, 2-4 hours of laboratory time per course correspond to 1 sh of credit.

Students may count toward graduation no more than four semester hours credit in chorus, orchestra, band, and four semester hours in physical education activity courses. However, Music majors and minors may count six semester hours in music ensemble activities; Physical Education majors and minors and Recreation Administration majors may count no more than six semester hours in physical education activity courses toward graduation.

Definition of Remedial/Developmental Coursework

Eastern Illinois University defines remedial, developmental, preparatory, or orientation coursework as that whose primary focus is to prepare students for college-level success by ameliorating deficiencies in areas such as writing, reading, mathematics, and other basic skills (e.g., study skills, time management skills, test taking skills, etc.) Such coursework will not be awarded transfer credit.

Transfer Credit

Credit for Courses in Other Colleges and Universities. Advanced standing and transfer credit are granted for acceptable courses passed in colleges and universities accredited by the North Central Association or other regional accrediting agencies.

Optional Catalog Rule

The choice of the catalog year is very important since a student must follow the graduation requirements and the major requirements from the same catalog, and a curriculum may differ from year to year.

New Transfer Students - An undergraduate transfer student may choose to graduate under the requirements stated in the EIU Catalog at the time of initial enrollment at another college, provided that catalog did not precede enrollment at EIU by more than three years. A transfer student may also choose any subsequent catalog.

Re-admit Students - A Re-admit student has the option to continue under the catalog year he/she originally began course work with at Eastern Illinois University, or he/she may choose a subsequent catalog year. Students should discuss this matter during the advisement session.

Students transferring to Eastern who have received an Associate in Arts (AA), Associate in Sciences (AS), Associate in Science and Arts (ASA), or Association in Arts for Teaching (AAT) Math, Early Childhood, or Special Education degree in a baccalaureate-oriented program from an Illinois public community college, Lincoln College, or Springfield College in Illinois **and/or** students transferring from any Illinois university or college who have completed the Illinois Articulation Initiative (IAI) General Education Core Curriculum (GECC) are considered as having met **lower-division** general education requirements.* This provision is applicable to students who meet all of the following criteria:

1. Their initial term of enrollment at Eastern was Summer 1982 or thereafter;
2. Their cumulative GPA is 2.00 or higher.

Students can use Eastern credit and transfer it back to complete a transfer agreement. There is no hour or time limit for completion of transfer agreement. Waivers will be necessary for students following earlier catalogs.

*NOTE:

- Successful completion of two courses in a single foreign language is a requirement for graduation.

- The AAT in Science does not guarantee completion of lower-division General Education requirements.

Associate Degree Benefits

Transfer students who receive an Associate in Arts, Associate in Science, Associate in Science and Arts degree, or Association in Arts for Teaching (AAT) Math, Early Childhood, or Special Education from an Illinois public community college, Lincoln College, or Springfield College in Illinois will be guaranteed the following:

- A minimum of 60 semester hours in transfer credit;
- Junior status;
- All lower-division EIU general education requirements are automatically waived; and
- The cultural diversity requirements are automatically waived.*

*Students transferring the **IAI GECC** from a participating institution in Illinois will have met both the cultural diversity **requirements**.

Students Who Transfer to Eastern without an AA, AS, ASA, AAT degree or the IAI GECC

Transfer work will be evaluated on a course-by-course basis. Courses will be placed into the comparable general education and major requirements listed in the EIU Catalog the student chooses (see Optional Catalog Requirements).

Cultural Diversity/Constitution Requirements

Catalogs prior to Fall 2000

Eastern will recognize the certification of the sending institution as to students having satisfied the cultural diversity and/or constitution requirement.

Fall 2000 and subsequent catalogs

If an IAI course is taken that has the "D" or "N" designation, then the general education Cultural Diversity requirement will be met. **If requirements have not been satisfied, the student will be expected to complete appropriate course work to complete EIU general education requirements.**

Note: A teaching certificate requires 3 semester hours in a cultural diversity course and 3 semester hours in an American Government course. The AA, AS, ASA, AAT degree or IAI General Education Package does not automatically meet teacher certification requirements.

Illinois Articulation Initiative (IAI)

Eastern Illinois University is a participant in the Illinois Articulation Initiative (IAI), a statewide agreement that allows transfer of the completed Illinois General Education Core Curriculum between participating institutions. Completion of the transferable General Education Core Curriculum at any participating college or university in Illinois assures transferring students that lower-division general education requirements for an associate's or bachelor's degree have been satisfied. This agreement is in effect for students entering an associate or baccalaureate degree-granting institution as first-time freshmen in summer 1998 (and thereafter). Students beginning prior to the summer 1998 may request a waiver. Additional information can be found at www.iTransfer.org.

IAI "Phase I" Benefits

Transfer students who complete the 37 - 41 semester hour package of the Illinois Articulation Initiative from any participating college or university in Illinois will be guaranteed the following:

- All lower-division EIU General Education requirements are automatically waived.
- The cultural diversity requirement for both the integrated core and the new general education program and the constitution requirement for the new general education program will be met. (Please Note: Beginning Fall 2006 EIU's General Education Program no longer includes the constitution requirement.)

IAI "Phase II" Benefits

Transfer students who complete the General Education and approved Major courses of the Illinois Articulation Initiative from any participating College or University in Illinois will be guaranteed the following:

- All lower-division EIU General Education requirements are automatically waived.
- The cultural diversity requirement will be met.

- Comparable course matches in the major will be granted credit at the lower level

Important Points About Eastern and the IAI

- If only a portion of the IAI General Education is completed upon transfer, then Eastern will evaluate on a course-by-course basis to see how each course will fit into general education.
- Students who are seeking a degree from Eastern may not complete the IAI at Eastern.
- The same rules apply for acceptance of Transfer Credit for the IAI and AA, AS, ASA, or AAT Degrees.
- IAI does not guarantee completion of the constitution for the Integrated Core (General Education 1992-1999.) The constitution requirement is a graduation requirement under the 1992-1999 catalogs.
- Phase II is designed for students who know their major but not where they are transferring.

Who Must Complete Eastern's General Education Program

- All students who enrolled at Eastern prior to attendance at another college.
- All students who transfer from an out-of-state community college or any four-year college.
- All students transferring from Illinois public community colleges prior to completion of transferable Associate's Degree (See Acceptance of Transfer Credit).
- All students transferring from an IAI participating Illinois University or College prior to completion of the IAI General Education Package (See acceptance of Transfer Credit).
- Students who completed an Associate in Applied Science Degree.

3 Ways To Complete General Education

- Complete the AA, AS, ASA, or AAT Degree
- Complete the IAI GECC 37 - 41 hour package
- Complete the Integrated Core for Catalogs prior to Fall 2000 or complete the New General Education program beginning Fall 2000

Students who transfer without the IAI or the AA/AS/ASA/AAT may use the substitution sheets to select courses that meet Integrated Core Components or New General Education Requirements, or select IAI approved courses from parent institution at www.iTransfer.org.

IAI Implementation

- Eastern began accepting the IAI in Summer 1998 retroactively. Students who have taken credit prior to Summer 1998 may apply previous credit if approved by waiver.
- If completion of the IAI is not noted on the transcript, Records will complete an IAI audit upon request.
- The Official Evaluation of Transfer Credit will note that the General Education Requirement is met if the IAI General Education is complete.

Credit for Out-of-State and non-IAI Colleges

Transfer credit from any accredited college or university will be evaluated on a course-by-course basis. Out-of-state associate degrees do not automatically meet Eastern Illinois University's lower-level general education requirements. Content of courses will be compared to course offerings at Eastern. Transferable courses will be placed in the appropriate corresponding component of general education and major requirements. Courses will count towards general education if they clearly match an Illinois Articulation Initiative (IAI) general education course description. Descriptions of the IAI courses can be found on the IAI website at www.iTransfer.org.

NOTE: Transfer students who have only partially fulfilled general education requirements by transfer approved credit must complete the requirement in approved EIU distribution courses, or, as of the 1992-93 catalog, approved general education courses.

Because major requirements vary, students with AA, AS, or ASA or AS degrees from Illinois public community colleges should be aware that they may not necessarily graduate with only an additional 60 semester hours of academic work. Further, all transfer students who enter teacher certification programs must meet all requirements for teacher certification.

The University requires a minimum of 56 semester hours in a senior institution or institutions, 42 of which must be earned at EIU, in order to qualify for a baccalaureate degree. See Requirements for the Bachelor's Degree for additional information.

***Note:** A grade of "C" or better in English 1001G, English 1002G, and Speech Communication 1310G or in accepted substitutions is a requirement for the Bachelor's degree at Eastern as well as a general education requirement.

Credit from a College or University Taken While a High School Student. Students admitted to EIU will receive credit for appropriate courses in which they earned grades of "C" or better while still in high school, provided they completed these courses at or through the auspices of a regionally-accredited college or university.

Credit for Military Service. Certain experiences in military service may be submitted to the Office of the Registrar and Enrollment Management, Room 1220 Old Main, for evaluation for advanced standing. The recommendations contained in "A Guide to the Evaluation of Educational Experiences in the Armed Services" by the American Council on Education are used as a basis for such evaluation. Credit is allowed when the recommendations can be considered as reasonable substitutes for work ordinarily accepted by the University.

Credit for Correspondence and Extension Courses. Correspondence and extension courses taken from regionally accredited colleges and universities may be submitted for evaluation for advanced standing toward a baccalaureate degree. The total credit accepted toward graduation may not exceed 32 semester hours in correspondence and/or extension courses. Credit toward graduation for such courses, if taken in whole or in part during a period of resident study at EIU, is subject to permission granted by the Registrar, in advance of enrollment and to subsequent completion in accordance with the conditions governing the permission. When students are enrolled simultaneously in any combination of residence, extension, and correspondence courses, the total credit accepted may not exceed the maximum residence credit for which the student would be eligible during the period in question. Credit received in EIU courses taught by EIU staff members, either on or off campus, may be counted as credit in residence.

Application for permission must include the proposed starting date of the course, the proposed completion date, and the proposed periods of work. If the course is not completed in accordance with this schedule, an extension of time granted by the Registrar is required in order for the course to be considered subsequently for credit toward a degree. Documentary verification of compliance with the regulations may be required by the Registrar.

Credit for Nationally Standardized Tests. Students who submit scores for Advanced Placement Tests and/or College Level Examination Program (CLEP) Tests administered by the College Entrance Examination Board and/or Proficiency Examination Program (PEP) tests administered by the American College Testing Program will have their records evaluated by the Office of the Registrar and Enrollment Management in accordance with standards established by the appropriate departments to determine proper placement and credit. College credit granted will be treated as credit without a grade; such credit will count toward graduation and may be used in fulfilling requirements. Credit may be allowed as indicated above only if the student was not obliged to use the credit to meet minimum high school graduation requirements. Eastern does not allow a student to re-take a CLEP exam for Eastern credit if the first score is unsatisfactory.

Students should check with the Office of the Registrar and Enrollment Management or with Testing to determine which Advanced Placement Tests, CLEP Subject Exams, and PEP Exams are honored by EIU and whether essay portions of the exams are required. Only the Humanities test of the CLEP General Exams may carry credit.

The following conditions apply to the granting of credit for CLEP, PEP, and/or Advanced Placement examinations:

1. Credit will be awarded only if the original test scores are sent directly to Eastern. Credit will not be awarded based on scores listed on another institution's transcript.
2. The applicant may receive credit only once in a given course in a given subject.
3. Credit will not be granted if:

- The course substantially duplicates one or more courses accepted for college entrance or for transfer credit.
- There is an entry on the applicant's permanent record for the course.
- The applicant has earned college credit in one or more courses in the subject more advanced than the given course.
- The applicant is currently enrolled in the course or in a course in the subject more advanced than the given course and more than one month of the semester has elapsed.

Evaluation of Transfer Credit

The Office of the Registrar and Enrollment Management will complete an official evaluation of transfer credit after admission. A copy will be provided for each student on the orientation/advisement day. Students are invited to attend an advisement day during the semester prior to enrollment.

The following abbreviations are used in transfer evaluations:

- **D** - Course meets EIU's cultural diversity requirement
- **FLG** - Course counts toward EIU's foreign language requirement
- **I** - Course is approved by the Illinois Articulation Initiative
- **N/W** - Course meets the non-western requirement/3rd world requirement for teacher education
- **G** - Course counts toward EIU's general education requirements
- **BS** - Course counts toward general education/biological sciences
- **FA** - Course counts toward general education/fine arts
- **HU** - Course counts toward general education/humanities
- **LG** - Course counts toward general education/language
- **MA** - Course counts toward general education/mathematics
- **PS** - Course counts toward general education/physical sciences
- **SB** - Course counts toward general education/social and behavioral sciences

Exemptions:

- All students who have completed **TWO YEARS** in a single foreign language in high school with a "C" average are exempt.
- All students who have completed the **SECOND SEMESTER** of a single foreign language in college with a passing grade have met this requirement.

Credit by Proficiency Examinations

Proficiency examinations, if approved by an academic department, offer the student an opportunity to obtain credit for experience relevant to certain courses, for individual study of subjects, or for study of relevant courses in non-accredited institutions.

Credit by proficiency examination in a course is equivalent to credit earned by enrollment in that course for purposes of satisfying a major requirement, a minor requirement, a general education requirement, the advanced credit requirement, and the total hours for a baccalaureate degree requirement. It does not apply toward any residence requirement, and is not included in determining honors, probation, GPA, etc.

Proficiency examinations for credit in undergraduate courses are given in accordance with the following rules:

1. The student who desires such credit must first report to the Office of the Registrar and Enrollment Management and complete an application.
2. The applicant must be in good academic standing at EIU.
3. Generally the applicant must be enrolled as a student in the University at the time the application is filed.
4. The applicant may apply only once for a proficiency examination in a given course in a given subject.
5. An applicant is not eligible for credit by proficiency examination in a given course in a given subject if any one or more of the following conditions is satisfied:
 - The course is a physical education service course.
 - The course is a foreign language course numbered below 3000 and the applicant is a native speaker of the language.
 - There is an entry on the applicant's permanent record for that course.
 - The course substantially duplicates one or more courses accepted for college entrance or for transfer of credit.
 - The applicant has credit in one or more courses in that subject more advanced than the given course.
 - The applicant is currently enrolled in the course or in a course more advanced than the given course and more than one month of the semester has passed.

6. The Registrar checks the application, and, if appropriate, certifies the eligibility of the applicant for the requested examination prior to returning the form to the applicant. If the applicant is deemed ineligible, his or her returned application will indicate the reason for ineligibility.
7. The non-refundable fee for a proficiency examination is \$30/semester hour; the exam must be taken within two weeks from the date of paying the fee.
8. An eligible applicant must obtain the approval of the appropriate department chairperson before the examination is taken. Generally such approval is contingent upon presentation of evidence of independent study, relevant experience, or relevant study in non-accredited institutions.
9. If the course is ordinarily taught by more than one member of the faculty, a committee of at least two members is appointed by the department chairperson to give the examination and assign the grade. The examination must be comprehensive, and for approval of proficiency credit the grade must be C or higher.
10. The application form is completed and forwarded through the department chairperson and dean to the Office of the Registrar and Enrollment Management.
11. Credit by proficiency examination is entered on the permanent record with "CR" as the grade entry.

Credit/No Credit Option

To encourage students to participate in areas of learning outside their major interests and to stimulate intellectual curiosity, the University has the Credit/No Credit system. To receive Credit (CR), the grade must be C or better. A grade of D or F will carry a No Credit (NC) designation. Please note that the Credit/No Credit designations are not figured into students' GPAs. In addition, the following rules apply:

Eligible Students. Sophomores, juniors, seniors.

Procedure. Credit/No Credit option may be requested using PAWS until the 10th class day of the semester. The time periods for Summer Session, which are reduced proportionately, are established by the Office of the Registrar and Enrollment Management. Changes from Credit/No Credit to traditional grade status are permitted through the last class day to withdraw from classes.

Limits. A student may take a maximum of 12 semester hours of undergraduate course work Credit/No Credit. Courses offered on Credit/No Credit basis only, as well as one physical education course per semester or term, are not counted against the above limits.

Courses Excluded*:

- a. English 0990, 0995;
- b. University Foundations 1111;
- c. General Education courses;
- d. Professional education courses including departmental methods courses required in teacher certification programs;
- e. Any course which qualifies as being applicable toward fulfillment of a given major or in the determination of the GPA in a given major, as specified in the major requirement description in the catalog, irrespective of whether a student wishes to apply the course to the major or is taking it as an elective. (This exclusion is also applicable to minors.)

(*Does not apply to courses offered only on Credit/No Credit basis.)

Independent Study

Independent study enables a student to pursue individual research and reading in a field of special interest under the guidance of a faculty member. As an independent study involves relatively self-directed student effort in the pursuit of some clearly defined goals, it is important for the student to specify the learning objectives of the study. A proposal for an independent study project must be accepted in advance by the faculty member who agrees to serve as the project advisor. The project must also be submitted to the department chairperson for approval prior to the student's registration.

Note: No more than three semester hours of independent study may be applied toward a minor.

Internship

An internship is a work experience related to the student's major or approved minor. This work experience must be directly related to the potential professional opportunities for graduates with the major or minor.

While internships may vary in duration, credit, and requirements, a minimum of one week of full-time employment is required for each semester hour of credit. Therefore, the maximum number of semester hours of credit for an internship is 15 for a regular semester. All internships will be graded on a credit/no credit basis.

Students wishing to register for an internship must secure a form from the department chairperson or division head. Working with a faculty advisor, the student makes arrangements for the work experience and fills out the form. The form is then returned to the chairperson or division head for his/her approval *prior to the first day of classes for a given term.*

Note: No more than three semester hours of credit may be earned toward a minor.

International Students must contact the international student advisor prior to registering for an internship.

Academic Waivers

Undergraduate students seeking waivers of academic rules or procedures may obtain waiver forms from their deans, department chairpersons or advisors. It is the student's responsibility to complete the form, obtain the necessary signatures, and present the form to the student's certifying dean for processing. Copies of the guidelines/rules regarding waivers (including submission deadlines) are available in the deans' offices.

If an undergraduate student waiver is denied by the student's certifying dean, the student may submit an appeal (following approved guidelines for submission) to the Registrar, who serves as corresponding secretary for the Undergraduate Academic Waiver Appeals Committee (UAWAC). Decisions made by the UAWAC are final.

Declaring a Major

If an undergraduate is listed as undeclared and wants to declare a major, he/she must do so at the Academic Advising Center (Ninth Street Hall).

If an undergraduate is presently a declared major in another department and wants to change that major or declare a second major, he/she must fill out the appropriate forms in the Office of the Registrar and Enrollment Management, 1220 Old Main.

Classification of Students

Undergraduate students are classified as follows:

Freshmen	0-29 semester hours
Sophomores	30-59 semester hours
Juniors	60-89 semester hours
Seniors	90 and above semester hours

Graduate students are those students who have completed a bachelor's degree at an accredited institution.

Academic Standing Grades

The grades given in courses are as follows:

Grade	Description	Value
A	Excellent	4
B	Good	3
C	Average	2
D	Poor but Passed	1
F	Failed	0
NF	Failure-Non-Attendance	0
CR	Credit	--
NC	No Credit	--
AU	Audit	--
DC	Deferred Credit	--
I	Incomplete	--
W	Withdraw-- No Grade	--
X	No Grade Submitted	--

Deferred Credit

Students in undergraduate courses such as field-experience, independent study, thesis, or research requiring work of a continuing nature over several terms before the final project is completed may receive the grade of "DC" or "Deferred Credit." "Deferred Credit" designates that the student remained enrolled for credit throughout the

term and that the project is continuing into another term. Upon completion of the final project, the instructor will file a "Grade Correction Form" with the Office of the Registrar and Enrollment Management no later than four days prior to the official close of the term published in the Class Schedule. If a Grade Correction Form is not submitted, then any "DC" grades remaining on the transcript will be changed to "NC" or "F" at the time the degree is completed. Undergraduate students admitted in or after Spring 2004 may not be certified for degree completion if any grades of "DC" remain on the transcript.

Policy on Incomplete Grades

Incomplete for Courses Earning Letter Grades

The grade "I" or "incomplete" for undergraduate courses in which letter grades are earned is given only by the course instructor when, because of documented illness or other valid reason, a student's progress in a course is delayed so that not all requirements for the course are fulfilled by the official closing date of the term. In no case may an "I" be substituted for a failing grade. Procedures for assigning and removing incomplete grades are outlined below.

- **Assignment of Incomplete and Default Grades:** Instructors who assign a grade of "I" are required to submit the "Assignment of Incomplete/Alternate Grade Form" to the Office of the Registrar and Enrollment Management. This form specifies a default grade for the incomplete work at the time that the grade of "I" is recorded. A grade of "F" shall be the default grade if the instructor fails to provide a default grade. The instructor also completes step 1 of the "Assignment of Incomplete/Alternate Grade Form" and provides a copy to the program chair.
- **Submission of a Completion Plan:** The instructor and student complete step 2 of the "Assignment of Incomplete/Alternate Grade Form" and develop a completion plan. Copies should be submitted to the program chair by the mid-term date published in the Class Schedule of the next term the student is in residence but no later than mid-term one calendar year from the end of the term in which the grade of "I" was received.
- **Decision on Completion of the Required Course Work:** Students receiving a grade of "I" should execute the completion plan by the last class day published in the class schedule of the next grading period in which the student is in residence but no later than the Last Class Day one calendar year from the end of the term in which the grade of "I" was received. The instructor completes step 3 of the "Assignment of Incomplete/Alternate Grade Form" and provides a copy to the program chair. If the work is successfully completed, the instructor also submits a "Grade Correction Form" to the Office of the Registrar and Enrollment Management no later than four days prior to the official close of the term. Students who fail to implement the completion plan by the stated deadline will be issued the instructor supplied default grade or a grade of "F" if no default grade was issued.

Students may not be certified for graduation so long as an "I" remains on their academic record. Students also should be aware that changing an "I" to another grade may affect their grade point average and thus the awarding of their degree and/or graduation honors.

Students who withdraw for military service will be awarded incomplete grades in accordance with Internal Governing Policy 95, "Student Withdrawal for Military Service."

Grade Appeal Policy

Eastern Illinois University faculty members are responsible for assigning appropriate grades. The University will not review the judgment of a faculty member in assessing the quality of students' work. If, however, a student believes that a faculty member improperly assigned a semester grade due to one or more of the Grounds for Grade Appeal described below, the student may appeal the grade by following the procedures detailed at www.eiu.edu/~auditing/LGP/policy45.html. Students are responsible for reading the Grade Appeal Policy and for complying with all procedures and meeting the deadlines established in the policy. All grade appeals are handled individually.

Grounds for appealing semester or term grades are:

1. A mathematical error in the calculation of the grade or a clerical error in recording of the grade that remains uncorrected;
2. The assignment of a grade to a particular student by application of more exacting requirements than were applied to other students in the course;

- The assignment of a grade to a particular student on some basis other than performance in the course;
- The assignment of a grade by a substantial departure from the faculty member's previously announced standards.

In general, the Grade Appeal Policy requires the student to confer with the faculty member who assigned the grade, but it provides opportunity for further formal review—by the department chair, the College Grade Appeal Committee, and the dean—if this conference does not result in a mutually agreeable resolution. For a course taken in the fall semester, the *Grade Appeal Request* must be received no later than the Midterm Day of the following spring term. For a course taken in the spring semester or summer term, the *Grade Appeal Request* must be received no later than the Midterm Day of the following fall term.

Grade Point Average¹

The number of grade points for a grade in a given course is found by multiplying the grade-point value by the number of semester hours which may be earned in the course. The cumulative grade-point average is computed by dividing the total number of grade points which a student has earned in all courses taken at EIU by the total number of semester hours represented by those courses (excluding courses in which a student has grades of "I", "CR", "NC", "W", "AU", or "X").

A student reinstated following academic dismissal has the same cumulative GPA status as he/she had at the time of dismissal.

¹ An example of these computations: If grades of A, B, C, D, and F are earned in courses of 2, 3, 4, 1, and 3 semester hours respectively, the grade-point average is computed as follows: Grade A, 2 semester hours yields a grade-point total of 8; grade B, 3 semester hours yields a grade-point total of 9; grade C, 4 semester hours yields a grade-point total of 8; grade D, 1 semester hour yields 1 grade point; grade F, 3 semester hours yields no grade points; and the grand totals are 26 grade points for 13 semester hours. The GPA is then $26 \div 13 = 2.00$.

Grade Corrections

Faculty may correct grades when an error in a grade assignment has been made. Grade Correction Forms are available through the departmental office. The form requires the signature of the faculty member and department chair. Any change of a final grade from A, B, C, D, F, or NF to a grade of I or W must be accompanied by written documentation and receive approval from the student's academic dean's office (in addition to the approvals of the instructor and department chair).

Faculty members are responsible for mailing or delivering the form to the Office of the Registrar and Enrollment Management. Forms presented to the Office of the Registrar and Enrollment Management by students will not be accepted.

Definition of Grading Period

Any semester or summer term in which a student registers in the University and remains beyond the day on which the official count is taken will be considered a grading period attended.

Good Standing

A student whose cumulative GPA is at least 2.00 in courses taken at this University is in academic good standing.

Dean's List

The Dean's List at Eastern Illinois University recognizes undergraduates with a declared major whose academic performance has been excellent. Students who achieve a GPA of 3.80 - 3.99 (on a 4.00 scale) while completing a minimum of 12 graded semester hours in a fall or spring semester will be named to the Dean's List.

Honors List

The Honor's List at Eastern Illinois University recognizes undergraduates with an undeclared major whose academic performance has been excellent. Students who achieve a GPA of 3.80 - 3.99 (on a 4.00 scale) while completing a minimum of 12 graded semester hours in a fall or spring semester will be named to the Honor's List.

Provost's List

The Provost's List recognizes undergraduates who demonstrate outstanding academic performance. Students who achieve a GPA of 4.00 (on a 4.00 scale) while completing a minimum of 12 graded semester hours in a fall or spring semester will be named to the Provost's List.

Dean's Lists and Honors Lists are not generated for Summer Terms.

Note: The calculation of GPA for honors determination will be based only on work taken at EIU.

Academic Warning/Probation/Dismissal

The following rules apply to students as soon as they attempt at least nine semester hours of academic courses at EIU. Students who attempted less than nine semester hours prior to Fall 1985 and who were on Probation will be governed by these rules.

Academic Warning

If, at the end of a grading period (semester or summer term), a student's cumulative GPA in courses taken at the University falls below 2.00, but not so low as to warrant academic dismissal, that student will be placed on academic warning.

Students placed on academic warning for the first time will be required to enroll in EIU 2919 the following fall or spring semester. Students must complete the course with a "C" or better. Failure to enroll in this course by the first day of classes will result in a hold being placed on the student's record. This course may not be dropped. Repetition of this course is subject to the approval of the Assistant Director, Academic Success Center.

Academic Probation

If, at the end of a grading period (semester or summer term) on academic warning, a student's cumulative GPA in courses taken at the University is still below 2.00, but not so low as to warrant academic dismissal, that student will be placed on academic probation.

A student on academic probation must achieve the following grading period GPA each grading period until good academic standing is reached or he/she will be academically dismissed:

- Freshmen and sophomores MUST earn a minimum GPA of 2.10.
- Juniors and seniors MUST earn a minimum GPA of 2.25.

Academic Dismissal

A student will be academically dismissed if:

- at the end of any grading period the student's GPA is 0.00 and the cumulative GPA is below 2.00; or
- at the end of any grading period the student on academic probation fails to make satisfactory academic progress toward good academic standing as defined under Academic Probation.

Reinstatement Following Academic Dismissal

Students who have been academically dismissed must remain out of the University for at least one regular semester. After the inactive semester, students who have been academically dismissed for the first time are automatically eligible for readmission provided that they meet the following conditions:

- The student applies for readmission at least 10 calendar days prior to the first class day of the term for which readmission is sought;
- Prior to the first class day of the term for which readmission is sought, the student, with the assistance of the Assistant Director of the Academic Success Center, prepares a written academic plan signed by both the student and Assistant Director of the Academic Success Center. Students who were dismissed and were never enrolled in EIU 2919 will be required to enroll in EIU 2919 the following fall or spring semester in lieu of making an academic plan with the Assistant Director of the Academic Success Center. Students must complete the course with a "C" or better. Failure to enroll in this course by the first day of classes will result in a hold being placed on the student's record. This course may not be dropped; and
- If, since the date of academic dismissal, the student has attempted course work at a regionally accredited college or university, the student provides an official transcript for the coursework showing a composite GPA in the course work of at least 2.00 on a scale of 4.00 (or, if the student is attending the regionally accredited college or university at the time of application for readmission, a statement from that institution indicating that the student is earning at least a 2.00 on a scale of 4.00 for coursework attempted by that student subsequent to academic dismissal from Eastern Illinois University will suffice until the official transcript can be sent at the end of the term).

Students who have been academically dismissed are eligible for readmission only at the beginning of a spring or fall term; they are not allowed to re-enter during a summer term.

If the student fails to satisfactorily complete the requirements of the written academic plan by midterm of the semester of readmission, a hold will be placed on the student's record that will be removed upon the student's satisfactory completion of the requirements of the written academic plan.

Readmitted students re-enter the University with the cumulative GPA they had upon dismissal and are placed on academic probation. This probationary status will continue so long as the student satisfies the conditions specified in the section on "Academic Probation." Students who fail to make satisfactory progress will be dismissed and may not be reinstated except by approval of the Academic Reinstatement Committee.

Reinstatement Following Second Academic Dismissal

Students who have been academically dismissed for a second time may be reinstated only if they submit a readmission form and a written petition for reinstatement and the petition is granted by the Academic Reinstatement Committee. Petition forms are available on the University's web site and from the Office of the Registrar and Enrollment Management, Room 1221 Old Main. The petition for reinstatement must be submitted to the Office of the Registrar and Enrollment Management no later than the third Monday in June (seeking reinstatement for the Fall semester) or the third Monday in October (seeking reinstatement for the Spring semester); no petitions are accepted for the Summer term.

As a condition of reinstatement, students who are reinstated following a second academic dismissal must enroll in General Studies 1000 during the term in which he or she re-enters the University.

GPA and Intercollegiate Activities

A student must have a cumulative GPA of 2.00 or better to participate in intercollegiate activities. Consequently, a student who is on academic probation is not eligible for such participation. This exclusion does not apply to a first-time entering freshman who has attempted fewer than 30 semester hours at EIU.

Academic Integrity

It is assumed that students will honor the tradition of academic honesty. Should incidents of suspected classroom cheating or plagiarism occur, however, the following steps will be taken:

1. The instructor who has witnessed academic dishonesty or who has other evidence that academic dishonesty has occurred will confront the student to inform him/her of the allegation. Time permitting, the instructor will contact the Judicial Affairs Office prior to talking with the student. If the student admits the violation, the instructor will assess an appropriate academic penalty and will inform the Judicial Affairs Office using a Notation of Academic Misconduct form.
2. If the student disputes the allegation, or if a sanction greater than a failing grade for the course is warranted, a hearing will be provided by the Judicial Affairs Office in accordance with provisions of the Student Conduct Code. If as a result of the hearing the student is found responsible for the violation, the instructor will assess an appropriate academic penalty. Other sanctions such as disciplinary probationary status or separation from the institution can be imposed by the University's disciplinary system. Full conditions and explanations are cited in the Student Conduct Code. A student accused of academic dishonesty in a course may not drop the course until such time as disciplinary action, if any, is concluded. A grade (A, B, C, D, F, CR, NC, AU, I, W, X) may be changed to reflect the disciplinary sanction, if any, imposed as a result of academic dishonesty. In the event that the alleged violation occurs at the end of a term, no grade shall be assigned pending conclusion of the disciplinary process. All students are subject to the provisions of the University's Student Conduct Code, available online at www.eiu.edu/~judicial.

Academic Load

For purposes of certifying that a student is full time academically, such student must be enrolled for at least 12 semester hours each semester and during the summer term.

For loan deferments, a student must be enrolled in 12 semester hours during Summer Term for full-time or six semester hours for half time.

Undergraduate Student in Good Standing

Normal Load: The normal load during a semester is 15-18 semester hours.

Maximum Load--Student Teaching Semester: Students may enroll for no more than 15 semester hours during the semester in which they student

teach except Special Education, Early Childhood Education majors, Early Childhood majors with dual certification in Elementary Education, and Family and Consumer Sciences majors, who may enroll for a maximum of 17 semester hours.

Summer Term: The maximum load for a student without an approved overload is 15 semester hours. Overloads are permitted during the summer term only with the permission of the student's College Dean and may not exceed three hours. The maximum load for a student with an approved overload is 18 semester hours.

Semester Overload: An undergraduate student with a minimum of sophomore standing may enroll for up to and including 21 semester hours during the fall or spring semesters (except during the student teaching semester) providing he/she has earned the following cumulative grade point average at EIU:

Freshman.....	No overload
Sophomore	3.00
Junior	2.75
Senior	2.50

No student may enroll for more than 21 semester hours.

Concurrent Enrollment. The above academic load limits also apply to a student who is concurrently enrolled at Eastern and another college or university.

Undergraduate Student on Academic Warning or Academic Probation:

An undergraduate student on academic warning or academic probation may enroll for a maximum of 15 semester hours during a fall or spring semester and a maximum of 12 semester hours during summer. Enrollment in EIU 2919, Strategies for Academic Success (1-0-1) is NOT included in the maximums.

It is highly recommended that an undergraduate student on academic warning or academic probation enroll for no more than four semester hours during the Summer 4 session and no more than eight semester hours during the Summer 6 and Summer 8 sessions combined.

Auditing of Courses

Fees for auditing are the same as those for students taking an equivalent amount of work for credit. Students enrolled for full-time academic work must include any courses they wish to audit as part of the maximum load permitted them; change of enrollment from "audit" to "credit" or from "credit" to "audit" may be made only during the six calendar days following the first day of classes.

Students must have the approval of the instructor for auditing a course. If, in the opinion of the instructor, student exposure and effort expended in the course deserve the entry of Audit, the student will receive the course entry "AU" on his/her permanent record. If not, no entry will be made.

Class Attendance

Students are expected to attend class meetings as scheduled. When an absence does occur, the student is responsible for the material covered during the absence. When possible, the student should notify the instructor in advance of an anticipated absence.

Instructors will grant make-up privileges (when make-up is possible) to students for properly verified absences due to illness, emergency, or participation in an official University activity; and such absences will not militate against students in classes in which attendance is used directly in determining final grades. It is the student's responsibility to initiate plans for make-up work and to complete it promptly. If in the instructor's judgment the duration or number of absences renders make-up unfeasible, the instructor may contact the Vice President for Student Affairs and the Department Chairperson to determine an appropriate action.

Except for the above stipulations, each instructor sets his or her own policy with respect to class attendance and make-up work; excuses for absence are handled between the instructor and the student. At the beginning of each grading period, the instructor shall announce, in writing, his or her policy regarding absence, make-up, and late work. Instructors planning to use attendance directly in determining final grades must have written departmental approval and must indicate this intention and the reason, in writing, on the first day of class.

If the instructor believes verification of an illness treated by the University Health Service is warranted, the instructor must ask the student to sign a

release at the Health Service so that the instructor can call for verification. If a student establishes a record or pattern of absences of concern to the instructor, the instructor may ask of the Vice President for Student Affairs that inquiries concerning the absences be made. The Vice President for Student Affairs also serves as the University contact person when catastrophic events result in extended student absences.

Any student who feels that he or she has been treated unfairly concerning absences or has been misinformed by a faculty member regarding that instructor's absence policy shall have the right to appeal through the department Chairperson, or in the event the instructor is the Chairperson, through the appropriate Dean.

Course Enrollment

A student may not enroll in, take a proficiency examination in, or repeat a course which is prerequisite for a course for which he/she has credit or which substantially duplicates, at a lower level, a course or courses which he/she has successfully completed. Should a student violate this regulation, he/she will not receive credit for the course toward graduation and the grade will not be included in any grade point computations.

Generally, courses numbered 1000-1999 are freshman courses; 2000-2999, sophomore courses; 3000-3999, junior courses; 4000-4999, senior courses; and 5000-6999, graduate courses. However, if prerequisites are met, students may enroll according to the following schedule:

CLASS	COURSES NUMBERED				
Freshman	1000	2000	a	a	
Sophomore	1000	2000	3000	a	
Junior	1000	2000	3000	4000	
Senior	1000	2000	3000	4000	5000-5499b
Graduate			4750-4999	5000-6999	

a. Courses numbered 3000-4999 in chemistry, foreign languages, mathematics, and military science may be taken by students who have prerequisites and permission of the department chairperson.

b. Courses numbered 5000-5499 may be taken by students who have a 2.75 GPA and permission of instructor and Dean of the Graduate School.

Field Trips

Field trips which are required class activities are stated with the course description and announced in the class schedule when the course is offered. The cost of the field trip will also be included in the class schedule.

Final Examination Changes

The final examination schedule is published in the Class Schedule prior to the beginning of each term. Students are urged to review the schedule prior to registration to avoid conflicts.

Students with three final examinations on a single day may change the date of one of the final examinations with the approval of the instructor. Requests must be made at least five working days prior to the first final exam period. Requests for changes for medical or personal emergencies may also be considered. In cases not resolved between the student and the instructor, the Department Chair will seek resolution.

Repeating Courses

All Students

Unless otherwise stipulated in the catalog description, only courses in which grades of D, F, or NC (NOT A, B, C, or CR) were received may be repeated. A student who receives a grade of D or F in an undergraduate course may repeat the course at Eastern. The highest grade received for the course, taken at Eastern, will automatically be included in the computation of the cumulative GPA. The initial grade and the repeat grade will appear on the student's record.

The student must not have been enrolled in or received credit for a higher level course for which the repeat course is a prerequisite, nor may he/she repeat a course which substantially duplicates, at a lower level, a course or courses which he/she has already successfully completed.

Withdrawal from a Course

1. During a Fall or Spring Semester, a student may withdraw from a course on or before the 10th class day and not receive a grade.
2. From the 11th class day until the close of business on the Friday of the 11th class week of the semester, a student may withdraw from a course with a grade of "W." After the Friday of the 11th class week or

equivalent a student may initiate a withdrawal from a course or the University through the late withdrawal process. Cutoff dates for intersession and summer terms are reduced proportionately. Specific withdrawal dates are established for each term. These dates are published in the class schedule for the appropriate term.

Late/Retroactive Withdrawals

A student may request a late/retroactive withdrawal through the course instructor when a documented illness or extraordinary circumstance prevents withdrawal from a course by the established deadlines. Failing a class is not an appropriate reason to seek a late/retroactive withdrawal. Students who are failing a course should follow the "Repeating Courses" policy stated in the catalog. The deadline for a filing for a late withdrawal for fall semester is March 15th for the immediately preceding fall semester and October 15th for the immediately preceding spring or summer. Students will be assessed a non-refundable \$25 Late Withdrawal Fee per late withdrawn credit with a maximum of \$100 per occurrence.

The Office of the Registrar and Enrollment Management will forward all appeals of the Registrar's determination of Late/Retroactive Withdrawal to the Appeal Committee, whose decision is final and not subject to further appeal.

Procedures for submitting/responding to late/retroactive withdrawals requests are available at <http://www.eiu.edu/~registra/retro.html>

Administrative Drop

In order to maximize student access to courses, to reduce empty classroom seats, and to ensure smooth financial aid processing, the following administrative drop procedure is suggested:

Department Chairs may initiate an administrative drop of a student based on the following criteria:

1. For a traditional course, the student has not attended class **by the time 5th day rosters are issued** and has not made successful contact with the instructor to explain the absence.
2. The student has not met course prerequisites, co-requisites, or registration restrictions.

The instructor may send a list of students to the department chair who will forward the list to the Office of the Registrar and Enrollment Management.

Students who are administratively dropped will be notified by EIU E-mail. Administrative drops may affect minimum load requirements, student financial aid status, student fees, graduation requirements or other areas. It is the responsibility of the student to meet financial aid requirements, initiate any refund processes, and follow university guidelines concerning other obligations that may be affected by the drop. Information on refunds, financial aid and other student obligations may be found in the EIU catalog.

Students auditing are subject to the same attendance policy as those taking classes for credit.

Students enrolled in technology-delivered courses are subject to the same attendance policy. Students not making contact with the instructor **by the time 5th day rosters are issued** may be administratively dropped from the course.

Students taking weekend courses are subject to the same attendance policy. Students not making contact with the instructor by the end of the first day of class may be administratively dropped from the course.

Withdrawal from the University

Rules governing grading practices upon withdrawal from the University are the same as those listed above for withdrawal from a course.

A student who wishes to withdraw completely from the University before the end of a semester or summer term should drop all classes using PAWS or contact the Office of the Registrar and Enrollment Management. The Office of the Registrar and Enrollment Management shall notify appropriate departments and agencies of the withdrawal. The student is responsible for making sure all obligations to the University have been met.

Notice of intention to withdraw should be made in person, although a letter addressed to the Office of the Registrar and Enrollment Management declaring intention to withdraw and postmarked within the stated period is deemed equivalent to notice submitted personally.

Policies governing withdrawal because of a call to active military duty are administered by the Registrar. Upon the written recommendation of a licensed physician or a licensed mental health professional, and with the concurrence of the Director of the Health Service or the Director of the Counseling Center, a student may be granted permission to officially withdraw from all courses from the University.

Commencement

Degrees are granted at the close of the Fall and Spring Semesters. Students entitled to participate in commencement exercises are only those whose current enrollment in correspondence, continuing education, and residence at this University or elsewhere makes possible the completion of all graduation requirements by the close of the semester in which commencement is held. Participation in graduation ceremonies does not obligate the University to confer a degree unless all requirements have been satisfactorily completed.

Application for Degree Audit

Students should apply for review of their degree requirements in the first semester of the junior year. A student may expect to receive a Degree Audit, indicating the student's progress toward completion of degree requirements. Application is through the PAWS Web Services under the Office of the Registrar and Enrollment Management link. The application form is submitted by the student, billed to the student's account and approved by the certifying dean.

Completion of Graduation Requirements

All requirements for degrees must have been completed by the close of the grading period in which graduation is sought. It is the student's responsibility to notify the Office of the Registrar and Enrollment Management and the certifying dean of any courses being taken at other institutions which will complete the requirements for graduation. Documentary evidence that all degree requirements have been completed must be in the Office of the Registrar and Enrollment Management no later than the Friday immediately preceding the first day of the next succeeding semester or term following the Summer Term or Fall Semester graduation and no later than May 31 following Spring Semester graduation. The diploma will not be given to the student and the conferral of the degree will not be recorded on the student's permanent record until all such documents have been received.

If the student does not complete graduation requirements at the end of the grading period, he/she must make re-application for graduation. No additional fees will be charged.

The deadline date for applying for graduation is listed in the calendar in the University Catalogs and/or class schedules.

Degrees with Distinction

To be eligible for a degree with distinction, a student must have completed at least 56 semester hours of course work at EIU, including at least 40 semester hours of graded courses (exclusive of work taken on the Credit/No Credit Option). The 56 semester hours at EIU and the 40 semester hours of graded courses may not be waived.

Eligible students who have a cumulative grade-point average of 3.90 to 4.00 are graduated **summa cum laude**; those with a cumulative grade-point average of 3.80 through 3.89 are graduated **magna cum laude**; and those with a cumulative grade-point average of 3.65 through 3.79 are graduated **cum laude**. Students who qualify for degrees with distinction wear an appropriate chevron as part of their academic attire at commencement and their names appear in the commencement program as being awarded Degrees with Distinction. All grades earned at EIU are counted in computing the cumulative GPA. Grades earned during the final grading period are not used for compiling the tentative list developed for commencement. Transcript notations of graduating **cum laude**, **magna cum laude**, and **summa cum laude** are based on the student's total cumulative grade-point average, including the final grading period.

Note: The calculation of GPA for degrees with distinction will be based only on work taken at EIU.

Graduation Fee

The graduation fee for the bachelor's degree is \$25. This fee must be paid at the time the student initially applies for a Degree Requirements Review (see above) and does not include the cost of cap and gown rental. The last day for applying for graduation is listed in the University calendar and/or Class Schedule.

Special Examinations

Students may be required to take one or more of the following examinations:

1. All students in teacher certification programs are required to take the Illinois Certification Testing System (ICTS) test of basic skills. Students are required to pass this test for selection. Under Illinois law, no student can be admitted to a teacher education program without first passing the Basic Skills Test.
2. All students in teacher certification programs are also required to take the ICTS content-area examination and the Assessment of Professional Teaching Test. The content-area exam must be passed before an individual can commence to student teach. Information on all of the ICTS tests and registration materials are available at www.icts.nesinc.com or in Room 1420 Buzzard Hall.
3. Undergraduates may be required to complete an examination as part of Eastern's goal to assess student learning outcomes.
4. Students who plan on attending graduate school are encouraged to contact the Graduate School Office for information concerning graduate school admission tests (GRE, GMAT, MAT, etc.)

Teacher Certification

All teacher certification students must purchase LiveText and participate in the Unit Assessment System for Teacher Education. Additional information is available at the College of Education and Professional Studies website, www.eiu.edu/ceps/teached.

Candidates for certification as teachers, administrators, or school service personnel should apply for certification early in the term in which they will complete their requirements. The University, however, will not approve and release the application until all work actually has been completed and the student has met all requirements of the appropriate program and degree.

Transcripts

The Office of the Registrar and Enrollment Management will make a transcript of the academic record of a student when requested to do so. Unless specific instructions are given to the contrary, it is understood that the Office of the Registrar and Enrollment Management has permission of the student to send his/her transcript to employing and certifying agencies, such as schools, boards of education, businesses, and the state department of education, when such an agency requests it.

All requests for transcripts must be in writing, either by letter or on the request form supplied by the Office of the Registrar and Enrollment Management. The time required for preparation and mailing of transcripts varies; during enrollment and at the end of grading periods there may be a delay of several days.

A fee of \$5 is charged for each transcript issued. The fee for rush transcripts, processed within 24 hours, is \$10.00. Immediate transcripts are available for \$15.00. Transcripts will be issued only for students whose records are clear.

IV. GENERAL EDUCATION

Responsible Global Citizenship through Mindful Scholarship

General Education at Eastern Illinois University offers students an intellectual foundation for their future academic, professional, and personal lives. Mindful scholarship necessitates not only dedicated study but also reflection on the purposes and consequences of that study. By fostering serious and enthusiastic learning, Eastern Illinois University seeks to instill the value of intellectual curiosity and lifelong education in its students. Equipped with the values and traditions of scholarship, students will be better prepared to fulfill their duties as responsible citizens and capable leaders in a diverse world.

The mission of the General Education program at Eastern Illinois University is three-fold:

- to enhance student literacy and oral communication
- to encourage students to think critically and reflectively
- to introduce students to knowledge central to responsible global citizenship

Enhancing Literacy and Oral Communication

Mindful scholarship requires that students listen and read critically as well as write and speak clearly and effectively. Additionally, functioning in a global society requires an appreciation of communication within and among cultures through both the written and spoken word. Therefore, a foundation for further exploration within the general education curriculum, for study in one's major area, and for developing a successful career, requires both course work in and assessment of written and oral communication skills.

Critical and Reflective Thinking

Mindful scholars engage in a process of critical thinking learned through study in the traditional disciplines: physical and biological sciences, social and behavioral sciences, and humanities and fine arts. Developing analytical thinking skills and working in the modern world require knowledge of mathematics. Additionally, study in any of the sciences requires mathematical skills. Consequently, the general education program requires one course from a select group in that discipline.

In physical and biological science courses, students experience the rigor and practice of scientific inquiry through classroom and laboratory experiences. They learn to consider analytically the methods of describing, predicting, understanding, and explaining physical and biological phenomena. In these courses, students confront the social, economic, political, and ethical implications of science and technology as well as the dilemmas they create.

The social and behavioral sciences focus more directly on understanding society and the individual. In these courses, students will have the opportunity to apply various methods of inquiry and analysis, both quantitative and qualitative, to the study of the human condition. These sciences emphasize the importance of understanding the diversity of human cultures, their socio-historical context, and one's personal responsibility for being not only a good citizen, but also a steward of the environment.

The humanities provide sources and methods for reflection upon human experience in its historical, literary, philosophical, and religious dimensions. The basis of instruction in these disciplines is primarily the interpretation and critical analysis of written texts. The goal of humanities courses is to provide students with the foundations and methods necessary for a critical understanding of languages, cultures, and traditions, including those that are different from their own. Courses in the fine arts provide students with a basis for understanding and evaluating musical, theatrical, and visual works in terms of their production and aesthetic reception. In these areas students learn to apply historical, philosophical, and critical concepts to specific works and genres. The goal of instruction in the fine arts is to provide students with the foundations and methods necessary for a critical appreciation of various artistic and aesthetic traditions, as well as the evaluation of particular musical, theatrical, or visual works.

In the general education program students explore the variety of ways of knowing through the disciplinary foundations of a liberal arts education.

These courses help students become more mindful of the relationships among self, society, and the environment. Such preparation is vital as society becomes more complex, interdependent, and reflective of diversity. Collectively, the courses in general education encourage students to develop critical and reflective thinking as an intellectual habit.

Responsible Global Citizenship

The general education curriculum is also designed to develop and strengthen those attitudes and behaviors integral to responsible global citizenship—ethical behavior, civic participation, an understanding of history, and an appreciation of diversity both at home and abroad. Responsible citizens not only comprehend world-shaping forces and events and the varied experiences that have shaped human culture, but also use that understanding to make informed, objective, and ethical decisions. They understand their responsibility as educated members of society and actively participate in their communities. Finally, responsible global citizens appreciate the diversity of the world in which they work and live. As part of their general education program, all students are required to complete a course with a focus on cultural diversity.

Writing Across the General Education Curriculum

All of Eastern's general education courses require writing. Four of these courses—English 1001G and 1002G and their honors equivalents, 1091G and 1092G—are writing-centered. In these courses students learn the principles and the process of writing in all of its stages, from inception to completion. The quality of students' writing is the principal determinant of the course grade. The minimum writing requirement is 20 pages (5,000 words).

Other general education courses, including all senior seminars, are writing-intensive. In such courses several writing assignments and writing activities are required. These assignments and activities, which are to be spread over the course of the semester, serve the dual purpose of strengthening writing skills and deepening understanding of course content. At least one writing assignment is to be revised by the student after it has been read and commented on by the instructor. In writing-intensive courses, at least 35% of the final course grade should be based on writing activities.

Remaining general education courses are writing-active. In writing-active courses, frequent, brief writing activities and assignments are required. Such activities -- some of which are to be graded -- might include five-minute in-class writing assignments, journal keeping, lab reports, essay examinations, short papers, longer papers, or a variety of other writing-to-learn activities of the instructor's invention. Writing assignments and activities in writing-active courses are designed primarily to assist students in mastering course content, secondarily to strengthen students' writing skills.

Assessment and General Education

The General Education program is constantly undergoing assessment by the faculty who participate in it. The Committee for the Assessment of Student Learning (CASL) coordinates these activities and provides recommendations to the Council on Academic Affairs relative to student learning in the program.

Study Abroad

Study Abroad courses may be used to fulfill General Education area requirements. In order for a study abroad course to fulfill an area of General Education, it must either be indicated as such in the Study Abroad Course Database (hosted online by the Office of Study Abroad) or individually approved by the Department Chair of the department the course is housed in via the Course Approval Form (distributed by the Office of Study Abroad).

Semester Hour Requirements in the General Education Program

Humanities and Fine Arts	9 hours
Language	9 hours
Mathematics	3 hours
Scientific Awareness	7 hours
Social and Behavioral Sciences	9 hours
Senior Seminar	3 hours
TOTAL	40 hours

Students following catalogs prior to Fall 2006 must satisfy the constitution requirement.

Please refer to the catalog section titled "Academic Regulations and Requirements," for the complete list of requirements for graduation.

General Education Courses Required of ALL Teacher Certification Candidates Either as Part of the Above Required 40 s.h. or in addition to the IAI Core or Transfer General Education:

- A 3 sh Diversity Course or Third World/Non-Western Course
- "C" or better in ENG 1001G, ENG 1002G, CMN 1310G or their equivalents
- "C" or better in 3 sh of college level math
- PLS 1153G or HIS 3600G or an equivalent US Constitution course

Note: Post-baccalaureate Teacher Certification Candidates must meet all general education requirements with the exception of Senior Seminar.

Cultural Diversity

Eastern Illinois University seeks to foster cultural understanding to assist its students to become responsible citizens in a diverse world. The general education curriculum furthers this objective by requiring students to complete at least one course carrying the cultural diversity designation. Appropriate courses will focus on one or more of the following in their content: the study of diverse peoples (including issues of race, ethnicity, and gender) at home and abroad; the history, traditions, and/or language of other countries or cultures; and the role of cultural sensitivity in making informed and ethical decisions. Cultural diversity courses are marked with an asterisk following the course title.

General Education Courses Listed by Segment

Complete descriptions of courses are available in catalog section titled "Course Descriptions."

Humanities and Fine Arts

(9 Semester Hours)

The student must successfully complete at least one course from humanities and one from fine arts; courses must represent at least two different disciplines.

Humanities

African American Studies

AFR 1000G - Introduction to African American Studies. Credits: (3-0-3)
AFR 2000G - African American Experience. Credits: (3-0-3)

English

ENG 2009G - Literature and Human Values 1, 2, 3, 4. Credits: (3-0-3)
ENG 2011G - Literature, the Self and the World 1, 2, 3. Credits: (3-0-3)
ENG 2091G - Literature, the Self, and the World 1, 2, 3, Honors. Credits: (3-0-3)
ENG 2099G - Literature and Human Values 1, 2, 3, 4, Honors. Credits: (3-0-3)
ENG 3009G - Myth and Culture. Credits: (3-0-3)*
ENG 3010G - Literary Masterworks. Credits: (3-0-3)
ENG 3090G - Literary Masterworks, Honors. Credits: (3-0-3)
ENG 3099G - Myth and Culture, Honors. Credits: (3-0-3)*
ENG 3100G - Cultural Foundations I. Credits: (3-0-3)*
(cross listed with PHI 3100G)
ENG 3110G - Cultural Foundations II. Credits: (3-0-3)*
(cross listed with PHI 3110G)

Foreign Language

FLE 2061G - German Literature in Translation. Credits: (3-0-3)*
FLE 2062G - Hispanic Literature in Translation. Credits: (3-0-3)*
FLE 2063G - Francophone Literature in Translation. Credits: (3-0-3)*
FLF 2201G - Intermediate French I. Credits: (4-0-4)*
FLF 2202G - Intermediate French II. Credits: (4-0-4)*
FLG 2201G - Intermediate German I. Credits: (4-0-4)*
FLG 2202G - Intermediate German II. Credits: (4-0-4)*
FLL 2201G - Intermediate Latin I. Credits: (4-0-4)*
FLL 2202G - Intermediate Latin II. Credits: (4-0-4)*
FLS 2201G - Intermediate Spanish I. Credits: (4-0-4)*
FLS 2202G - Intermediate Spanish II. Credits: (4-0-4)*

History

HIS 1500G - Roots of the Modern World: Society and Religion. Credits: (3-0-3)*
HIS 1510G - Roots of the Modern World: Slavery and Freedom. Credits: (3-0-3)*
HIS 1520G - Roots of the Modern World: Global Interactions. Credits: (3-0-3)*
HIS 1590G - Roots of the Modern World: Society and Religion,

Honors. Credits: (3-0-3)*
HIS 1591G - Roots of the Modern World: Slavery and Freedom, Honors. Credits: (3-0-3)*
HIS 1592G - Roots of the Modern World: Global Interactions, Honors. Credits: (3-0-3)*
HIS 2010G - History of the United States to 1877. Credits: (3-0-3)
HIS 2020G - History of the United States Since 1877. Credits: (3-0-3)
HIS 2090G - History of the United States to 1877, Honors. Credits: (3-0-3)
HIS 2091G - History of the United States Since 1877, Honors. Credits: (3-0-3)

Philosophy

PHI 1000G - Introduction to Philosophy. Credits: (3-0-3)
PHI 1090G - Introduction to Philosophy, Honors. Credits: (3-0-3)
PHI 1200G - Introduction to Religious Studies. Credits: (3-0-3)
PHI 1290G - Introduction to Religious Studies, Honors. Credits: (3-0-3)
PHI 1900G - Logical and Critical Reasoning. Credits: (3-0-3)
PHI 1990G - Logical and Critical Reasoning, Honors. Credits: (3-0-3)
PHI 3100G - Cultural Foundations I. Credits: (3-0-3)*
(cross listed with ENG 3100G)
PHI 3110G - Cultural Foundations II. Credits: (3-0-3)*
(cross listed with ENG 3110G)

Fine Arts

Art

ART 2012G - Nonwestern Fine Arts. Credits: (3-0-3)*
ART 2310G - Introduction to Art. Credits: (1-4-3)
ART 2330G - Art Appreciation. Credits: (3-0-3)
ART 2601G - History of Art I. Credits: (3-0-3)
ART 2602G - History of Art II. Credits: (3-0-3)
ART 2691G - History of Art I, Honors. Credits: (3-0-3)
ART 2692G - History of Art II, Honors. Credits: (3-0-3)
ART 3340G - Multicultural Aesthetics. Credits: (1-4-3)*
ART 3610G - African Art. Credits: (3-0-3)*
ART 3611G - Art in India and Southeast Asia. Credits: (3-0-3)*
ART 3612G - Art in China and Japan. Credits: (3-0-3)*

Music

MUS 2555G - Interacting with Music. Credits: (3-0-3)
MUS 2557G - The Evolution of Jazz & Rock. Credits: (3-0-3)
MUS 3550G - Survey of American Music. Credits: (3-0-3)
MUS 3553G - Survey of Musical Masterworks. Credits: (3-0-3)
MUS 3562G - Non-Western Music. Credits: (3-0-3)*
MUS 3592G - Non-Western Music, Honors. Credits: (3-0-3)*
MUS 3593G - Survey of Musical Masterworks, Honors. Credits: (3-0-3)

Physical Education

PED 2900G - International Expression for Dance. Credits: (3-0-3)

Theatre Arts

THA 2010G - Arts Omnibus. Credits: (2-2-3)
THA 2012G - Non-Western Theatre. Credits: (3-0-3)*
THA 2140G - Introduction to the Theatre. Credits: (3-0-3)*
THA 2190G - Introduction to the Theatre, Honors. Credits: (3-0-3)*
THA 3751G - Theatre History I. Credits: (3-0-3)*
THA 3752G - Theatre History II. Credits: (3-0-3)*
THA 3753G - Development of American Theatre and Drama. Credits: (3-0-3)
THA 3754G - American Theatre on Film. Credits: (3-1-3)
THA 3755G - African-American Theatre. Credits: (3-0-3)*
THA 3793G - Development of American Theatre and Drama, Honors. Credits: (3-0-3)

Language

(9 Semester Hours)

The requirement is three courses: two in reading and writing and one in listening and speaking. These courses are graded A, B, C, N/C; courses transferred in fulfillment of these requirements will be accepted only if they were completed with grades of "C" or higher.

Note: A grade of "C" or better in English 1001G, English 1002G, and Communication Studies 1310G or in accepted substitutions is a requirement for the Bachelor's degree at Eastern as well as a General Education requirement.

Communication Studies

CMN 1310G - Introduction to Speech Communication. Credits: (3-0-3)
 CMN 1390G - Introduction to Speech Communication, Honors.
 Credits: (3-0-3)

English

ENG 1001G - Composition and Language. Credits: (3-0-3)
 ENG 1002G - Composition and Literature. Credits: (3-0-3)
 ENG 1091G - Composition and Language, Honors. Credits: (3-0-3)
 ENG 1092G - Composition and Literature, Honors. Credits: (3-0-3)

Mathematics

(3 Semester Hours)

Mathematics

MAT 1160G - Mathematics: A Human Endeavor. Credits: (3-0-3)
 MAT 1170G - Problem Solving. Credits: (3-0-3)
 MAT 1441G - Calculus and Analytic Geometry I. Credits: (5-0-5)
 MAT 2110G - Brief Calculus with Applications. Credits: (3-0-3)
 MAT 2120G - Finite Mathematics. Credits: (3-0-3)
 MAT 2190G - Finite Mathematics, Honors. Credits: (3-0-3)
 MAT 2250G - Elementary Statistics. Credits: (4-0-4)
 MAT 2290G - Elementary Statistics, Honors. Credits: (4-0-4)
 MAT 2420G - Introductory Geometry. Credits: (3-0-3)

Scientific Awareness

(7 Semester Hours)

The requirement is at least one course in the biological sciences and one in the physical sciences. At least one of the courses must be a laboratory course.

Biological Sciences

BIO 1001G - Biological Principles and Issues. Credits: (2-2-3)
 BIO 1002G - Practical Botany. Credits: (2-2-3)
 BIO 1003G - Life of Animals. Credits: (2-2-3)
 BIO 1004G - Practical Microbiology. Credits: (2-2-3)
 BIO 1091G - Biological Principles and Issues, Honors. Credits: (2-2-3)
 BIO 1092G - Practical Botany, Honors. Credits: (2-2-3)
 BIO 1093G - Life of Animals, Honors. Credits: (2-2-3)
 BIO 1094G - Practical Microbiology, Honors. Credits: (1-4-3)
 BIO 1200G - General Botany. Credits: (3-3-4)
 BIO 1300G - Animal Diversity. Credits: (3-3-4)
 BIO 2001G - Human Physiology. Credits: (3-2-4)
 BIO 2002G - Environmental Life Sciences. Credits: (3-0-3)
 BIO 2003G - Heredity and Society. Credits: (3-0-3)
 BIO 2091G - Human Physiology, Honors. Credits: (3-2-4)
 BIO 2092G - Environmental Life Sciences, Honors. Credits: (4-0-4)
 BIO 2093G - Heredity and Society, Honors. Credits: (4-0-4)
 BIO 3888G - Subtropical and Marine Ecology. Credits: (Arr.-Arr.-4)

Physical Sciences**Chemistry**

CHM 1040G - The World of Chemistry. Credits: (3-2-4)
 CHM 1310G - General Chemistry I. Credits: (3-0-3)
 CHM 1315G - General Chemistry Laboratory I. Credits: (0-3-1)
 CHM 1390G - General Chemistry I, Honors. Credits: (3-0-3)
 CHM 1395G - General Chemistry Laboratory I, Honors. Credits: (0-3-1)
 CHM 2040G - Practical Chemistry. Credits: (3-0-3)

Earth Science

ESC 1300G - Introduction to Earth Sciences. Credits: (3-2-4)
 (cross listed with GEL 1300G)
 ESC 1390G - Introduction to Earth Sciences, Honors. Credits: (3-2-4)
 (cross listed with GEL 1390G)
 ESC 1400G - Weather and Climate. Credits: (3-2-4)
 ESC 1490G - Weather and Climate, Honors. Credits: (3-2-4)
 ESC 2450G - Oceanography. Credits: (3-0-3)
 (cross listed with GEL 2450G)
 ESC 3010G - Environmental Physical Sciences. Credits: (3-0-3)
 (cross listed with GEL 3010G)

Geology

GEL 1300G - Introduction to Earth Sciences. Credits: (3-2-4)
 (cross listed with ESC 1300G)
 GEL 1390G - Introduction to Earth Sciences, Honors. Credits: (3-2-4)
 (cross listed with ESC 1390G)
 GEL 2300G - Science and Technology: A Promise or a Threat?
 Credits: (3-0-3)
 (cross listed with INT 2300G)

GEL 2450G - Oceanography. Credits: (3-0-3)
 (cross listed with ESC 2450G)

GEL 3010G - Environmental Physical Sciences. Credits: (3-0-3)
 (cross listed with ESC 3010G)

Industrial Technology

INT 2200G - Materials Science. Credits: (3-0-3)
 INT 2300G - Science and Technology: A Promise or a Threat?
 Credits: (3-0-3)
 (cross listed with GEL 2300G)

Physics

PHY 1051G - Physics of the Modern World. Credits: (3-0-3)
 PHY 1052G - Adventures in Physics. Credits: (3-0-3)
 PHY 1053G - Adventures in Physics Laboratory. Credits: (0-2-1)
 PHY 1055G - Principles of Astronomy. Credits: (3-0-3)
 PHY 1056G - Principles of Astronomy Laboratory. Credits: (0-2-1)
 PHY 1095G - Principles of Astronomy, Honors. Credits: (3-0-3)
 PHY 1096G - Principles of Astronomy Laboratory, Honors.
 Credits: (0-2-1)
 PHY 1151G - Principles of Physics I. Credits: (3-0-3)
 PHY 1152G - Principles of Physics I. Laboratory. Credits: (0-2-1)
 PHY 1351G - General Physics I. Credits: (3-0-3)
 PHY 1352G - General Physics I Laboratory. Credits: (0-3-1)
 PHY 1391G - General Physics I, Honors. Credits: (3-0-3)
 PHY 1392G - General Physics I Laboratory, Honors. Credits: (0-3-1)
 PHY 3050G - Excursions in Physics. Credits: (3-0-3)

Social and Behavioral Sciences

(9 Semester Hours)

Courses must be selected from at least two different disciplines.

Social/Behavioral Sciences**Anthropology**

ANT 2200G - Introduction to Anthropology. Credits: (3-0-3)*
 ANT 2290G - Introduction to Anthropology, Honors. Credits: (3-0-3)*

College of Sciences

CSC 3001G - Survival of Humanity Credits: (3-0-3)*

Economics

ECN 2800G - Economics of Social Issues. Credits: (3-0-3)*
 ECN 2801G - Principles of Macroeconomics. Credits: (3-0-3)
 ECN 2802G - Principles of Microeconomics. Credits: (3-0-3)
 ECN 2891G - Principles of Macroeconomics, Honors. Credits: (3-0-3)
 ECN 2892G - Principles of Microeconomics, Honors. Credits: (3-0-3)

Geography

GEG 1100G - Cultural Geography. Credits: (3-0-3)*
 GEG 1190G - Cultural Geography, Honors. Credits: (3-0-3)*
 GEG 1200G - World Regional Geography. Credits: (3-0-3)*
 GEG 1290G - World Regional Geography, Honors. Credits: (3-0-3)*

Health Studies

HST 2200G - Health Citizenship. Credits: (3-0-3)*

History

HIS 3600G - The U.S. Constitution and the Nation. Credits: (3-0-3)
 HIS 3690G - The U. S. Constitution and the Nation, Honors.
 Credits: (3-0-3)
 HIS 3700G - Turning Points in the History of Religion and Science.
 Credits: (3-0-3)
 HIS 3790G - Turning Points in the History of Religion and Science,
 Honors. Credits: (3-0-3)

Journalism

JOU 2001G - Journalism and Democracy. Credits: (3-0-3)
 JOU 2091G - Journalism and Democracy, Honors. Credits: (3-0-3)

Philosophy

PHI 2500G - Introduction to Ethics. Credits: (3-0-3)
 PHI 2590G - Introduction to Ethics, Honors. Credits: (3-0-3)
 PHI 3050G - Social and Political Philosophy. Credits: (3-0-3)
 PHI 3700G - Language and Human Nature. Credits: (3-0-3)

Political Science

- PLS 1153G - American Government and Constitution. Credits: (3-0-3)
 PLS 1193G - American Government and Constitution, Honors.
 Credits: (3-0-3)
 PLS 2253G - Introduction to International Relations. Credits: (3-0-3)*
 PLS 2293G - Introduction to International Relations, Honors.
 Credits: (3-0-3)*

Psychology

- PSY 1879G - Introductory Psychology. Credits: (3-0-3)
 PSY 1890G - Introductory Psychology, Honors. Credits: (3-0-3)

Recreation Administration

- REC 3400G - World Leisure: A Cultural Perspective. Credits: (3-0-3)*

Sociology

- SOC 2710G - Introductory Sociology. Credits: (3-0-3)*
 SOC 2750G - Social Problems in Contemporary Society. Credits: (3-0-3)*
 SOC 2890G - Social Problems in Contemporary Society, Honors.
 Credits: (3-0-3)*

Women's Studies

- WST 2309G - Women, Men, and Culture. Credits: (3-0-3)*

Senior Seminar

(3 Semester Hours)

(To be taken after the student has completed 75 semester hours)

Senior seminars are offered in a number of subjects and disciplines each semester, each one organized around a particular subject/issue important to contemporary society. Each seminar is listed by title and instructor in the schedule of courses each semester. The student must successfully complete a seminar outside of his or her major.

The Senior Seminar at Eastern Illinois University is designed to be a cross-disciplinary culminating experience that will provide students with an opportunity to apply concepts and use skills developed in both their general education and major courses. Information about topics of major importance, e.g. the Holocaust, Social Movements, Women in Science, Technology, Controversies in Education, Sociobiology, etc. will be read, analyzed, discussed, and written about in a three semester-hour seminar led by a faculty member of a discipline different from those of the students. To allow ample time for writing and discussion, senior seminars will be limited to a maximum of 25 students. As an element of the general education curriculum, each senior seminar shall focus on some aspect of citizenship.

- EIU 4100G - Folklore, Culture, and Society. Credits: (3-0-3)
 EIU 4101G - Spaceship Earth: The Present State. Credits: (3-0-3)
 EIU 4102G - Technology and Society. Credits: (3-0-3)
 EIU 4103G - Physical Activity and Mental Wellness. Credits: (3-0-3)
 EIU 4104G - World Film: Language and Culture in Film. Credits: (3-0-3)
 EIU 4105G - Controversial Issues in Education. Credits: (3-0-3)
 EIU 4106G - War Stories. Credits: (3-0-3)
 EIU 4107G - The Idea of a University: Yesterday and Today.
 Credits: (3-0-3)
 EIU 4108G - The Changing World of Women. Credits: (3-0-3)
 EIU 4109G - The Politics of Human Rights. Credits: (3-0-3)
 EIU 4110G - Frontiers of Communication Credits: (3-0-3)
 EIU 4111G - Plants and Civilizations. Credits: (3-0-3)
 EIU 4112G - Women and Technology. Credits: (3-0-3)
 EIU 4113G - The European Union: A Multi-cultural Approach.
 Credits: (3-0-3)
 EIU 4118G - Sociobiology: The Biological Origins of Social Practices.
 Credits: (3-0-3)
 EIU 4121G - Leisure Time: The American Perspective. Credits: (3-0-3)
 EIU 4123G - Social Movements, Crowds, and Violence. Credits: (3-0-3)
 EIU 4125G - Cultural Diversity in the United States. Credits: (3-0-3)
 EIU 4126G - Body, Health, and Society Credits: (3-0-3)
 EIU 4128G - Politics and Popular Culture Credits: (3-0-3)
 EIU 4129G - Law and Technology Credits: (3-0-3)
 EIU 4131G- Modern Biomedical Science: Promise and Problems.
 Credits: (3-0-3)
 EIU 4142G- Telecommunication Issues in the Third Millennium
 Credits: (3-0-3)
 EIU 4151G - Nutritional Dilemmas and Decisions. Credits: (3-0-3)
 EIU 4155G - The European Witchhunts. Credits: (3-0-3)
 EIU 4157G - Impact of Communication Disorders: Adjusting to
 Cultural Demands. Credits: (3-0-3)

- EIU 4158G - Freedom of Expression: Dissent, Hate, and Heresy.
 Credits: (3-0-3)
 EIU 4160G - Personal Financial Investments Credits: (3-0-3)
 EIU 4161G - Theatre as a Soapbox. Credits: (3-0-3)
 EIU 4162G - Women's Voices: Women in the Theatre. Credits: (3-0-3)
 EIU 4165G - Journalistic Media in Society. Credits: (3-0-3)
 EIU 4167G - The Meaning of Life. Credits: (3-0-3)
 EIU 4168G - The Internet as a Social Phenomenon. Credits: (3-0-3)
 EIU 4169G - Women in Science. Credits: (3-0-3)
 EIU 4170G - History on Film. Credits: (3-0-3)
 EIU 4171G - History of Graphic Narratives. Credits: (3-0-3)
 EIU 4190G - Spaceship Earth: The Present State, Honors.
 Credits: (4-0-4)
 EIU 4191G - Leisure Time: The American Perspective, Honors.
 Credits: (4-0-4)
 EIU 4192G - Film and Contemporary Society, Honors Credits: (4-0-4)
 EIU 4193G - The Holocaust, Honors. Credits: (4-0-4)
 EIU 4194G - Leadership: Theory and Practice, Honors. Credits: (4-0-4)
 EIU 4195G - The European Witchhunts, Honors. Credits: (4-0-4)
 EIU 4196G - Journalistic Media in Society, Honors. Credits: (4-0-4)
 EIU 4197G - Freedom of Expression: Dissent, Hate, and Heresy,
 Honors. Credits: (4-0-4)
 EIU 4199G - The Politics of Human Rights, Honors. Credits: (4-0-4)
 EIU 4290G - Plants and Civilization, Honors. Credits: (4-0-4)

V. STUDY ABROAD

General Mission

International academic experiences help students develop the personal and professional skills required to become effective and viable global citizens in a diverse world. Eastern Illinois University recognizes study abroad as a fundamental component of excellence in higher education and encourages all students to take advantage of the fine opportunities available. It is the desire of the University to move study abroad from the exception to the norm and to emerge as a leader of international education within Illinois, the nation, and the world.

Office of Study Abroad

The Office of Study Abroad, in consultation with the International Programs Advisory Council, establishes and monitors policies and procedures for credit-bearing activities and programs that take place outside of the United States. The Office of Study Abroad is dedicated to providing EIU students with affordable, high quality international academic opportunities that allow them to develop the knowledge and skills necessary for leadership in an interdependent world. A resource center and full range of comprehensive services are available for students seeking to integrate an international experience into their studies at Eastern Illinois University. Campus-wide events and weekly information meetings are offered to provide additional information.

Program Options

Programs are offered all over the world and range in length from two weeks to an academic year. Program costs vary, but students are able to study abroad for less than it costs to study and live on campus. Students are encouraged to explore opportunities early in their academic career.

EIU Programs are posted at www.eiu.edu/~edabroad. These programs have been evaluated and approved to meet the goals of academic departments and the mission/strategic plan of the Institution at large. These programs offer EIU credit toward a variety of major, minor, and general education requirements. Deadlines vary by program and program type, but are generally March 1st for Summer and Fall programs and October 1st for Spring programs.

Non-EIU Programs must be approved by the Office of Study Abroad via a Petition for Program Approval. Like EIU programs, Non-EIU Programs may satisfy major, minor, and general education requirements if approval is granted by the appropriate Department Chairs. Unlike EIU Programs, the individual courses that a student takes do not appear on the transcript; rather, they are brought into the institution as simple transfer credit.

Program Types

EIU Exchange Programs

Eastern Illinois University and a partner institution abroad swap one or more students for a semester or academic year; the students pay their home institution tuition. This type of program keeps administrative costs low and is one of the most economical ways to study abroad. In order to keep balances in check, the number of students who can participate is limited. This makes exchange programs more competitive than others.

EIU One-Way Programs

Students enroll in a partner institution abroad that has an agreement with Eastern Illinois University. This institution has been evaluated and approved by the Office of Study Abroad and is monitored for quality academics and service. Since there is no intermediary, costs are kept to a minimum. The University works with counterparts at these institutions to provide an on-site orientation and student support services.

EIU Third-Party Providers

Students enroll in an institution abroad via an approved company or organization that is in the business of facilitating study abroad programs in a variety of locations around the world. Many of these Providers have resident directors available 24/7 and include tuition, housing, insurance, and excursions as a package deal. Because they are for-profit, they are usually the most expensive option in any given country. They do have a reputation of taking good care of students and handling a wide variety of issues that may arise.

EIU Faculty-Led

Departments may offer courses that have a study abroad component. These travel courses are usually more structured than the programs

above and are offered during the summer. They are led by a faculty member and tend to last between two to six weeks. Faculty members are with the students throughout the duration of the trip and arrange a mix of lectures, exercises, excursions, and group time. Apply for a faculty-led program through the School of Continuing Education.

Non-EIU Programs

For any Non-EIU Program, a student must submit a Petition for Program Approval to the Office of Study Abroad. The likelihood for approval is high as long as the program is recognized by the Ministry of Education in the host country and the student can demonstrate how the program meets academic and professional goals. If approved to go on a Non-EIU Program, the student is still obligated to follow proper procedures in order to receive transfer credit.

Admission Requirements

Students must have completed one semester at EIU (for programs that are not faculty-led or run through consortia) and be in good academic and judicial standing. No student who is on academic or disciplinary probation will be allowed to study abroad on any program through EIU.

Eligibility requirements vary by program. Students must meet eligibility and admission requirements of EIU, Host Partners, and Third-Party Provider Partners in order to qualify for a particular study abroad program.

Enrollment Procedures

Enrollment is processed through the Office of Study Abroad and the School of Continuing Education (for faculty-led programs only). Information and application materials can be found at www.eiu.edu/~edabroad.

Tuition

For exchanges and faculty-led programs, students pay EIU tuition. For all other study abroad programs, EIU tuition is waived and students pay the host institution's tuition or third-party provider fees.

Insurance Coverage

Health Insurance as provided through the payment of regular academic fees while attending EIU does not cover students while in transit or during the program while in a foreign country.

International medical/hospitalization coverage is required of all participants who travel for study abroad programs. Participants are responsible for acquiring this coverage on their own and must provide the Office of Study Abroad with a copy of their insurance card.

The University also requires participants to carry supplemental insurance for international travel that includes Medical Evacuation and Repatriation Coverage. More information can be found on the Study Abroad website: www.eiu.edu/~edabroad.

Fees & Miscellaneous Charges

Non-Faculty Led Programs

Study Abroad Administrative Fee	\$300/semester
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Faculty-Led Programs

Study Abroad Administrative Fee	\$35/credit hour
Continuing Education Administration Fee	\$35/credit hour

TOTAL	\$70/credit hour
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Other Administrative Fees

Credit Evaluation Fee	\$600/evaluation
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(Only assessed of students who take classes abroad without proper authorization from the Office of Study Abroad.)

Note: The fees above pertain to all study abroad programs; however additional costs will be incurred. These costs vary by program. See www.eiu.edu/~edabroad for program budgets and detailed information.

Financial Aid & Scholarships

Most federal and state aid can be used for study abroad. Other aid may be available also. For a current list of scholarships in study abroad, visit www.eiu.edu/~edabroad/scholarships.html. Some of the most prominent national scholarships include the Gilman, Fulbright, Boren, and Rotary.

In addition to financial aid and national scholarships, Eastern Illinois University also offers study-abroad specific scholarships to students:

Don and Pam Sundheim Study Abroad Scholarship

For students majoring in any foreign language who wish to study their target language abroad at some time during their junior or senior year.

Kate and Cliff Strandberg Study Abroad in Sweden Scholarship

For study at Vaxjo University in Sweden. Preference is given to School of Technology majors.

Richard L. Crouse Memorial Scholarship

For Spanish majors in study abroad programs whose primary purpose is to improve proficiency in Spanish or Portuguese.

William V. Weber Study Abroad Scholarship

For any study abroad program. Preference will be given to minority students and first generation college students with financial need.

Withdrawal/Refund Policy

If a student cancels participation in any study abroad program, he/she must send a written, signed notice of cancellation to the Office of Study Abroad. If the written, signed notice of cancellation is received 30 or more days prior to the program's start date, the student will be charged only for a \$50 processing fee. If the written, signed notice of cancellation is received 29 or fewer days prior to the program start date, or the program has already commenced, the student will be charged for all fees normally charged by EIU in association with the program.

This refund policy is not applicable to faculty-led and other special EIU study abroad programs. There is a separate refund policy for faculty-led and other special EIU study programs, which is clearly outlined in the registration paperwork.

Restrictions

Students may not study abroad as follows:

- in their home country (international students)
- in U.S. states or territories
- in a country which is under a travel warning
- at an institution not recognized by its Ministry of Education

Study Abroad Society

Study Abroad Society is a registered student organization with a membership that consists of EIU students who have returned from study abroad experiences. This society hosts "welcome back" events for new returnees, organizes a variety of social gatherings to connect members, and invites its membership to increase campus awareness about the benefits of study abroad through service-oriented activities. Its primary purpose is to unite study abroad alumni at EIU.

Courses

STA 3960, 3961, 3962, 3990, and 4275. Other study abroad courses may be offered through the departments.

VI. HONORS COLLEGE

Bonnie D. Irwin, *Dean*

Margaret Knapp Messer, *Director of Honors Student Affairs*

Sara M. Schmidt, *Academic Advisor*

General Mission

The Honors College is a center for academic excellence and leadership within the University. It strives to encourage academically talented students to work, study and develop to their full potential by providing suitable courses of study in an appropriate environment of small classes taught by excellent faculty. The Honors College encourages undergraduate research and rewards intellectual development. It reaches out to secondary schools throughout the State of Illinois and also to the campus itself to encourage interested and qualified students to embark on intellectual adventure. All of this is to provide exceptional academic options to students whether they enter the college as a freshman or later in their undergraduate careers. The Honors process is developmental in nature and is dedicated to nurturing students intellectually, so that they are equipped upon graduation to successfully pursue their interests. This provision of an integrated academic experience plays a central role in Eastern Illinois University's reputation

both in and outside the State as a university acclaimed for its accomplishments in teaching and research as well as the successes of its graduates.

Programs

EIU offers academically talented students the opportunity to take part in five programs: University Honors is a lower-division general education curriculum; Departmental Honors is an upper-division discipline-specific program; the Presidential Scholars Program is a concentrated academic and leadership experience; Undergraduate Research offers students preparation in professional collaborative research; National Student exchange where EIU students have opportunity to study at a university in another state, Canada, or Puerto Rico; and the National Scholarship Program sponsors and mentors students for nationally competitive fellowships.

University Honors

The University Honors Program offers enriched and rigorous versions of General Education courses and a limited number of additional courses outside of general education. Honors classes are small course sections taught in a colloquium style format by professors who are distinguished in their field. Completing courses in the Honors format provides an enhanced educational experience preparing students to compete at the highest levels for career opportunities and graduate school. Students must take a minimum of 25 hours in Honors courses, (primarily during their freshman and sophomore years) including an Honors Senior Seminar.

Admission Criteria

Entering freshmen must meet two of the following criteria for admission to University Honors:

- ACT composite of 26 or higher or SAT of 1100 or higher.
- Upper 10% of the high school graduating class or a 3.5 high school grade point average on a 4.0 scale.
- Permission of the Dean of the Honors College.

Continuing EIU and transfer students* may be admitted after meeting both of the following criteria:

- Attain a 3.5 GPA on a 4.0 scale for at least 12 hours of course work undertaken at Eastern.
- Permission of the Dean of the Honors College.

*Transfer students must also have a transcript evaluation prior to admission.

Departmental Honors

The Departmental Honors Program encourages students to pursue areas of personal interest by delving deeply and independently into a topic. Students take advantage of departmental resources to research, explore, investigate, and analyze information on a subject appropriate to the discipline. Coursework advances progressively culminating in a senior thesis. Departmental Honors prepares students for the competitive environment after graduation by promoting focus and independent exploration within a field. The program requires a minimum of 12 hours of credit. A senior thesis written under the supervision of Honors faculty is required.

The following academic departments sponsor Departmental Honors Programs:

Departments & Coordinators

Biological Sciences, *Dr. Steve Mullin*

Business, *Dr. Christine Roszkowski*

Chemistry, *Dr. Douglas Klarup*

Communication Disorders Sciences, *Dr. Rebecca Throneburg*

Communication Studies, *Dr. Douglas Bock*

Economics, *Dr. Ali Moshtagh*

English, *Dr. Randall Beebe*

Family and Consumer Sciences, *Dr. Jeanne Snyder*

Foreign Languages, *Dr. Stephen Canfield*

Geography, *Dr. Vincent Gutowski*

Geology, *Dr. Craig Chesner*

History, *Dr. Sace Elder*

Industrial Technology, *Dr. Sam Guccione*

Journalism, *Dr. James Tidwell*

Math, *Dr. Yevgeniy Gordon*

Music, *Dr. Parker Melvin*

Philosophy, *Dr. Jonelle Depetro*

Physics, *Dr. James Conwell*

Political Science, *Dr. Barbara Poole*
 Psychology, *Dr. John Best*
 Recreation Administration, *Dr. John Henry Pommier*
 Sociology: *Dr. Lisa New Freeland*
 Special Education, *Dr. Kathlene Shank*
 Theatre Arts, *Dr. Jean Wolski*

Admission Criteria

Departmental Honors Programs are open to students who meet the following criteria:

- At least 12 hours of course work undertaken at Eastern Illinois University with a 3.5 grade point average (on a 4.0 scale).
- Permission of the Dean of The Honors College and the Departmental Honors Coordinator.
- Transfer students who have not completed 12 hours at Eastern Illinois University may be admitted with the recommendation of the Departmental Honors Coordinator.

Presidential Scholars Program

The Presidential Scholars Program fuses ambition with ability by attracting the best, brightest, and most determined student scholars and providing financial support for four years while setting high expectations and providing substantive opportunities them. Students are encouraged to plan their academic experiences with a focused view towards graduate study and/or professions. Students benefit from individualized faculty mentoring, mindful exploration of self-initiated academic goals, and flexible sequenced programming. While in the program students complete HON 1191- Honors First-Year Seminar and participate in a sophomore-junior experience. (See Honors Scholarships.)

Application Criteria

Incoming freshmen who have demonstrated academic excellence may apply for a 4-year scholarship. Minimum qualifications:

- 30 ACT and a 3.5 GPA or top 10% of the high school graduating class.
- 28 ACT and a 3.75 GPA or top 5% of the high school graduating class.

Undergraduate Research

The Honors College offers opportunities for faculty mentoring of student research in order to foster collegial relationships and support teaching-learning experiences. Each semester, the Undergraduate Research Council awards grants to students and their faculty mentors in support of student-initiated collaborative research. Students are held to professional standards, co-author publications and presentations, and gain a heightened awareness of the work required in graduate study and the professional world.

Application Criteria

Any student currently enrolled at Eastern Illinois University with a minimum 3.0 GPA or higher may, with a faculty mentor, submit a proposal.

National Scholarships Programs

The Honors College supports students for prestigious national awards by sponsoring, mentoring, and nominating students for highly competitive scholarships and fellowships and by referral to faculty scholarship advisors. National Scholarship opportunities are open to any high achieving student attending Eastern Illinois University. For additional information including a list of faculty advisors, student nominees, and fellowship recipients refer to The Honors College web site at: www.eiu.edu/~honprog.

National Student Exchange

The National Student Exchange (NSE) is a program for undergraduate exchange within the United States and Canada. Instead of crossing oceans, NSE students cross state, regional, provincial, and cultural borders. The changes seen in attitudes, understanding of other people in other settings, maturity, risk-taking, and decision-making are similar to the experiences of students who study outside of North America. The application process includes at least the following minimum eligibility criteria established by NSE: Full-time enrollment, cumulative 2.5 GPA, and good standing (academic, personal, and financial). All EIU students meeting these criteria are eligible to apply.

Incoming Freshmen Scholarships

Presidential Scholarships

The twenty incoming freshmen admitted each year to the Presidential Scholars Program are awarded financial assistance covering 8 semesters of tuition (up to a course load of 15 hours per semester) and fees. Students must maintain a cumulative GPA of 3.4 or higher to retain their eligibility. Applications are due in February for the following fall term.

Honors College Talented Student Awards

These awards are intended to promote the development of unique student academic talents. Incoming freshmen who qualify for admission to the University Honors Program may apply. Students who have demonstrated excellent scholarship as measured by ACT and high school class rank or GPA are eligible. This award may waive a portion of tuition for up to 8 semesters. Students must maintain a cumulative GPA of 3.4 or higher to retain their eligibility. Applications are due in February for the following fall term.

Honors College Freshman Scholarships

Incoming freshmen who qualify for admission to the University Honors Program may apply. Students who have demonstrated excellent scholarship as measured by ACT and high school class rank or GPA are eligible. Award amounts vary. Applications are due in February for the following fall term.

Continuing Student Scholarships

Doudna Memorial Scholarship

Students who are first semester freshmen at Eastern Illinois University and who have graduated from an Illinois high school may apply. Application materials are available in the fall.

John L. Whisnand Scholarship

Students attending Eastern Illinois University may apply. Application materials are available in the fall.

Honors College Scholarships for Current Students

The following scholarships are open to students with a cumulative GPA of 3.4 or higher attending Eastern Illinois University who are enrolled in the University Honors or Departmental Honors Programs and have demonstrated academic excellence. Honors students only need to complete a single application to be considered for these scholarships. Applications are available in the spring. Students must reapply annually:

Charles Austin Scholarship

Dorothy Davis Bunge Scholarship (Residents of DuPage County)

First Neighborhood Bankshares Inc. Scholarship

Rachael Richardson Scholarship

KC Summers Buick GMC Toyota Honors Scholarship

More information and applications are available on the Honors College web site: www.eiu.edu/~honprog.

Housing

McKinney, Ford, and Pemberton Halls have been designated as Honors Halls. Honors students who wish to surround themselves with other academically oriented in an atmosphere conducive to learning, may request these halls

VII. MAJORS, OPTIONS, & MINORS

Undergraduate Fields of Study

The B.A. in General Studies degree for nontraditional students also is available through the School of Continuing Education.

College of Arts & Humanities

<u>Majors/Options</u>	<u>Degree</u>	<u>Minor</u>	<u>Teacher Certification</u>
African-American Studies	B.S.	Yes	No
Art	B.A.	Yes	Option
Studio Art Option	B.A.	No	No
Graphic Design Option	B.A.	No	No
Art History Option	B.A.	Yes	No
Communication Studies*	B.A.	Yes	No
English*	B.A.	Yes	Option & Minor
Foreign Languages* (French, German, & Spanish)	B.A.	Yes	Option & Minor
History*	B.A.	Yes	Option & Minor
International Studies Option	B.A.	No	No
Journalism*	B.A.	Yes	No
Music*	B.Mus.	Yes	Option
Performance Option	B.Mus.	No	No
Philosophy*	B.A.	Yes	No
Theatre Arts*	B.A.	Yes	Option & Minor

Minors are also available in Advertising, Asian Studies, Broadcast Meteorology, Creative Writing, Film Studies, Latin American Studies, Medieval Studies, Professional Writing, Public Relations, and Women's Studies.

* An Honors Program is available in this major.

College of Education and Professional Studies

<u>Majors/Option</u>	<u>Degree</u>	<u>Minor</u>	<u>Teacher Certification</u>
Early Childhood Education	B.S.Ed.	No	Yes
Elementary Education	B.S.Ed.		
General Option	B.S.Ed.	No	Yes
Middle School Option	B.S.Ed.	No	Yes
Health Studies	B.S.	No	Option & Minor
Community Health Option	B.S.	Yes	No
Physical Education	B.S.	Yes	Option & Minor
Athletic Training Option	B.S.	No	No
Recreation Administration*	B.S.	Yes	No
Therapeutic Recreation Option	B.S.	No	No
Special Education*	B.S.Ed.		
Early Childhood Option ¹	B.S.Ed.	No	Yes
Standard Special Option ¹	B.S.Ed.	No	Yes

Minors are also available in Adult Education, Health Communication, and Safety and Driver Education.

* An Honors Program is available in this major.

¹ Students majoring in Learning Behavior Specialist I.

Lumpkin College of Business and Applied Sciences

<u>Majors/Options</u>	<u>Degree</u>	<u>Minor</u>	<u>Teacher Certification</u>
<i>School of Business:</i>			
Accounting*	B.S.B.	No	No
Business Administration*	B.S.B.	Yes	No
Finance*	B.S.B.	No	No
Management*	B.S.B.	No	No
Management Information Systems*	B.S.B.	Yes	No
Marketing*	B.S.B.	No	No
<i>School of Family and Consumer Sciences:</i>			
Family/Consumer Sciences*	B.S.	Yes	See CTE major
Dietetics Option	B.S.	No	No
Family/Consumer Sciences in Business Option	B.S.	No	No
Family Services Option	B.S.	No	No
<i>School of Technology:</i>			
Career and Organizational Studies	B.S.	No	No
Career and Technical Education ¹	B.S.	No	Yes
Industrial Technology*	B.S.	Yes	See CTE major

Minors are also available in Advertising, Broadcast Meteorology, Military Science, and Print and Textiles Technologies.

* An Honors Program is available in this major.

¹ Major emphasis available in Business Education, Family and Consumer Sciences Education, and Technology Education.

² Enrollment in this major is available only at Parkland College.

College of Sciences

<u>Majors/Options</u>	<u>Degree</u>	<u>Minor</u>	<u>Teacher Certification</u>
Biological Sciences*	B.S.	Yes	**
Environmental Biology Option	B.S.	No	No
Chemistry*	B.S.	Yes	**
Clinical Laboratory Science (Cooperative)	B.S.	No	No
Communication Disorders & Sciences ¹	B.S.	No	***
Economics*	B.A.	Yes	No
International Studies Option	B.A.	No	No
Engineering (Cooperative) ²	B.S.	No	No
Geography*	B.S.	Yes	see Soc. Sci.
Geology*	B.S.	Yes	No
Mathematics*	B.A.	Yes	Option & Minor
Mathematics and Computer Science	B.S.	No	No
Nursing ³	B.S.	No	No
Physics*	B.S.	Yes	**
Applied Physics Option	B.S.	No	No
Astronomy Option	B.S.	No	No
Computational Physics Option	B.S.	No	No
Engineering Physics Option	B.S.	No	No
Radiation Physics Option	B.S.	No	No
Political Science*	B.A.	Yes	see Soc. Sci.
International Studies Option	B.A.	No	No
Psychology*	B.A.	Yes	see Soc. Sci.
Science w/ Teacher Cert.**	B.S.	No	Yes
Social Science Teaching+	B.A.	No	Yes
Sociology	B.A.	Yes	see Soc. Sci.

Minors also available in Anthropology, Asian Studies, Broadcast Meteorology, Criminology, Earth Science, and Pre-Law Studies. In addition, the College offers pre-professional programs in Pre-Chiropractic, Pre-Dentistry, Pre-Engineering, Pre-Medicine, Pre-Nursing, Pre-Optometry, Pre-Pharmacy, Pre-Physician's Assistant, Pre-Physical Therapy, and Pre-Veterinary Medicine.

* An Honors Program is available in this major.

** The Science Major with Teacher Certification offers specializations in Biological Sciences, Chemistry, Earth Sciences, and Physics.

*** Toward professional credentials earned at the graduate level.

+The Social Science Teaching Major offers designations in Geography, Political Science, Psychology, and Sociology-Anthropology.

¹ In the CDS major, professional credentials are earned at the graduate level.

² The Engineering Cooperative requires three years of study at EIU followed by two more years at UI-UC or SIU-C. The College of Sciences also offers a pre-professional program in Pre-Engineering.

³ The B.S. in Nursing program requires students previously to have earned an associate's degree and/or nursing license.

Definition of Terms**Degree**

A degree is the title which the University confers on a graduate as the result of his/her having completed university requirements for that degree. Eastern Illinois University confers the following degrees at the undergraduate level:

- Bachelor of Arts (BA)
- Bachelor of Science (BS)
- Bachelor of Science in Business (BSB)
- Bachelor of Science in Education (BSEd)
- Bachelor of Music (BMus)

Major

A major is a field of study containing specific course requirements unique to a broad field of academic specialization. Requirements of all majors offered at EIU appear in this section.

Note: A student pursuing a degree other than a BS in Business cannot count more than 30 semester hours of business subjects toward fulfillment of bachelor's degree requirements.

Option

An option is a subset of a major academic field and provides a greater specificity within the broad area of knowledge of that major field of study. Examples of options offered at EIU are the teacher certification options offered in many of the majors, and such specialized options as the Graphic Design Option in the Art major.

Minor

A minor is a part of a student's curriculum which allows that student to formally participate in a discipline or field of study outside his or her major. Most degree programs do not require a minor. In order to declare a minor or minors, a student should either go to the Office of the Registrar and Enrollment Management, or declare the minor on their Application for Graduation. Once the Application for Graduation has been made, a student who wishes to drop a minor or minors must reapply for graduation.

For students in teacher certification programs who wish to be certified in more than one teaching discipline, teacher certification minors are available. These minors are NOT available to students enrolled in majors that are not teacher certification programs. Completion of a teacher certification minor does not guarantee that the individual will be granted an endorsement to teach in that field. Individuals must meet all requirements (including state tests) as set forth by the Illinois State Board of Education to be granted an endorsement in a second teaching field. Once the appropriate Dean indicates that the student has met the catalog requirements for the program, the teaching minor will be entered on the applicant's permanent record.

A student should plan a minor or teaching minor program in consultation with an appropriate advisor or Department Chairperson. If a student wishes to add a minor after having applied for graduation, he or she must reapply and note the addition on the reapplication for graduation.

Requirements for Minors

- a. Students should declare their minor as soon as possible.
- b. No courses in the minor can be taken credit/no credit unless they are courses which are designated as credit/no credit (such as internship).
- c. At least six (6) semester hours of the coursework in the minor must be completed in residence. These six (6) hours must also be taken for a grade in order to establish a grade point average for the minor.
- d. Minor GPA is computed from grades earned in minor courses taken at EIU only.
- e. Semester hours earned in independent study, research, internship, or study abroad may be used toward minor requirements at the discretion of and with the approval of the minor department(s).
- f. In order for the minor to appear on a student's permanent transcript, students must have a cumulative grade-point average of at least 2.00 in a non-teaching minor. Students with teaching minors who entered Fall 2002 and thereafter must earn a GPA of at least 2.65 in order for the minor to appear on their permanent transcript.

Pre-Degree and Non-Degree Programs

Pre-degree and non-degree programs are those which do not lead to graduation at EIU. The student and his/her advisor may make changes to such programs without the formality of application for a waiver.

Responsibility of the Student

The student has the ultimate responsibility to fulfill the requirements for a degree/program, to check his/her own eligibility to take courses, and to observe the academic rules governing his/her program. The advisor's role is to assist him/her in making important decisions.

VIII. ACADEMIC COLLEGE DESCRIPTIONS AND PROGRAM REQUIREMENTS

COLLEGE OF ARTS AND HUMANITIES

James K. Johnson, *Dean*

Jeffrey Lynch, *Associate Dean*

General Mission

The College of Arts and Humanities is committed to the University's goal of providing a comprehensive undergraduate program of liberal studies as a foundation for all students. Its mission is to instill knowledge, skills and values that will enable students to emerge as responsible citizens. Specifically, the College seeks to provide intensive training in a discipline, to enhance the development of talented performing and creative artists, and to develop in students a capacity for critical judgment, the ability to communicate effectively, and a sense of ethical responsibility. In addition, the College sponsors many cultural activities and programs which are both aesthetically and intellectually stimulating. The mission of the College is complemented by a select graduate program. (See the EIU Graduate Catalog for further information about graduate programs.)

Faculty in the College of Arts and Humanities**Art (217.581.3410)**

Glenn Hild, *Chairperson*

Bartel, K.; Belleville, P.; Boshart, J.; Braun, S.; Chi, K.; Coddington, A.; Eskilson, S.; Griffin, D.; Harrison, G.; Horvath, R.; Hubschmitt, W.; Kahler, C.; Leonard-Cravens, M.; Marquardt, J.; Naragon, D.; Nivens, C.; Peterson, R.; Rehm-Mott, D.

Communication Studies (217.581.2016)

Mark Borzi, *Chairperson*

Bock, D.; Bradd, W. Coombs, M.; Greer, N.; Helsel, C.; Heumann, J.; Hoerschelmann, O.; Holladay, S.; Hogg, M.; J. Corley-Jones; Marshall, R.; Mason, G.; Miller, S.; Mills, M.; Perkins, T.; Semati, M.; Sowa, B.; Staske, S.

English (217.581.2428)

Dana Ringuette, *Chairperson*

Abella, O.; Allison, J.; Beebe, R.; Binns, D.; Boswell, P.; Bredesen, D.; Buck, R.; Carpenter, D.; Coleman, L.; Engles, T.; Fredrick, T.; Hanlon, C.; Hoberman, R.; Kilgore, J.; Kory, F.; Leddy, M.; Loudon, M.; Markelis, D.; Martone, J.; McCormick, F.; McGregor, F.; Moffitt, L.; Moore, J.; Murray, R.; Nonaka, M.; Panjwani, J.; Park, S.; Radavich, D.; Raybin, D.; Searle, W.; Shonk, T.; Smith, J.; Stevens, C.; Suksang, D.; Swords, S.; Sylvia, R.; Vietto, A.; Weasmer, J.; Wharram, C.; Wixson, C.; Worthington, M.; Zahlan, A.

Foreign Languages (217.581.3021)

Stephen Canfield, *Chairperson*

Amaya, C.; Bulver, K.; Clay-Mendez, L.; Crome, R.; French, S.; Konrad, K.; Routt, K.; Sundheim, L. D.; Taylor, K.

History (217.581.3310)

Anita Shelton, *Chairperson*

Barnhart, T.; Beck, R.; Birk, J.; Curry, L.; Deustua-Carvalho, J.; Elder, S.; Hardeman, M.; Kammerling, J.; Key, N.; Lee, J.; Mazumder, R.; McElligott, J.; Reid, D.; Shirley, M.; Small, N.P.; Smith, D.; Titus, C.; Voss-Hubbard, M.; Wehrle, E.; Young, B.

Journalism (217.581.6003)

James Tidwell, *Chairperson*

Brandon, W.; Gisondi, J.; Hagen, D.; Hyder, L.; Johnson, J.; Johnson, T.; Kaufman, S.; Kim, E.; McElwee L.; Poulter, B.; Ryan, J.; Turner, S.; Viall, E.

Music (217.581.3010)

W. Parker Melvin, *Chairperson*

Joseph M. Martin, *Assistant Chairperson*

Barta, R.; Coles, M.; Daniels, J.; DiBianco, D.; Fagaly, S.; Hansen, J.; Hayslett, D.; Hesterman, P.; Hobbs, W.D.; Horney, A.; Hunt, A.; Jensen, G.; Loewen, P.; Luce, B.; Mayhue, T.; Melvin, W.P.; Poulter, P.; Robison, R.T.; Rossi, R.; Rowe, S.; Ryan, K.; Szabo, I.; Teicher, S.

Philosophy (217.581.3012)

Jonelle M. DePetro, *Chairperson*

Aylesworth, G.; Beakley, B.; Britton, T.; DePetro, J.; Foley, R.; Lee, Y.S.

Theatre Arts (217.581.3110)

John Oertling, *Chairperson*

Blanchette, C.; Eisenhour, J.D.; Eisenhour, K.; Mitchell, C.; Sain, J.; Wolski, D.; Wolski, J.

Table Arts Center (217.581.2787)

Michael Watts, *Director*

Kit Morice, Curator of Education

Interdisciplinary Studies Coordinators

African-American Studies	Michael Loudon
Latin American Studies	Carlos Amaya
Social Science Studies	Charles Titus
Women's Studies	Penka Skachkova

Programs in the College of Arts and Humanities

AFRICAN-AMERICAN STUDIES

B.S. in African-American Studies

Major

The African-American Studies major comprises the following courses:

AFR 1000G - Introduction to African American Studies. Credits: 3
 AFR 2000G - African American Experience. Credits: 3
 AFR 3000 - Special Topics in African-American Studies. Credits: 3
 AFR 3100 - African Aesthetics and Cosmology. Credits: 3
 AFR 3200 - African-American Identity. Credits: 3
 AFR 3300 - African Cinema. Credits: 3
 AFR 4000 - Seminar on African-American Leadership. Credits: 3
 AFR 4100 - From Negritude to Afrocentricity and After. Credits: 3
 AFR 4275 - Internship in African-American Studies. Credits: 1 to 15
 AFR 4400 - Independent Study. Credits: 1 to 3
 HIS 3750 - African-American History: A Survey. Credits: 3
 SOC 2840 - Racial and Cultural Minorities. Credits: 3

One of the following courses:

ENG 2705 - African-American Literature. Credits: 3

or

ENG 4750 - Studies in African-American Literature. Credits: 3

One of the following courses:

GEG 3050 - Geography and Culture of Africa. Credits: 3

or

HIS 3250 - African History. Credits: 3

or

PLS 3353 - Politics of Sub-Saharan Africa. Credits: 3

Three hours of electives chosen from the following:

AFR 3970 - Study Abroad. Credits: 1 to 15
 ANT 3611 - Peoples and Cultures of Africa. Credits: 3
 JOU 3951 - Minorities and the Media. Credits: 3
 PLS 3543 - Civil Liberties in America. Credits: 3
 PLS 3723 - Public Opinion and Political Participation. Credits: 3
 PSY 4700 - Prejudice and Discrimination. Credits: 3
 THA 3755G - African-American Theatre. Credits: 3

Footnotes:

GPA based on all AFR courses, and listed electives taken at EIU.

¹ Only three semester hours from each of AFR 4275 and 4400 may be counted toward major.

African-American Studies Minor

Total Semester Hours: 18

AFR 1000G - Introduction to African American Studies. Credits: 3

AFR 2000G - African American Experience. Credits: 3

Electives:

Select Two:

ENG 2705 - African-American Literature. Credits: 3

HIS 3750 - African-American History: A Survey. Credits: 3

SOC 2840 - Racial and Cultural Minorities. Credits: 3

Select Two:

AFR 3000 - Special Topics in African-American Studies. Credits: 3

AFR 3100 - African Aesthetics and Cosmology. Credits: 3

AFR 3200 - African-American Identity. Credits: 3

AFR 3300 - African Cinema. Credits: 3

GEG 3050 - Geography and Culture of Africa. Credits: 3

ART

The Art Department of Eastern Illinois University is an accredited institutional member of the National Association of Schools of Art and Design. Students majoring in art select one of four options: Studio Art, Graphic Design, Art History, or Teacher Certification (Standard Special Certification).

B.A. in Art Major: Art History Option

Core Requirements:

The Art History option requires a total of 65-73 semester hours and consists of the following. Total hours required varies depending on placement in foreign language sequence.

1. 21 Semester Hours of Required Art History and Art Coursework

ART 1000 - Drawing I. Credits: 3

ART 1110 - Two-Dimensional Foundations. Credits: 3

ART 1111 - Three-Dimensional Foundations. Credits: 3

ART 2012G - Nonwestern Fine Arts. Credits: 3

ART 2601G - History of Art I. Credits: 3

ART 2602G - History of Art II. Credits: 3

ART 4775 - Seminar in Twentieth-Century Art History and Criticism. Credits: 3

2. 27 Semester Hours of Art History Electives Selected From the Following:

ART 2300 - African-American Art. Credits: 3

ART 3610G - African Art. Credits: 3

ART 3611G - Art in India and Southeast Asia. Credits: 3

ART 3612G - Art in China and Japan. Credits: 3

ART 3630 - Greek and Roman Art. Credits: 3

ART 3641 - Early Medieval Art. Credits: 3

ART 3642 - Romanesque and Gothic Art. Credits: 3

ART 3651 - Italian Renaissance Art: Fifteenth Century. Credits: 3

ART 3652 - Italian Renaissance Art: Sixteenth Century. Credits: 3

ART 3660 - Baroque Art. Credits: 3

ART 3670 - Nineteenth-Century Art. Credits: 3

ART 3680 - Modern Art. Credits: 3

ART 3681 - Contemporary Art. Credits: 3

ART 3685 - Women in Art. Credits: 3

ART 3940 - History of Graphic Design. Credits: 3

ART 4400 - Independent Study. Credits: 1 to 3

ART 4765 - Twentieth-Century American Painting and Sculpture. Credits: 3

3. 17-25 Semester Hours of Required Foreign Language and

History Coursework:

Foreign Language 1101¹

Foreign Language 1102¹

Foreign Language 2201G

Foreign Language 2202G

HIS 2560 - Early Modern World History. Credits: 3

HIS 3555 - Modern World History. Credits: 3

AND

HIS 1500G - Roots of the Modern World: Society and Religion.

Credits: 3

OR

HIS 1510G - Roots of the Modern World: Slavery and Freedom.

Credits: 3

OR

HIS 1520G - Roots of the Modern World: Global Interactions. Credits: 3

Footnotes:

Major GPA based on all art courses taken at EIU.

¹ The Art Department recommends students with prior foreign language experience confer with the Foreign Language Department to determine appropriate placement in the foreign language sequence.

B.A. in Art Major: Graphic Design Option**Graphic Design Selective Admissions Entrance Requirements**

Students wishing to major in Graphic Design are required to apply for admission into the Junior (3rd) year of the program. Freshman and sophomore year, or "Pre-Graphic Design," remains open to all who wish to enroll. Entrance into the Junior (3rd) year of the program, or the "Graphic Design Program," is determined by the Graphic Design Selective Admissions Committee. Admission to the program is limited to those students who have satisfied the specific course requirements (ART 1000, 1110, 1111, 2000, 2050, 2500, 2560, 2601, 2602, 2910, 2920, and ENG 1001G and 1002G), have a minimum cumulative GPA of 2.25 for all coursework, and a minimum GPA of 2.75 for all Art coursework, and submit an art and design portfolio. The art and design portfolio will be reviewed and ranked by the Graphic Design Selective Admissions Committee. Admission into the program is based on a comparative scoring system of performance in the above requirements (cumulative GPA, Art GPA, completion of required coursework, art and design portfolio).

Exceptions to these requirements can be made only in response to written requests and the subsequent review and recommendation of the Graphic Design Selective Admissions Committee.

Core Requirements:

The Graphic Design option requires a total of 74 semester hours and consists of the following.

1. 31 Semester Hours of required Pre-Graphic Design coursework

(first and second year of the program)

- ART 1000 - Drawing I. Credits: 3
- ART 1001 - Drawing II. Credits: 3
- ART 1110 - Two-Dimensional Foundations. Credits: 3
- ART 1111 - Three-Dimensional Foundations. Credits: 3
- ART 2050 - Painting I. Credits: 3
- ART 2500 - Health and Safety in the Visual Arts. Credits: 1
- ART 2560 - Printmaking I. Credits: 3
- ART 2601G - History of Art I. Credits: 3
- ART 2602G - History of Art II. Credits: 3
- ART 2910 - Introduction to Graphic Design. Credits: 3
- ART 2920 - Graphic Abstractions. Credits: 3

2. 31 Semester Hours of required Graphic Design Program coursework

(third and fourth year of the program)

- ART 2000 - Life Drawing. Credits: 3
- ART 3011 - Exhibition Techniques. Credits: 1
- ART 3910 - Typography I. Credits: 3
- ART 3911 - Visualization Studies I. Credits: 3
- ART 3920 - Typography II. Credits: 3
- ART 3921 - Visualization Studies II. Credits: 3
- ART 3940 - History of Graphic Design. Credits: 3
- ART 4910 - Typography III. Credits: 3
- ART 4911 - Visualization Studies III. Credits: 3
- ART 4920 - Typography IV. Credits: 3
- ART 4921 - Visualization Studies IV. Credits: 3

3. 6 Semester Hours of Art History Electives numbered at the 3610 level or above¹**4. 6 Semester Hours of electives chosen from Art courses and/or the following:**

- ENG 4760 - Studies in Professional Writing Credits: 3
- INT 2123 - Digital Photography and Imaging. Credits: 3
- INT 3343 - Digital Media Technologies. Credits: 3
- INT 4353 - Print and Digital Media Production. Credits: 3
- INT 4813 - Advanced Digital Media Technologies. Credits: 3
- JOU 3001 - Photojournalism. Credits: 3
- JOU 4751 - Advanced Photojournalism. Credits: 3
- JOU 4760 - Advanced Publication Design. Credits: 3

Footnotes:

Major GPA based on all art courses taken at EIU.

¹ Art History Electives Chosen From:

- ART 3610G - African Art. Credits: 3
- ART 3611G - Art in India and Southeast Asia. Credits: 3
- ART 3612G - Art in China and Japan. Credits: 3
- ART 3630 - Greek and Roman Art. Credits: 3
- ART 3641 - Early Medieval Art. Credits: 3
- ART 3642 - Romanesque and Gothic Art. Credits: 3
- ART 3651 - Italian Renaissance Art: Fifteenth Century. Credits: 3
- ART 3652 - Italian Renaissance Art: Sixteenth Century. Credits: 3
- ART 3660 - Baroque Art. Credits: 3
- ART 3670 - Nineteenth-Century Art. Credits: 3
- ART 3680 - Modern Art. Credits: 3
- ART 3681 - Contemporary Art. Credits: 3
- ART 3685 - Women in Art. Credits: 3
- ART 4765 - Twentieth-Century American Painting and Sculpture. Credits: 3
- ART 4775 - Seminar in Twentieth-Century Art History and Criticism. Credits: 3

B.A. in Art Major: Studio Art Option**Core Requirements**

The Studio Art option requires a total of 68 semester hours. The option coursework consists of 29 semester hours of Studio Art and Art History courses common to both emphases and 36 semester hours of courses from the Two-Dimensional Emphasis OR the Three-Dimensional Emphasis.

32 Semester Hours of required Studio Art and Art History coursework:

3 Semester Hours of Art History Electives numbered at the 3610-level or above¹

- ART 1000 - Drawing I. Credits: 3
- ART 1001 - Drawing II. Credits: 3
- ART 1110 - Two-Dimensional Foundations. Credits: 3
- ART 1111 - Three-Dimensional Foundations. Credits: 3
- ART 2050 - Painting I. Credits: 3
- ART 2100 - Sculpture I. Credits: 3
- ART 2500 - Health and Safety in the Visual Arts. Credits: 1
- ART 2601G - History of Art I. Credits: 3
- ART 2602G - History of Art II. Credits: 3
- ART 3011 - Exhibition Techniques. Credits: 1
- ART 3680 - Modern Art. Credits: 3

Two-Dimensional Emphasis (2D)

6 Semester Hours of required 2D Studio Art courses:

- ART 2000 - Life Drawing. Credits: 3
- ART 2560 - Printmaking I. Credits: 3

3 Semester Hours of 3D Studio Art Elective Chosen From:

- ART 2250 - Ceramics I. Credits: 3
- or
- ART 2700 - Introduction to Jewelry. Credits: 3
- or
- ART 2800 - Introduction to Weaving. Credits: 3

18 Semester Hours of 2D Studio Art Electives Chosen From:

- ART 2910 - Introduction to Graphic Design. Credits: 3
- ART 2920 - Graphic Abstractions. Credits: 3
- ART 3000 - Drawing III. Credits: 3
- ART 3051 - Painting II. Credits: 3
- ART 3052 - Painting III. Credits: 3
- ART 3080 - Watercolor. Credits: 3
- ART 3200 - Digital Art I. Credits: 3
- ART 3570 - Printmaking II. Credits: 3
- ART 4000 - Advanced Life Drawing. Credits: 3
- ART 4051 - Painting IV. Credits: 3
- ART 4052 - Painting V. Credits: 3
- ART 4400 - Independent Study. Credits: 1 to 3
- ART 4580 - Printmaking III. Credits: 3

9 Semester Hours of Electives Chosen From:

Art History courses¹ and Three-dimensional Studio Art courses³

Three-Dimensional Emphasis (3D)

9 Semester Hours of required 3D Studio Art courses:

- ART 2250 - Ceramics I. Credits: 3
- ART 2700 - Introduction to Jewelry. Credits: 3
- ART 2800 - Introduction to Weaving. Credits: 3

18 Semester Hours of 3D Studio Art Electives Chosen From:

- ART 3111 - Sculpture II. Credits: 3
- ART 3112 - Sculpture III. Credits: 3
- ART 3251 - Ceramics II. Credits: 3
- ART 3252 - Ceramics III. Credits: 3

ART 3701 - Jewelry and Metalsmithing I. Credits: 3
 ART 3702 - Jewelry and Metalsmithing II. Credits: 3
 ART 3801 - Weaving II. Credits: 3
 ART 3802 - Weaving III. Credits: 3
 ART 4111 - Sculpture IV. Credits: 3
 ART 4112 - Sculpture V. Credits: 3
 ART 4251 - Ceramics IV. Credits: 3
 ART 4252 - Ceramics V. Credits: 3
 ART 4400 - Independent Study. Credits: 1 to 3
 ART 4701 - Advanced Metalsmithing I. Credits: 3
 ART 4702 - Advanced Metalsmithing II. Credits: 3
 ART 4800 - Advanced Weaving. Credits: 3
 ART 4801 - Advanced Weaving II. Credits: 3
 ART 4802 - Advanced Weaving III. Credits: 3

9 Semester Hours of Electives Chosen From:
 Art History courses¹ and Two-dimensional Studio Art courses²

Footnotes:

¹ Art History Electives Chosen From:
 ART 2012G - Nonwestern Fine Arts. Credits: 3
 ART 2300 - African-American Art. Credits: 3
 ART 3610G - African Art. Credits: 3
 ART 3611G - Art in India and Southeast Asia. Credits: 3
 ART 3612G - Art in China and Japan. Credits: 3
 ART 3630 - Greek and Roman Art. Credits: 3
 ART 3641 - Early Medieval Art. Credits: 3
 ART 3642 - Romanesque and Gothic Art. Credits: 3
 ART 3651 - Italian Renaissance Art: Fifteenth Century. Credits: 3
 ART 3652 - Italian Renaissance Art: Sixteenth Century. Credits: 3
 ART 3660 - Baroque Art. Credits: 3
 ART 3670 - Nineteenth-Century Art. Credits: 3
 ART 3681 - Contemporary Art. Credits: 3
 ART 3685 - Women in Art. Credits: 3
 ART 4765 - Twentieth-Century American Painting and Sculpture. Credits: 3
 ART 4775 - Seminar in Twentieth-Century Art History and Criticism. Credits: 3

² 2D Studio Art Electives Chosen From:
 ART 2000 - Life Drawing. Credits: 3
 ART 2560 - Printmaking I. Credits: 3
 ART 2910 - Introduction to Graphic Design. Credits: 3
 ART 2920 - Graphic Abstractions. Credits: 3
 ART 3000 - Drawing III. Credits: 3
 ART 3051 - Painting II. Credits: 3
 ART 3052 - Painting III. Credits: 3
 ART 3080 - Watercolor. Credits: 3
 ART 3200 - Digital Art I. Credits: 3
 ART 3570 - Printmaking II. Credits: 3
 ART 4000 - Advanced Life Drawing. Credits: 3
 ART 4051 - Painting IV. Credits: 3
 ART 4052 - Painting V. Credits: 3
 ART 4580 - Printmaking III. Credits: 3

³ 3D Studio Art Electives Chosen From:
 ART 2250 - Ceramics I. Credits: 3
 ART 2700 - Introduction to Jewelry. Credits: 3
 ART 2800 - Introduction to Weaving. Credits: 3
 ART 3111 - Sculpture II. Credits: 3
 ART 3112 - Sculpture III. Credits: 3
 ART 3251 - Ceramics II. Credits: 3
 ART 3252 - Ceramics III. Credits: 3
 ART 3701 - Jewelry and Metalsmithing I. Credits: 3
 ART 3702 - Jewelry and Metalsmithing II. Credits: 3
 ART 3801 - Weaving II. Credits: 3
 ART 3802 - Weaving III. Credits: 3
 ART 4111 - Sculpture IV. Credits: 3
 ART 4112 - Sculpture V. Credits: 3
 ART 4251 - Ceramics IV. Credits: 3
 ART 4252 - Ceramics V. Credits: 3
 ART 4701 - Advanced Metalsmithing I. Credits: 3
 ART 4702 - Advanced Metalsmithing II. Credits: 3
 ART 4800 - Advanced Weaving. Credits: 3
 ART 4801 - Advanced Weaving II. Credits: 3
 ART 4802 - Advanced Weaving III. Credits: 3

B.A. in Art with Teacher Certification Option

The BA in Art with Teacher Certification (Art Education Option) provides professional training and experiences leading to teacher certification for grades K-12. Students must receive a "C" or better in all art and professional education courses and maintain a minimum cumulative and major GPA of 2.75 in order to continue in the program.

This major requires that students follow and meet the requirements for Admission, Retention and Graduation from Teacher Certification programs as described in the "Teacher Certification Programs" section of this catalog and as explained at the University Admission to Teacher

Education Meeting which all students must attend. Students must gain University Approval to Take Teacher Education Courses no later than the end of their first semester Junior year in order to complete program requirements in a reasonable timeframe. Additional information on Admission, Retention and Graduation for Teacher Certification programs can be found on the College of Education & Professional Studies website at www.eiu.edu/ceps/teached.

All students must pass the Illinois Certification Test of Basic Skills for selection into teacher education and should complete this requirement no later than their sophomore year.

Students have two options for completing the professional education coursework – Regular Secondary Education Program and Integrated Secondary Education Program (ISEP). For more information regarding these two options, please consult with your advisor. Information also is available in the Teacher Certification Program section of this catalog.

Core Requirements

1. 63 Semester Hours in Art Studio, Art History, and Art Education

Consisting of the following:

a. 37 Semester Hours in Studio Art Courses

* 19 semester hours of required Studio Art courses:

ART 1000 - Drawing I. Credits: 3
 ART 1110 - Two-Dimensional Foundations. Credits: 3
 ART 1111 - Three-Dimensional Foundations. Credits: 3
 ART 2050 - Painting I. Credits: 3
 ART 2250 - Ceramics I. Credits: 3
 ART 2500 - Health and Safety in the Visual Arts. Credits: 1
 ART 2560 - Printmaking I. Credits: 3

* 3 semester hours of Studio Art elective chosen from:

ART 2910 - Introduction to Graphic Design. Credits: 3
 or
 ART 3200 - Digital Art I. Credits: 3

* 6 semester hours of Studio Art electives chosen from:

ART 2100 - Sculpture I. Credits: 3
 or
 ART 2700 - Introduction to Jewelry. Credits: 3
 or
 ART 2800 - Introduction to Weaving. Credits: 3

* 9 semester hours of Studio Art electives in a selected media:

The nine semester hours of studio art electives in a selected art medium should be taken from coursework in ceramics, drawing and painting, graphic design/electronic media, metalsmithing, printmaking, sculpture, or weaving.

b. 12 Semester Hours in Art History courses:

* 6 semester hours of required Art History courses:

ART 2601G - History of Art I. Credits: 3¹
 ART 2602G - History of Art II. Credits: 3¹

* 3 semester hours of Art History elective chosen from:

ART 3680 - Modern Art. Credits: 3
 or
 ART 3681 - Contemporary Art. Credits: 3
 or
 ART 4765 - Twentieth-Century American Painting and Sculpture. Credits: 3

* 3 semester hours in Art History electives numbered at the 3610 level or above²

AND

c. 14 Semester Hours of required Art Education Methods Courses:

ART 2400 - Introduction to Art Education. Credits: 1
 ART 3400 - Art Education for Elementary Schools. Credits: 3
 ART 3405 - Art Education for Elementary Schools Studio. Credits: 2
 ART 3410 - Art Education for Secondary Schools. Credits: 3
 ART 3415 - Art Education for Secondary Schools Studio. Credits: 2
 ART 4740 - Issues in Art Education. Credits: 3

2. 22-28 Semester Hours in the Professional Education Core

Students must complete all the professional coursework under either the Regular Secondary Education Program or the Integrated Secondary Education Program.

Regular Secondary Education Program

EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
 EDF 4450 - Philosophy and History of Education. Credits: 3
 EDP 3331 - Theories of Learning and Development for Secondary Teachers. Credits: 3
 SED 2000 - Inquiry Into Teaching. Credits: 1
 SED 3330 - Instructional Tasks in the Secondary School. Credits: 3
 SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3
 STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
 STG 4001 - Student Teaching. Credits: 12-16

OR

Integrated Secondary Education Program (ISEP)

EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
 SED 2000 - Inquiry Into Teaching. Credits: 1
 SED 3000 - ISEP Level I. Credits: 3
 SED 3100 - ISEP Level II. Credits: 3
 SED 4000 - ISEP Level III. Credits: 3
 STG 4001 - Student Teaching. Credits: 12-16

3. 40 Semester Hours in General Education

Please refer to the catalog section titled "Academic Programs – General Education" for information regarding General Education requirements for ALL Teacher Certification candidates.

4. 0-8 Semester Hours in Foreign Language to Meet Graduation Requirements

The graduation requirement is successful completion of two courses in a single foreign language. Exemption: Students entering university FALL 1993 and thereafter must have completed two (2) years in a single foreign language in high school with an average grade of C or better for the two years' work in order to have previously satisfied this requirement.

Footnotes:

Major GPA based on all art courses taken at EIU

¹ ART 2601G and ART 2602G can count to meet major courses requirements in art history in addition to the Fine Arts component of the general education program.

² Art History Electives Chosen from:

ART 3610G - African Art. Credits: 3
 ART 3611G - Art in India and Southeast Asia. Credits: 3
 ART 3612G - Art in China and Japan. Credits: 3
 ART 3630 - Greek and Roman Art. Credits: 3
 ART 3641 - Early Medieval Art. Credits: 3
 ART 3642 - Romanesque and Gothic Art. Credits: 3
 ART 3651 - Italian Renaissance Art: Fifteenth Century. Credits: 3
 ART 3652 - Italian Renaissance Art: Sixteenth Century. Credits: 3
 ART 3660 - Baroque Art. Credits: 3
 ART 3670 - Nineteenth-Century Art. Credits: 3
 ART 3685 - Women in Art. Credits: 3
 ART 4775 - Seminar in Twentieth-Century Art History and Criticism. Credits: 3

Art Minor

Total Semester Hours: 25

10 Semester Hours of Required Art Coursework

ART 1000 - Drawing I. Credits: 3
 ART 1110 - Two-Dimensional Foundations. Credits: 3
 ART 1111 - Three-Dimensional Foundations. Credits: 3
 ART 2500 - Health and Safety in the Visual Arts. Credits: 1

15 Semester Hours of Art Studio Electives:

Students, in consultation with an academic advisor in the Art Department, will select 15 semester hours of art studio electives. All art studio electives must be selected from one area only: chose all two-dimensional or all three-dimensional courses to fulfill the art studio electives requirement. A minimum of 6 semester hours must be at or above the 3000 level.

Two-Dimensional Courses

ART 1001 - Drawing II. Credits: 3
 ART 2000 - Life Drawing. Credits: 3
 ART 2050 - Painting I. Credits: 3
 ART 2560 - Printmaking I. Credits: 3
 ART 2910 - Introduction to Graphic Design. Credits: 3
 ART 2920 - Graphic Abstractions. Credits: 3
 ART 3000 - Drawing III. Credits: 3
 ART 3051 - Painting II. Credits: 3
 ART 3052 - Painting III. Credits: 3
 ART 3080 - Watercolor. Credits: 3
 ART 3200 - Digital Art I. Credits: 3
 ART 3570 - Printmaking II. Credits: 3
 ART 4000 - Advanced Life Drawing. Credits: 3
 ART 4051 - Painting IV. Credits: 3
 ART 4052 - Painting V. Credits: 3
 ART 4580 - Printmaking III. Credits: 3

OR Three-Dimensional Courses

ART 2100 - Sculpture I. Credits: 3
 ART 2250 - Ceramics I. Credits: 3
 ART 2700 - Introduction to Jewelry. Credits: 3
 ART 2800 - Introduction to Weaving. Credits: 3
 ART 3111 - Sculpture II. Credits: 3
 ART 3112 - Sculpture III. Credits: 3
 ART 3251 - Ceramics II. Credits: 3
 ART 3252 - Ceramics III. Credits: 3
 ART 3701 - Jewelry and Metalsmithing I. Credits: 3
 ART 3702 - Jewelry and Metalsmithing II. Credits: 3
 ART 3801 - Weaving II. Credits: 3
 ART 3802 - Weaving III. Credits: 3
 ART 4111 - Sculpture IV. Credits: 3
 ART 4112 - Sculpture V. Credits: 3
 ART 4251 - Ceramics IV. Credits: 3
 ART 4252 - Ceramics V. Credits: 3
 ART 4701 - Advanced Metalsmithing I. Credits: 3
 ART 4702 - Advanced Metalsmithing II. Credits: 3
 ART 4800 - Advanced Weaving. Credits: 3
 ART 4801 - Advanced Weaving II. Credits: 3
 ART 4802 - Advanced Weaving III. Credits: 3

Art History Minor

Total Semester Hours: 24

6 Semester Hours of Required Art History Coursework

ART 2601G - History of Art I. Credits: 3
 ART 2602G - History of Art II. Credits: 3

18 Semester Hours of Art History Electives:

Students, in consultation with an academic advisor in the Art Department, will select 18 semester hours of art history electives. Art majors with Studio, Art Education or Graphic Design option can complete an Art History Minor. A minimum of 6 semester hours must be at or above the 3000 level.

ART 2012G - Nonwestern Fine Arts. Credits: 3
 ART 2300 - African-American Art. Credits: 3
 ART 3610G - African Art. Credits: 3
 ART 3611G - Art in India and Southeast Asia. Credits: 3
 ART 3612G - Art in China and Japan. Credits: 3
 ART 3630 - Greek and Roman Art. Credits: 3
 ART 3641 - Early Medieval Art. Credits: 3
 ART 3642 - Romanesque and Gothic Art. Credits: 3
 ART 3651 - Italian Renaissance Art: Fifteenth Century. Credits: 3
 ART 3652 - Italian Renaissance Art: Sixteenth Century. Credits: 3
 ART 3660 - Baroque Art. Credits: 3
 ART 3670 - Nineteenth-Century Art. Credits: 3
 ART 3680 - Modern Art. Credits: 3
 ART 3681 - Contemporary Art. Credits: 3
 ART 3685 - Women in Art. Credits: 3
 ART 3940 - History of Graphic Design. Credits: 3
 ART 4765 - Twentieth-Century American Painting and Sculpture. Credits: 3
 ART 4775 - Seminar in Twentieth-Century Art History and Criticism. Credits: 3

COMMUNICATION STUDIES

The Department of Communication Studies is a community of students and faculty interested in exploring the complex and dynamic nature of communication in multiple contexts. Students develop critical thinking skills, a sense of social and ethical responsibility, the ability to develop effective message strategies, and the ability to successfully live within complex social environments.

Graduation from the program requires a grade of C or better in each of the department's four core classes (CMN 2010, 2020, 2030, 2040) and submission of a student portfolio. The major GPA is calculated on all courses listed as appropriate for meeting major requirements. CMN1310G, CMN1390G or any transferable equivalent cannot be used as an elective in the major.

B.A. in Communication Studies: Communication Theory and Practice Option

The Communication Studies: Communication Theory and Practice Option is designed to provide students the opportunity to develop the knowledge, skills, and abilities necessary to effectively manage communication in their personal, professional, and public lives. The program provides for both breadth of study in communication and depth in a particular area of specialty. A Communication Studies graduate would be well prepared for positions in both the private and public sector, which have high communication demands, and where the use of sophisticated message strategies are necessary for success.

Total Semester Hours: 45

Department Core

Total Semester Hours: 12

- CMN 2010 - Introduction to Communication Theories. Credits: 3
- CMN 2020 - Communication Research. Credits: 3
- CMN 2030 - Applied Communication. Credits: 3
- CMN 2040 - Argumentation and Critical Thinking. Credits: 3

Option Core

Total Semester Hours: 18

- CMN 2520 - Introduction to Mass Communication. Credits: 3
- CMN 2630 - Introduction to Interpersonal Communication. Credits: 3
- CMN 3100 - Persuasion. Credits: 3
- CMN 3470 - Small Group Communication. Credits: 3
- CMN 3660 - Communication and Conflict Management. Credits: 3
- CMN 3710 - Intercultural Communication. Credits: 3

Electives

Total Semester Hours: 15

Selected in consultation with an advisor.

B.A. in Communication Studies: Corporate Communication Option

Communication is identified as one of the top skills required in any organization. This option provides students with the knowledge, values, perspectives and skills necessary to understand the roles, functions, strategies, and management of positions within organizations with high communication demands.

Total Major Semester Hours: 45

Department Core

Total Semester Hours: 12

- CMN 2010 - Introduction to Communication Theories. Credits: 3
- CMN 2020 - Communication Research. Credits: 3
- CMN 2030 - Applied Communication. Credits: 3
- CMN 2040 - Argumentation and Critical Thinking. Credits: 3

Option Core

Total Semester Hours: 18

- CMN 2630 - Introduction to Interpersonal Communication. Credits: 3
- CMN 2650 - Introduction to Organizational Communication. Credits: 3
- CMN 3100 - Persuasion. Credits: 3
- CMN 3300 - Interviewing. Credits: 3
- CMN 3650 - Communication in Organizations. Credits: 3
- CMN 4650 - Simulation in Organizational Communication. Credits: 3

Electives

Total Semester Hours: 15

Selected in consultation with an advisor.

B.A. in Communication Studies: Mass Communication Option

This option provides students with a well-rounded approach to understanding the role of mass communication in creating and sustaining social systems. The concentrations in this option provide students with either a practical or theoretical orientation to the study of electronic media. Students select Broadcast News, Electronic Media Production or Media Studies.

Broadcast News Concentration

This concentration is designed to provide the knowledge, values, perspectives and skills necessary to understand the roles, functions, and operations of broadcast news.

Total Semester Hours: 45

Department Core

Total Semester Hours: 12

- CMN 2010 - Introduction to Communication Theories. Credits: 3
- CMN 2020 - Communication Research. Credits: 3
- CMN 2030 - Applied Communication. Credits: 3
- CMN 2040 - Argumentation and Critical Thinking. Credits: 3

Option Core

Total Semester Hours: 21

- CMN 2525 - Electronic Production I. Credits: 3
- CMN 2575 - Electronic Production II. Credits: 3
- CMN 3610 - Broadcast News Writing. Credits: 3
- or JOU 3610
- CMN 3620 - Electronic News Gathering. Credits: 3
- or JOU 3620
- JOU 2101 - News Writing. Credits: 3
- JOU 3610 - Broadcast News Writing. Credits: 3
- or CMN 3610
- JOU 3620 - Electronic News Gathering. Credits: 3
- or CMN 3620
- JOU 4102 - Journalism Ethics. Credits: 3
- JOU 4771 - Communication Law. Credits: 3

Select Twelve Hours From:

- CMN 2520 - Introduction to Mass Communication. Credits: 3
- CMN 2550 - Broadcast Announcing. Credits: 3
- CMN 3520 - Radio Production. Credits: 3
- CMN 3540 - Video Production. Credits: 3
- CMN 3750 - Computer Mediated Communication I. Credits: 3
- CMN 3752 - Computer Mediated Communication II. Credits: 3
- CMN 4030 - Seminar. Credits: 3
- (if applicable)
- CMN 4275 - Internship. Credits: 1 to 12
- CMN 4500 - Topics in Electronic Media Production. Credits: 3
- (if applicable)
- CMN 4850 - Topics in Computer Mediated Communication. Credits: 3
- (if applicable)
- JOU 2950 - Introduction to Visual Communication. Credits: 3
- JOU 3000 - Advanced Reporting and Research Credits: 3
- JOU 3001 - Photojournalism. Credits: 3
- JOU 3706 - Sports Writing Credits: 3
- JOU 3950 - Special Topics. Credits: 1 to 3
- (if applicable)
- JOU 4761 - Advanced New Media Design. Credits: 3
- JOU 4900 - Journalism Seminar. Credits: 3

Electronic Media Production Concentration

This concentration is designed to provide the knowledge, values, perspectives and skills necessary to understand the roles, functions, and operations of various electronic media. This program of study is focused on balancing theoretical issues with practical experience.

Total Semester Hours: 45

Department Core

Total Semester Hours: 12

- CMN 2010 - Introduction to Communication Theories. Credits: 3
- CMN 2020 - Communication Research. Credits: 3
- CMN 2030 - Applied Communication. Credits: 3

CMN 2040 - Argumentation and Critical Thinking. Credits: 3

Concentration Core

Total Semester Hours: 21

CMN 2520 - Introduction to Mass Communication. Credits: 3

CMN 2525 - Electronic Production I. Credits: 3

CMN 2575 - Electronic Production II. Credits: 3

CMN 3100 - Persuasion. Credits: 3

CMN 3300 - Interviewing. Credits: 3

And either Radio:

CMN 2550 - Broadcast Announcing. Credits: 3

CMN 3520 - Radio Production. Credits: 3

Or Video:

CMN 3540 - Video Production. Credits: 3

CMN 4540 - Advanced Video Production. Credits: 3

Electives

Total Semester Hours: 12

Selected in consultation with an advisor. Six hours must be from non-production courses.

Media Studies Concentration

This concentration provides students with a theoretical understanding of the role of media in creating and sustaining social systems.

Total Semester Hours: 45

Department Core

Total Semester Hours: 12

CMN 2010 - Introduction to Communication Theories. Credits: 3

CMN 2020 - Communication Research. Credits: 3

CMN 2030 - Applied Communication. Credits: 3

CMN 2040 - Argumentation and Critical Thinking. Credits: 3

Concentration Core

Total Semester Hours: 18

CMN 2520 - Introduction to Mass Communication. Credits: 3

CMN 2525 - Electronic Production I. Credits: 3

CMN 2575 - Electronic Production II. Credits: 3

CMN 3100 - Persuasion. Credits: 3

CMN 3560 - International Communication. Credits: 3

CMN 4780 - Communication and Culture. Credits: 3

Electives

Total Semester Hours: 15

Selected in consultation with an advisor. Six hours must be from non-production courses.

B.A. in Communication Studies: Public Relations Option

The field of public relations demands a variety of skills in all forms of communication, analysis, critical thinking and technology from its professional practitioners. Professionals must be responsive in a complex and diverse organizational environment to multiple and often competing demands. The public relations option prepares students to function effectively in this dynamic environment. Program emphasis is in preparing students for corporate, agency, nonprofit and other public relations positions.

Total Semester Hours: 45

Department Core

Total Semester Hours: 12

CMN 2010 - Introduction to Communication Theories. Credits: 3

CMN 2020 - Communication Research. Credits: 3

CMN 2030 - Applied Communication. Credits: 3

CMN 2040 - Argumentation and Critical Thinking. Credits: 3

Option Core

Total Semester Hours: 21

CMN 2520 - Introduction to Mass Communication. Credits: 3

CMN 2650 - Introduction to Organizational Communication. Credits: 3

CMN 3100 - Persuasion. Credits: 3

CMN 3500 - Electronic Media Relations. Credits: 3

CMN 3960 - Advocacy and Message and Design. Credits: 3

CMN 4919 - Public Relations Techniques. Credits: 3

CMN 4920 - Case Studies in Public Relations Problems. Credits: 3

Electives

Total Semester Hours: 12

Selected in consultation with an advisor.

B.A. in Communication Studies: Rhetoric and Public Advocacy

This option will train students to design, implement and critique messages in a complex social environment marked by difference. Emphasis will be placed on the ways in which communication: situates and integrates diverse social groups; sustains and/or challenges democratic traditions; and contributes to individual and collective identity.

Total Semester Hours: 45

Departmental Core

Total Semester Hours: 12

CMN 2010 - Introduction to Communication Theories. Credits: 3

CMN 2020 - Communication Research. Credits: 3

CMN 2030 - Applied Communication. Credits: 3

CMN 2040 - Argumentation and Critical Thinking. Credits: 3

Option Core

Total Semester Hours: 15

CMN 3100 - Persuasion. Credits: 3

CMN 3200 - Introduction to Rhetoric and Social Critique. Credits: 3

CMN 3210 - Rhetorics of Protest, Movement, and Resistance.

Credits: 3

CMN 4700 - Rhetoric, Identity and Social Responsibility. Credits: 3

CMN 4800 - Voices of Democracy. Credits: 3

Electives

Total Semester Hours: 18

Selected in consultation with an advisor

Communication Studies Honors Program

Admission to the Departmental Honors Program requires a 3.50 GPA on a 4.0 point scale and the permission of the Dean of the Honors College and the Departmental Honors Coordinator.

Students in the Communication Studies Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade-point average to 3.50 and submit their petition to the Dean of the Honors College and Departmental Honors Coordinator.

Departmental Honors Requirements

Each student must complete 45 hours of Communication Studies classes, 12 of which are met by the Departmental Honors Requirement.

These courses will have flexible credit and possible repetition with change of content.

Total Semester Hours: minimum of 12 from the following:

CMN 4444 - Honors Independent Study. Credits: 3 to 6

CMN 4555 - Honors Research. Credits: 3 to 6

CMN 4644 - Honors Thesis. Credits: 3

CMN 4666 - Honors Seminar. Credits: 3 to 6

Communication Studies Minor

This minor provides students with a way to enhance their educational experience by participating in a program of study that provides a well-rounded approach to understanding the role of communication in society and how to engage in effective communication strategies in multiple social contexts.

Total Semester Hours: 24

Department Core

Total Semester Hours: 12

CMN 2010 - Introduction to Communication Theories. Credits: 3

CMN 2020 - Communication Research. Credits: 3

CMN 2030 - Applied Communication. Credits: 3

CMN 2040 - Argumentation and Critical Thinking. Credits: 3

Electives

Total Semester Hours: 12

CMN Electives¹ (selected in consultation with an advisor, 9 hours must be upper division)

¹ CMN1310G, CMN1390G or any transferable equivalent cannot be used as an elective in the Minor.

Interdisciplinary Minors

The department participates in four interdisciplinary minor programs, advertising, broadcast meteorology, health communication, and public relations.

Interdisciplinary Minor in Advertising

This minor provides students with a program of study designed to enhance their understanding regarding the promotion of products and services to various markets. Critical examination of campaigns and strategies, and their application of knowledge, are key components. See the Interdisciplinary Minor in Advertising program for minor requirements.

Interdisciplinary Minor in Broadcast Meteorology

In recent years, we have developed a better understanding of the complexities of weather and the importance of communicating that information to the public. This interdisciplinary minor prepares students to effectively communicate complex weather information to multiple audiences utilizing the media. See Interdisciplinary Minor in Broadcast Meteorology program for minor requirements.

Interdisciplinary Minor in Health Communication

The Health Communication Minor provides those planning a career in health professions or public relations in a health setting with a unique program in the State of Illinois. The minor combines an understanding of the health care industry, public policy, and strategic communication into a superior program of study. See Interdisciplinary Minor in Health Communication program for minor requirements.

Interdisciplinary Minor in Public Relations

Public Relations demands a variety of skills and talents from its professional practitioners. Professionals must be responsive in a complex and diverse environment to multiple and often competing demands. The Public Relations Minor prepares students to function effectively in this highly competitive world. See Interdisciplinary Minor in Public Relations program for minor requirements.

ENGLISH

B.A. in English

English Major Requirements

Group 1 - Foundation Courses (12 credits). All of:

ENG 2205 - Introduction to Literary Studies. Credits: 3
ENG 2601 - Backgrounds of Western Literature. Credits: 3
ENG 2901 - Structure of English. Credits: 3

OR

ENG 3901 - Language and Linguistics. Credits: 3

OR

ENG 4901 - History of the English Language. Credits: 3

One additional course in writing, chosen from:

Any 4000-level course in creative writing (note prerequisites)
ENG 2760 - Introduction to Professional Writing. Credits: 3
ENG 3001 - Advanced Composition. Credits: 3
ENG 3002 - Research Writing for Literary Studies. Credits: 3
ENG 3005 - Technical Communication. Credits: 3

Group 2 - Focused Study in Multicultural Literatures (3 credits).

One of:

ENG 2705 - African-American Literature. Credits: 3
ENG 2850 - Postcolonial Literatures in English. Credits: 3
ENG 3705 - American Multicultural Literatures. Credits: 3
ENG 4750 - Studies in African-American Literature. Credits: 3
ENG 4850 - Studies in Third World Literatures. Credits: 3

Group 3 - Breadth in Historical Literary Studies (15 credits).

A. Literature before 1800. Two of:

Courses in Group 5 when so designated by the Department Chair in consultation with the instructor.
ENG 3700 - American Literature: 1450 to 1800. Credits: 3
ENG 3800 - Medieval British Literature. Credits: 3
ENG 3803 - Renaissance and Seventeenth-Century British Literature. Credits: 3

ENG 3805 - Restoration and Eighteenth-Century British Literature. Credits: 3

B. Nineteenth Century. One of:

Courses in Group 5 when so designated by the Department Chair in consultation with the instructor.

ENG 3701 - American Literature: 1800 to Mid-19th Century. Credits: 3
ENG 3702 - American Literature: Mid-19th Century to 1900. Credits: 3
ENG 3806 - British Romantic Literature. Credits: 3
ENG 3807 - Victorian Literature. Credits: 3

C. Twentieth Century and After. One of:

Courses in Group 5 when so designated by the Department Chair in consultation with the instructor.

ENG 3703 - American Literature: 1900 to 1950. Credits: 3
ENG 3704 - American Literature: 1950 to present. Credits: 3
ENG 3808 - Twentieth-Century British Literature. Credits: 3
ENG 3809 - Contemporary British and Anglophone Literatures. Credits: 3

D. Major Author Study. One of:

Courses in Group 5 when so designated by the Department Chair in consultation with the instructor.

ENG 3601 - Studies in Major Writers. Credits: 3
ENG 3801 - Chaucer. Credits: 3
ENG 3802 - Shakespeare. Credits: 3
OR ENG 3892 - Shakespeare, Honors. Credits: 3
ENG 3804 - Milton. Credits: 3

Group 4 - Capstone Courses (6 credits)

ENG 4300 - Senior Seminar. Credits: 3
OR
ENG 4390 - Senior Seminar, Honors. Credits: 3

AND

ENG 4775 - Studies in Literary and Cultural Criticism and Theory. Credits: 3

OR

ENG 4950 - Literary History. Credits: 3

English Electives (15 credits)

Five additional courses in English, chosen from any of the above or from Group 5. General Education courses are excluded, except for 3009G/3099G. Two courses in a single foreign language may be counted if numbered 2000 or above, not taught in English, and not offered for Gen Ed credit.

Group 5 - English Electives

ENG 2001 - Creative Writing: Nonfiction. Credits: 3
ENG 2003 - Creative Writing: Poetry. Credits: 3
ENG 2005 - Creative Writing: Drama. Credits: 3
ENG 2007 - Creative Writing: Fiction. Credits: 3
ENG 2602 - World Literature since the Renaissance. Credits: 3
ENG 2603 - Greek and Roman Mythology. Credits: 3
ENG 2692 - World Literature since the Renaissance, Honors. Credits: 3
ENG 2760 - Introduction to Professional Writing. Credits: 3
ENG 3005 - Technical Communication. Credits: 3
ENG 3009G - Myth and Culture. Credits: 3
ENG 3099G - Myth and Culture, Honors. Credits: 3
ENG 3405 - Children's Literature. Credits: 3
ENG 3504 - Film and Literature. Credits: 3
ENG 3600 - The Bible as Literature. Credits: 3
ENG 3604 - Special Topics in Literature. Credits: 3
ENG 3606 - Modern Drama. Credits: 3
ENG 3706 - American Regional Literature. Credits: 3
ENG 3903 - Women, Literature, and Language. Credits: 3
ENG 3970 - Study Abroad. Credits: 1 to 15
ENG 4275 - Internship in Professional Writing. Credits: 4
ENG 4752 - Studies in Drama. Credits: 3
ENG 4760 - Studies in Professional Writing Credits: 3
ENG 4761 - Creative Nonfiction Writing Credits: 3
ENG 4762 - Poetry Writing. Credits: 3
ENG 4763 - Fiction Writing. Credits: 3
ENG 4764 - Play Writing. Credits: 3
ENG 4903 - Young Adult Literature. Credits: 3
ENG 4905 - Studies in Children's Literature. Credits: 3
ENG 4906 - Problems in the Teaching of English. Credits: 3

Footnotes:

Concurrent or prior registration in ENG 2205 is strongly recommended for majors in all courses at the 2000-level or above.

Except for ENG 3009G and 3099G, English courses in the General Education Program do not fulfill requirements in the English major or minors. (Major GPA based on all English courses taken at EIU except ENG 0990, 0995, 1000, 1001G, 1002G, 1091G, 1092G, and General Education courses other than 3009G or 3099G.)

B.A. in English Language Arts Option for Teacher Certification

The English Language Arts Certification Option is for students who would like to major in English and gain Illinois state certification at the secondary level to teach English language arts. Students must receive a grade of "C" or better in all courses in the major and maintain a minimum cumulative G.P.A. of 2.75. For students also wanting to be eligible to teach middle school language arts, additional Middle Level Education courses are required.

Core Requirements

Please note that a GPA of 2.75, both cumulative and in the major, is required for departmental approval to student teach. Major GPA based on all English courses taken at EIU, excluding ENG 0990, 0995, 1000, and General Education courses other than 3009G and 3099G. A grade of C or better is required in each course that applies to the major. For the education course work required for this option, see "Teacher Certification Programs."

This option requires that students follow and meet the requirements for Admission, Retention and Graduation from Teacher Certification programs as described in the "Teacher Certification Programs" section of this catalog and as explained at the University Admission to Teacher Education Meeting which all students must attend. Additional information on Admission, Retention and Graduation for Teacher Certification programs can be found on the College of Education & Professional Studies website at www.eiu.edu/ceps/teached.

All students must pass the Illinois Certification Test of Basic Skills for selection into teacher education and should complete this requirement no later than their sophomore year.

Students must receive a "C" or better in all courses counted toward the English major and in all professional education courses and must maintain a minimum cumulative and major GPA of 2.75 in order to continue in the program.

Students have two options for completing the professional education coursework – Regular Secondary Education Program and Integrated Secondary Education Program (ISEP). Information is also available in the Teacher Certification Program section of this catalog.

English with Language Arts Certification Option

Standard High School Certification with no minor required.

Group 1 - Core Courses (24 credits). All of:

- ENG 2205 - Introduction to Literary Studies. Credits: 3
- ENG 2601 - Backgrounds of Western Literature. Credits: 3
- ENG 2901 - Structure of English. Credits: 3
- ENG 3401 - Methods of Teaching Composition in the Secondary School. Credits: 3
- ENG 3402 - Methods of Teaching Literature in the Secondary School. Credits: 3
- ENG 4801 - Integrating the English Language Arts. Credits: 3
- ENG 4903 - Young Adult Literature. Credits: 3

One additional course in writing, chosen from:

- Any 4000-level course in creative writing (note prerequisites).
- ENG 2760 - Introduction to Professional Writing. Credits: 3
- ENG 3001 - Advanced Composition. Credits: 3
- ENG 3002 - Research Writing for Literary Studies. Credits: 3
- ENG 3005 - Technical Communication. Credits: 3

Group 2 - Focused Study in Multicultural Literatures (6 credits).

- ENG 3705 - American Multicultural Literatures. Credits: 3

One additional course, chosen from:

Courses in Group 5 when so designated by the Department Chair in consultation with the instructor.

- ENG 2705 - African-American Literature. Credits: 3
- ENG 2850 - Postcolonial Literatures in English. Credits: 3

- ENG 4750 - Studies in African-American Literature. Credits: 3
- ENG 4850 - Studies in Third World Literatures. Credits: 3

Group 3 - Breadth in Historical Literary Studies (15 credits).**A. Literature before 1800. Two of:**

Courses in Group 5 when so designated by the Department Chair in consultation with the instructor.

- ENG 3700 - American Literature: 1450 to 1800. Credits: 3
- ENG 3800 - Medieval British Literature. Credits: 3
- ENG 3803 - Renaissance and Seventeenth-Century British Literature. Credits: 3
- ENG 3805 - Restoration and Eighteenth-Century British Literature. Credits: 3

B. Nineteenth Century. One of:

Courses in Group 5 when so designated by the Department Chair in consultation with the instructor.

- ENG 3701 - American Literature: 1800 to Mid-19th Century. Credits: 3
- ENG 3702 - American Literature: Mid-19th Century to 1900. Credits: 3
- ENG 3806 - British Romantic Literature. Credits: 3
- ENG 3807 - Victorian Literature. Credits: 3

C. Twentieth Century and After. One of:

Courses in Group 5 when so designated by the Department Chair in consultation with the instructor.

- ENG 3703 - American Literature: 1900 to 1950. Credits: 3
- ENG 3704 - American Literature: 1950 to present. Credits: 3
- ENG 3808 - Twentieth-Century British Literature. Credits: 3
- ENG 3809 - Contemporary British and Anglophone Literatures. Credits: 3

D. Major Author Study. One of:

Courses in Group 5 when so designated by the Department Chair in consultation with the instructor.

- ENG 3601 - Studies in Major Writers. Credits: 3
- ENG 3801 - Chaucer. Credits: 3
- ENG 3802 - Shakespeare. Credits: 3
- ENG 3804 - Milton. Credits: 3

Group 4 - Capstone Courses (6 credits)

- ENG 4300 - Senior Seminar. Credits: 3
- OR ENG 4390 - Senior Seminar, Honors. Credits: 3
- ENG 4775 - Studies in Literary and Cultural Criticism and Theory. Credits: 3
- OR ENG 4950 - Literary History. Credits: 3

English Electives (6 credits)

Two additional courses in English, chosen from any of the above or from Group 5. General Education courses are excluded, except for 3009G/3099G. Two courses in a single foreign language may be counted if numbered 2000 or above, not taught in English, and not offered for Gen Ed credit.

Group 5 English Electives

- ENG 2001 - Creative Writing: Nonfiction. Credits: 3
- ENG 2003 - Creative Writing: Poetry. Credits: 3
- ENG 2005 - Creative Writing: Drama. Credits: 3
- ENG 2007 - Creative Writing: Fiction. Credits: 3
- ENG 2602 - World Literature since the Renaissance. Credits: 3
- ENG 2603 - Greek and Roman Mythology. Credits: 3
- ENG 2692 - World Literature since the Renaissance, Honors. Credits: 3
- ENG 2705 - African-American Literature. Credits: 3
- ENG 2760 - Introduction to Professional Writing. Credits: 3
- ENG 3005 - Technical Communication. Credits: 3
- ENG 3009G - Myth and Culture. Credits: 3
- ENG 3099G - Myth and Culture, Honors. Credits: 3
- ENG 3405 - Children's Literature. Credits: 3
- ENG 3504 - Film and Literature. Credits: 3
- ENG 3600 - The Bible as Literature. Credits: 3
- ENG 3604 - Special Topics in Literature. Credits: 3
- ENG 3606 - Modern Drama. Credits: 3
- ENG 3706 - American Regional Literature. Credits: 3
- ENG 3901 - Language and Linguistics. Credits: 3
- ENG 3970 - Study Abroad. Credits: 1 to 15
- ENG 4275 - Internship in Professional Writing. Credits: 4

ENG 4750 - Studies in African-American Literature. Credits: 3
 ENG 4752 - Studies in Drama. Credits: 3
 ENG 4760 - Studies in Professional Writing Credits: 3
 ENG 4761 - Creative Nonfiction Writing Credits: 3
 ENG 4762 - Poetry Writing. Credits: 3
 ENG 4763 - Fiction Writing. Credits: 3
 ENG 4764 - Play Writing. Credits: 3
 ENG 4901 - History of the English Language. Credits: 3
 ENG 4905 - Studies in Children's Literature. Credits: 3
 ENG 4906 - Problems in the Teaching of English. Credits: 3

English Honors Program

To be admitted to the Departmental Honors Program, students must have at least a 3.50 GPA and a major GPA of 3.50 on a 4.0 point scale after completing English 1001G/91G, 1002G/92G, 2205, 2601, and any two additional English courses or transfer equivalents. Students must also have the approval of the Dean of the Honors College, the Department Honors Coordinator, and the Department Chairperson.

To apply to the English Honors Program, contact the Honors Director in the English Department.

Students in the English Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their GPA to 3.50 and submit their petition to the Dean of the Honors College and Departmental Honors Coordinator.

Departmental Honors Requirements

Honors students must complete the following 13 semester hours with a 3.50 GPA:

One 2000- or 3000-level English Honors course, excluding 2091G, 2099G, 3090G OR one 4000-level English course (with permission of the instructor and Department Honors Coordinator, excluding 4275, 4300, 4390, 4644, 4950). Credits: 3

One 5000-level Graduate Seminar (5000-5010). Credits: 4

ENG 4390 - Senior Seminar, Honors. Credits: 3

ENG 4644 - Honors Thesis. Credits: 3

With the permission of the Director, ENG 4390 and ENG 4644 and the additional honors course (or 4000-level substitute) may be counted toward Group requirements in the Major.

English Minor

Total Hours: 18

ENG 3001 - Advanced Composition. Credits: 3

Electives in English, 15 semester hours

15 sem. hrs. of English electives which must include at least one other upper division course; limit of 3 sem. hrs. for 3970; excludes courses for general education except 3009G and 3099G; also excludes 0990, 0995, 1000, 3401, 3402, 4906.

Creative Writing Minor

Total Semester Hours: 18

15-18 semester hours from the following courses, with at least 6 Semester Hours at the 4000 level.

ENG 2001 - Creative Writing: Nonfiction. Credits: 3

ENG 2003 - Creative Writing: Poetry. Credits: 3

ENG 2005 - Creative Writing: Drama. Credits: 3

ENG 2007 - Creative Writing: Fiction. Credits: 3

ENG 4761 - Creative Nonfiction Writing Credits: 3

ENG 4762 - Poetry Writing. Credits: 3

ENG 4763 - Fiction Writing. Credits: 3

ENG 4764 - Play Writing. Credits: 3

0-3 semester hours from

CMN 3520 - Radio Production. Credits: 3

CMN 3540 - Video Production. Credits: 3

ENG 3005 - Technical Communication. Credits: 3

ENG 3405 - Children's Literature. Credits: 3

ENG 3504 - Film and Literature. Credits: 3

ENG 3606 - Modern Drama. Credits: 3

ENG 3703 - American Literature: 1900 to 1950. Credits: 3

ENG 3704 - American Literature: 1950 to present. Credits: 3

ENG 3808 - Twentieth-Century British Literature. Credits: 3

ENG 4760 - Studies in Professional Writing Credits: 3

JOU 2101 - News Writing. Credits: 3

JOU 3000 - Advanced Reporting and Research Credits: 3

JOU 3102 - Feature Writing. Credits: 3

THA 2258 - Script Analysis. Credits: 3

THA 3345 - Topics in Acting. Credits: 3

THA 3753G - Development of American Theatre and Drama. Credits: 3

Professional Writing Minor

Total Hours: 20-22

ENG 2760 - Introduction to Professional Writing. Credits: 3

ENG 3005 - Technical Communication. Credits: 3

ENG 4275 - Internship in Professional Writing. Credits: 4

ENG 4760 - Studies in Professional Writing Credits: 3*

JOU 3302 - Editing and Design for Targeted Audiences. Credits: 3

And 4-6 Elective Hours Chosen From

ENG 2001 - Creative Writing: Nonfiction. Credits: 3

ENG 3001 - Advanced Composition. Credits: 3

ENG 3901 - Language and Linguistics. Credits: 3

ENG 4760 - Studies in Professional Writing Credits: 3*

INT 1363 - Graphic Communication Technologies. Credits: 3

INT 4813 - Advanced Digital Media Technologies. Credits: 3

JOU 2101 - News Writing. Credits: 3

or JOU 3000

JOU 2901 - Introduction to Copy Editing. Credits: 3

JOU 3000 - Advanced Reporting and Research Credits: 3

or JOU 2101

JOU 3102 - Feature Writing. Credits: 3

JOU 3701 - Online Journalism. Credits: 1

JOU 3903 - Women and the Media. Credits: 3

JOU 3920 - Public Relations in Society. Credits: 3

JOU 3951 - Minorities and the Media. Credits: 3

JOU 4760 - Advanced Publication Design. Credits: 3*

JOU 4771 - Communication Law. Credits: 3

MGT 3830 - Managerial Communications. Credits: 3

Footnotes:

*Can be repeated as elective with change of topic

FOREIGN LANGUAGES

B.A. in Foreign Languages

Major

A major in Foreign Languages (with a concentration in French, German or Spanish) consists of one of the following four course selections. Course selections vary in two primary ways:

1. The number of semester hours (3-9 semester hours) of FLE or equivalent courses required.
2. The number of semester hours of a second foreign language (8-16 semester hours). Choice of course selection should be made according to the individual majors' interests in consultation with their advisor.

Course Selection I

Total Hours: 52

- 3 foreign language courses taught in English. Credits: 9
- 2 courses in any second foreign language. Credits: 8
(*Completion of Foreign Languages 1102*)³
- Advanced Composition/Conversation -- French, German or Spanish. Credits: 3
- Culture and Civilization, Advanced Level -- French, German or Spanish. Credits: 3
- 7 elective upper-division courses in the concentration. Credits: 21

Foreign Languages 2201G

French, German, or Spanish. Credits:4

FLF 2201G - Intermediate French I. Credits: 4

FLG 2201G - Intermediate German I. Credits: 4

FLS 2201G - Intermediate Spanish I. Credits: 4

Foreign Languages 2202G

French, German or Spanish. Credits: 4
 FLF 2202G - Intermediate French II. Credits: 4
 FLG 2202G - Intermediate German II. Credits: 4
 FLS 2202G - Intermediate Spanish II. Credits: 4

Course Selection II

Total Hours: 53

- 2 foreign language courses taught in English. Credits: 6
- 3 courses in a second foreign language. Credits: 12
(Completion of Foreign Languages 2201G)
- Remainder as in Course Selection I. Credits: 35
- FLF 2201G - Intermediate French I. Credits: 4
- FLG 2201G - Intermediate German I. Credits: 4
- FLS 2201G - Intermediate Spanish I. Credits: 4

Course Selection III

Total Hours: 54

- 1 foreign language course taught in English. Credits: 3
- 4 courses in a second foreign language. Credits: 16
(Completion of Foreign Languages 2202G)
- Remainder as in Course Selection I. Credits: 35
- FLF 2202G - Intermediate French II. Credits: 4
- FLG 2202G - Intermediate German II. Credits: 4
- FLS 2202G - Intermediate Spanish II. Credits: 4

Course Selection IV

Total Hours: 54

- 1 foreign language course taught in English. Credits: 3
- 2 courses in a second foreign language. Credits: 8
(Completion of Foreign Languages 1102)
- 2 courses in a third foreign language. Credits: 8
(Completion of Foreign Languages 1102)
- Remainder as in Course Selection I. Credits: 35

Footnotes:

³ Depending on language of concentration; may be replaced by three years of high school language work with grade of C or better and permission of Department Chair.

(Major GPA based on all courses taken in the language of concentration at EIU)

B.A. in Foreign Languages: French, German or Spanish Teacher Certification

The BA in Foreign Languages with Teacher Certification is a K-12 certification and is comprised of 1) 40 semester hours of General Education, 2) professional education core courses as specified below and including ELE 2320, 3) 32 semester hours in French, German or Spanish including 3 semester hours of Cadet Teaching (FLF/FLG/FLS 3401).

This major requires that students follow and meet the requirements for Admission, Retention and Graduation from Teacher Certification programs as described in the "Teacher Certification Programs" section of this catalog and as explained at the University Admission to Teacher Education Meeting which all students must attend. Students must gain University Approval to Take Teacher Education Courses no later than the end of their first semester Junior year in order to use this suggested plan. Additional information on Admission, Retention and Graduation for Teacher Certification programs can be found on the College of Education and Professional Studies website at www.eiu.edu/ceps/teached

All students must pass the Illinois Certification Test of Basic Skills for selection into teacher education and should complete this requirement no later than their sophomore year.

Students must receive a "C" or better in all professional education courses and maintain a minimum cumulative and major GPA of 2.65 in order to continue in the program.

Students have two options for completing the professional education coursework – Regular Secondary Education Program and Integrated Secondary Education Program (ISEP). For more information regarding these two options please consult with your advisor. Information is also available in the Teacher Certification Program section of this catalog.

Footnotes:

Students must complete all the professional coursework under either the Regular Secondary Education Program or the Integrated Alternative Secondary Education Program.

Foreign Languages Honors Program

Admission to the Honors Program requires a 3.50 GPA on a 4.0 point scale and permission of the Dean of the Honors College and the chairperson of the Department of Foreign Languages.

Students in the Foreign Language Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their GPA to 3.50 and submit their petition to the Dean of the Honors College and Departmental Honors Coordinator.

Departmental Honors Requirements

Additional course work associated with Foreign Languages Major Selection I-IV or Major in French or Spanish with Teacher Certification.

Departmental Honors hours may be done within the context of our regular major options. Honors hours replace electives counted toward the Major in Foreign Languages. Total hours in major remain the same.

Departmental Honors students must complete the following courses as well as meet the GPA requirement of 3.5.

- 3 semester hours of FLF, FLG, or FLS 4444 Honors Independent Study.
- 3 semester hours of FLF, FLG, or FLS 4644 Honors Thesis.
- 3 semester hours of FLF, FLG, or FLS 4666 Honors Seminar (2 times)
- FLF 4444 - Honors Independent Study. Credits: 3
- FLF 4644 - Honors Thesis. Credits: 3
- FLF 4666 - Honors Seminar. Credits: 3
- FLG 4444 - Honors Independent Study. Credits: 3
- FLG 4644 - Honors Thesis. Credits: 3
- FLG 4666 - Honors Seminar. Credits: 3
- FLS 4444 - Honors Independent Study. Credits: 3
- FLS 4644 - Honors Thesis. Credits: 3
- FLS 4666 - Honors Seminar. Credits: 3

Foreign Languages Minors

Total Hours: 20

A minor in French, German or Spanish consists of a minimum of 20 semester hours beyond 1102 (second semester). At least 12 of the 20 semester hours must be on the 3000 or 4000 level. E.g.:

- FLF, FLG, or FLS 2201G. Credits: 4
- FLS, FLG, or FLS 2202G. Credits: 4
- Four advanced courses. Credits: 12

However, with the approval of the department chairperson, students with three or four years of high school study in the language, or the equivalent, may be placed in one of the following alternate plans:

1. 2202 plus 12 hours in courses numbered 3000 or above. Upon completion of these hours the student will be exempted from four hours of lower-division course work ordinarily required for the minor.
2. 12 hours in courses numbered 3000 or above. Upon completion of these hours the student will be exempted from eight hours of lower-division course work ordinarily required for the minor.

Note: With the exception of FLF/FLG/FLS 4275, courses taken on Credit/No Credit basis do not count toward this minor

- FLF 2201G - Intermediate French I. Credits: 4
- FLF 2202G - Intermediate French II. Credits: 4
- FLG 2201G - Intermediate German I. Credits: 4
- FLG 2202G - Intermediate German II. Credits: 4
- FLS 2201G - Intermediate Spanish I. Credits: 4
- FLS 2202G - Intermediate Spanish II. Credits: 4

Foreign Languages: French, German or Spanish Minor for Teacher Certification

Total Hours: 28

Completion of a teacher certification minor does not guarantee that the individual will be granted an endorsement to teach in that field. Individuals must meet all requirements (including state tests) as set forth by the Illinois State Board of Education to be granted an endorsement in a second teaching field.

Note: Courses taken on Credit/No Credit basis do not count toward this minor.

The minor comprises:

- Courses numbered beyond 1101G in the language of the minor. Credits: 21
- Cadet Teaching 3401. Credits: 3
- FLE 3400 - Methods of Teaching Foreign Language. Credits: 3

HISTORY

B.A. in History

Major

The History major comprises the following courses and 33 hrs. in History electives numbered above 3000 to include nine sem. hrs. in U.S. history and nine sem. hrs. in non-U.S. history, which must include at least one 4000-level U.S. history and one 4000-level non-U.S. history course, and one additional 4000 level course.

- HIS 2010G - History of the United States to 1877. Credits: 3
- HIS 2020G - History of the United States Since 1877. Credits: 3
- HIS 2500 - Historical Research and Writing. Credits: 3
- HIS 2560 - Early Modern World History. Credits: 3
- HIS 3555 - Modern World History. Credits: 3
- HIS 3600G - The U.S. Constitution and the Nation. Credits: 3

Footnotes:

(Major GPA based on all history courses taken at EIU.)

History majors are strongly advised to take 2000-level courses before 4000-level courses.

B.A. in History: International Studies Option

This option requires 54 hours in History, Economics, Political Science and Geography; and proficiency at the intermediate level of a foreign language or the completion of courses in a foreign language.

Core Requirements

Choose one of the following foreign language courses:

- FLF 2202G - Intermediate French II. Credits: 4
- FLG 2202G - Intermediate German II. Credits: 4
- FLS 2202G - Intermediate Spanish II. Credits: 4

Complete the following courses:

- ECN 2801G - Principles of Macroeconomics. Credits: 3
- ECN 2802G - Principles of Microeconomics. Credits: 3
- ECN 3860 - International Economics. Credits: 3
- HIS 2010G - History of the United States to 1877. Credits: 3
- HIS 2020G - History of the United States Since 1877. Credits: 3
- HIS 2500 - Historical Research and Writing. Credits: 3
- HIS 2560 - Early Modern World History. Credits: 3
- HIS 3555 - Modern World History. Credits: 3

3 Semester Hours From:

- HIS 3250 - African History. Credits: 3
- HIS 3260 - Modern Latin America. Credits: 3
- HIS 3320 - History of Modern China. Credits: 3

18 Semester Hours of History Electives

History electives numbered above 3000 to include nine sem. hrs. in U.S. History and nine sem. hrs. in non-U.S. History, which must include at least one 4000-level U.S. history and one 4000-level non-U.S. history course.

6 Semester Hours From:

- PLS 2253G - Introduction to International Relations. Credits: 3
- PLS 3203 - American Foreign Policy. Credits: 3
- PLS 3223 - International Organizations. Credits: 3
- PLS 3303 - European Politics and Governments Credits: 3
- PLS 3323 - Post-Communist Politics and Governments. Credits: 3
- PLS 3363 - Government and Politics in Asia-Pacific Rim. Credits: 3
- PLS 3373 - International Political Economy. Credits: 3
- PLS 4823 - International Policy Issues. Credits: 3

3 Semester Hours From:

- GEG 1200G - World Regional Geography. Credits: 3
- GEG 3600 - Economic Geography. Credits: 3

B.A. in History: Teacher Certification Option

The History with Teacher Certification Option is for students who would like to major in History and gain Illinois state certification at the secondary level to teach all of the social sciences (history, economics, geography, political science, psychology and sociology/anthropology). Students must receive a grade of "C" or better in all courses in the major and maintain a minimum cumulative and major G.P.A. of 2.75. For students also wanting to be eligible to teach middle school history, additional Middle Level Education courses are required.

This option requires that students follow and meet the requirements for Admission, Retention and Graduation from Teacher Certification programs as described in the "Teacher Certification Programs" section of this catalog and as explained at the University Admission to Teacher Education Meeting which all students must attend. Students must gain University Approval to Take Teacher Education Courses no later than the end of their first semester Junior year in order to use this suggested plan. Additional information on Admission, Retention and Graduation for Teacher Certification programs can be found on the College of Education and Professional Studies website at www.eiu.edu/ceps/teached.

All students must pass the Illinois Certification Test of Basic Skills for selection into teacher education and should complete this requirement no later than their sophomore year.

Students must receive a "C" or better in all professional education courses and maintain a minimum cumulative and major GPA of 2.65 in order to continue in the education program. Students must receive a "C" or better in all professional education and major courses, and maintain a minimum cumulative and major GPA of 2.75, in order to be approved for student teaching. Approval for student teaching requires that the minimum GPA be held at the beginning of the semester prior to the student-teaching semester.

Students have two options for completing the professional education coursework – Regular Secondary Education Program and Integrated Secondary Education Program (ISEP). For more information regarding these two options, please consult with your advisor. Information is also available in the Teacher Certification Program section of this catalog.

History with Teacher Certification Option Comprises:

Students must complete all the professional coursework under either the Regular Secondary Education Program or the Integrated Secondary Education Program.

40 Semester Hours of General Education

25-31 Semester Hours in the Professional Education Core

The Professional Education Core consists of the Regular program or Integrated (ISEP) program (see below.)

Regular Program:

- EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
- EDF 4450 - Philosophy and History of Education. Credits: 3
- EDP 3331 - Theories of Learning and Development for Secondary Teachers. Credits: 3
- SED 2000 - Inquiry Into Teaching. Credits: 1
- SED 3330 - Instructional Tasks in the Secondary School. Credits: 3
- SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3
- STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
- STG 4001 - Student Teaching. Credits: 12-16

OR

Integrated (ISEP) Program:

- EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
- SED 2000 - Inquiry Into Teaching. Credits: 1
- SED 3000 - ISEP Level I. Credits: 3
- SED 3100 - ISEP Level II. Credits: 3
- SED 4000 - ISEP Level III. Credits: 3
- STG 4001 - Student Teaching. Credits: 12-16

78 Semester Hours in Major Courses

(13 of which overlap with general education courses)
Upper-Division U.S. History Elective. Credits: 3

JOURNALISM

Upper-Division non-U.S. History Electives, including 3 hours in Third World. Credits: 9

ANT 2200G - Introduction to Anthropology. Credits: 3
 ECN 2801G - Principles of Macroeconomics. Credits: 3
 ECN 2802G - Principles of Microeconomics. Credits: 3
 GEG 1100G - Cultural Geography. Credits: 3
 GEG 1200G - World Regional Geography. Credits: 3
 GEG 3200 - Human Impacts on the Environment. Credits: 3
 HIS 1500G - Roots of the Modern World: Society and Religion. Credits: 3
 HIS 2010G - History of the United States to 1877. Credits: 3
 HIS 2020G - History of the United States Since 1877. Credits: 3
 HIS 2500 - Historical Research and Writing. Credits: 3
 HIS 2560 - Early Modern World History. Credits: 3
 HIS 3555 - Modern World History. Credits: 3
 HIS 3600G - The U.S. Constitution and the Nation. Credits: 3
 PLS 1003 - Introduction to Comparative Politics. Credits: 3
 PLS 2253G - Introduction to International Relations. Credits: 3
 PLS 2603 - State and Local Government. Credits: 3
 PSY 1879G - Introductory Psychology. Credits: 3
 PSY 3521 - Psychology of Adolescence and Young Adulthood. Credits: 3
 PSY 3780 - Abnormal Psychology. Credits: 3
 SOC 2710G - Introductory Sociology. Credits: 3
 SOC 2721 - Social Stratification. Credits: 3
 SOS 3400 - Methods and Materials in the Social Studies in the Secondary School. Credits: 3

Footnote:

Students must complete all the professional coursework under either the Regular Secondary Education Program or the Integrated Secondary Education Program.

History Honors Program

To be admitted to the Departmental Honors Program, students must have at least a 3.50 CGPA and a major GPA of 3.50 on a 4.0 point scale after completing History 2010, 2020, 2500, 2560 or their equivalent through transfer credit. Students must also have permission of the Dean of Honors College and the Departmental Honors Coordinator.

Students in the History Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their GPA to 3.50 and submit their petition to the Dean of the Honors College and Departmental Honors Coordinator.

Departmental Honors Requirements

Honors students must complete all other departmental requirements with a 3.50 GPA as well as a 3.50 CGPA. They may not receive credit for both History 4444 and History 4400 (Independent Study in History).

Honor students must complete the following 15 semester hours with a 3.50 GPA:

HIS 5000-5499 Graduate Seminar. Credits: 3
 HIS 3555 - Modern World History. Credits: 3
 HIS 4444 - Honors Independent Study. Credits: 3
 HIS 4555 - Honors Research. Credits: 3
 or HIS 4666 depending upon departmental scheduling
 HIS 4644 - Honors Thesis. Credits: 3

History Minor**Total Hours: 18**

For the education course work required for this option, see "Teacher Certification Programs".

History electives numbered above 3000 except 3910, 3940, 3970, 4400. Credits: 6
 HIS 2010G - History of the United States to 1877. Credits: 3
 HIS 2020G - History of the United States Since 1877. Credits: 3
 HIS 2560 - Early Modern World History. Credits: 3
 HIS 3555 - Modern World History. Credits: 3

B.A. in Journalism**Major**

Journalism majors may apply no more than 12 transfer credit hours, nor more than 40 total credit hours in journalism courses, toward the 120-hour graduation requirement. At least 65 of the remaining 80 credit hours must be taken in liberal arts and sciences. Journalism majors must successfully complete either PLS 1153G or HIS 3600G. A minimum grade of C is required for all Journalism courses. A minimum GPA of 2.5 is required for all Journalism coursework.

The Journalism major consists of 69-70 hours in three required areas and a fourth voluntary area of co-curricular activities.

I. Journalism Course Work - Total Hours: 39-40

**This requirement may be waived by the department chair with evidence of equivalent experience.*

*** If designated by the department chair as a Media and Society topic.*

Core: 24 or 25 hours

JOU 2001G - Journalism and Democracy. Credits: 3
 JOU 2101 - News Writing. Credits: 3
 JOU 2901 - Introduction to Copy Editing. Credits: 3
 JOU 2950 - Introduction to Visual Communication. Credits: 3
 JOU 3000 - Advanced Reporting and Research Credits: 3
 JOU 3401 - Journalism Practicum. Credits: 1*
 JOU 4102 - Journalism Ethics. Credits: 3
 JOU 4771 - Communication Law. Credits: 3

Plus one Media and Society Course from:

JOU 3903 - Women and the Media. Credits: 3
 JOU 3920 - Public Relations in Society. Credits: 3
 JOU 3950 - Special Topics. Credits: 1 to 3**
 JOU 3951 - Minorities and the Media. Credits: 3
 JOU 3952 - International Journalism and the World Press: Processes, Issues, Functions and Challenges. Credits: 3
 JOU 3953 - Perspectives on Sports and the Media. Credits: 3
 JOU 4900 - Journalism Seminar. Credits: 3**

Electives - Total Hours: 15

Students may choose a maximum of 15 hours of elective courses in Journalism to complete the 39- or 40-hour requirement or they may use their elective hours to pursue a concentration (listed later in this section) in a specific area of Journalism. With the assistance of their academic advisors, students should choose their Block A and Block B courses to complement their concentrations.

II. Liberal Arts Area (Block A) - Total Hours: 18

With consultation of the academic advisor, include a course from three of these four areas: Political Science, History, Sociology, and Economics.

With permission of advisor and chair, student may substitute other courses at same level (e.g., 2000, 3000) or higher for listed courses within the same field of study.

- Foreign Language 2201G
- any upper division course in Geography
- any upper division course in International History
- any upper division course in Philosophy
- any upper division course in International Political Science
- any upper division course in Psychology
- any upper-division course in Sociology

ANT 2200G - Introduction to Anthropology. Credits: 3
 CMN 2650 - Introduction to Organizational Communication. Credits: 3
 ECN 2801G - Principles of Macroeconomics. Credits: 3
 ECN 3880 - Government and Business. Credits: 3
 ENG 2901 - Structure of English. Credits: 3
 ENG 3001 - Advanced Composition. Credits: 3
 HIS 3940 - History of American Journalism. Credits: 3
 PLS 2603 - State and Local Government. Credits: 3
 SOC 2750G - Social Problems in Contemporary Society. Credits: 3
 SOC 2761 - Introduction to Criminology. Credits: 3

III. Non-Journalism Specialty (Block B) - Total Hours: 12

Selection of these upper-division courses [numbered 3000 and 4000], ordinarily in a block from a single department or related courses offered by more than one academic department, requires consultation with student's advisor. Upon recommendation of advisor, chair may approve one lower division course if it is a prerequisite for upper division courses. Courses must be integrated into student's program in Journalism. Block A courses cannot be counted toward Block B. A second major or a non-journalism minor meets the Block B requirement.

IV. Co-Curricular Volunteer Activities

Students who have worked on student media have found co-curricular learning activities and experiences to be invaluable. Opportunities available on student media: news, business and advertising staffs of *The Daily Eastern News*; the *Verge* entertainment supplement; *Minority Today*; the *Warbler* yearbook; *Pounce Online*; *WEIU-TV-FM*; the Agency.

Organizations that offer significant learning experiences include the Public Relations Student Society of America, Society of Professional Journalists, Student Illinois News Broadcasters Association, Society of Newspaper Design, and Society for Collegiate Journalists.

Concentration in Writing and Reporting

This concentration is designed to provide students with the knowledge and values necessary to understand the roles and functions of writers and reporters in journalistic media and to provide them with the skills and practice necessary to excel in such roles.

JOU 3102 - Feature Writing. Credits: 3

JOU 3800 - Advanced Editing Credits: 3

JOU 4770 - News Media Opinion Writing and Editing. Credits: 3

Choose Six Hours from the Following:

JOU 3610 - Broadcast News Writing. Credits: 3

JOU 3620 - Electronic News Gathering. Credits: 3

JOU 3705 - Public Relations Writing Credits: 3

JOU 3706 - Sports Writing Credits: 3

JOU 3950 - Special Topics. Credits: 1 to 3

(if writing and reporting topic)

JOU 4900 - Journalism Seminar. Credits: 3

(if writing and reporting topic)

Concentration in Editing

This concentration is designed to provide students with the knowledge and values necessary to understand the roles and functions of editors in journalistic media and to provide them with the skills and practice necessary to excel in such roles.

JOU 3301 - Editing and Design for Newspapers Credits: 3

or

JOU 3302 - Editing and Design for Targeted Audiences. Credits: 3

JOU 3800 - Advanced Editing Credits: 3

JOU 4001 - Newspaper Management. Credits: 3

Choose Six Hours from the Following:

JOU 3001 - Photojournalism. Credits: 3

JOU 3701 - Online Journalism. Credits: 1

JOU 3702 - Online Journalism Lab. Credits: 2

JOU 3950 - Special Topics. Credits: 1 to 3

(if editing topic)

JOU 4760 - Advanced Publication Design. Credits: 3

JOU 4770 - News Media Opinion Writing and Editing. Credits: 3

JOU 4900 - Journalism Seminar. Credits: 3

(if editing topic)

Concentration in Design

This concentration is designed to provide students with the knowledge and values necessary to understand the roles and functions of visual communicators in journalistic media and to provide them with the skills and practice necessary to excel in such roles.

JOU 3001 - Photojournalism. Credits: 3

JOU 3301 - Editing and Design for Newspapers Credits: 3

or

JOU 3302 - Editing and Design for Targeted Audiences. Credits: 3

JOU 4760 - Advanced Publication Design. Credits: 3

Choose Six Hours from the Following:

JOU 3701 - Online Journalism. Credits: 1

JOU 3702 - Online Journalism Lab. Credits: 2

JOU 3800 - Advanced Editing Credits: 3

JOU 3950 - Special Topics. Credits: 1 to 3

(if design topic)

JOU 4751 - Advanced Photojournalism. Credits: 3

JOU 4900 - Journalism Seminar. Credits: 3

(if design topic)

Concentration in Photojournalism

This concentration is designed to provide students with the knowledge and values necessary to understand the roles and functions of photojournalists and videographers in journalistic media and to provide them with the skills and practice necessary to excel in such roles.

JOU 3001 - Photojournalism. Credits: 3

JOU 3301 - Editing and Design for Newspapers Credits: 3

or

JOU 3302 - Editing and Design for Targeted Audiences. Credits: 3

JOU 4751 - Advanced Photojournalism. Credits: 3

Choose Six Hours from the Following:

JOU 3701 - Online Journalism. Credits: 1

JOU 3702 - Online Journalism Lab. Credits: 2

JOU 3950 - Special Topics. Credits: 1 to 3

(if photography topic)

JOU 4760 - Advanced Publication Design. Credits: 3

JOU 4900 - Journalism Seminar. Credits: 3

(if photography topic)

Concentration in Public Relations

This concentration is designed to provide students with the knowledge and values necessary to understand the roles and functions of public relations professionals and to provide them with the skills and practice necessary to excel in such roles.

JOU 3302 - Editing and Design for Targeted Audiences. Credits: 3

JOU 3705 - Public Relations Writing Credits: 3

JOU 3920 - Public Relations in Society. Credits: 3

JOU 4919 - Public Relations Techniques. Credits: 3

JOU 4920 - Case Studies in Public Relations Problems. Credits: 3

Choose Three Hours from the Following:

JOU 3501 - Principles of Advertising. Credits: 3

JOU 3701 - Online Journalism. Credits: 1

JOU 3702 - Online Journalism Lab. Credits: 2

JOU 3950 - Special Topics. Credits: 1 to 3

(if PR topic)

JOU 4900 - Journalism Seminar. Credits: 3

(if PR topic)

Concentration in New and Emerging Media

This concentration is designed to provide students with the knowledge and values necessary to understand the roles and functions of new media journalists and to provide them with the skills and practice necessary to excel in such roles.

JOU 3301 - Editing and Design for Newspapers Credits: 3

or

JOU 3302 - Editing and Design for Targeted Audiences. Credits: 3

JOU 3701 - Online Journalism. Credits: 1

JOU 3702 - Online Journalism Lab. Credits: 2

JOU 4761 - Advanced New Media Design. Credits: 3

JOU 4762 - Interactive Reporting and Design. Credits: 3

Choose Three Hours from the Following:

JOU 3001 - Photojournalism. Credits: 3

JOU 3950 - Special Topics. Credits: 1 to 3

(if new and emerging media topic)

JOU 4760 - Advanced Publication Design. Credits: 3

JOU 4900 - Journalism Seminar. Credits: 3

(if new and emerging media topic)

Concentration in Broadcast News

This concentration is designed to provide students with the knowledge and values necessary to understand the roles and functions of journalists in broadcasting/electronic media and to provide them with the skills and practice necessary to excel in such roles.

CMN 2575 - Electronic Production II. Credits: 3

JOU 3610 - Broadcast News Writing. Credits: 3

JOU 3620 - Electronic News Gathering. Credits: 3

Choose Nine Hours from the Following:

- JOU 3001 - Photojournalism. Credits: 3
- JOU 3701 - Online Journalism. Credits: 1
- JOU 3702 - Online Journalism Lab. Credits: 2
- JOU 3706 - Sports Writing Credits: 3
- JOU 3950 - Special Topics. Credits: 1 to 3
(if broadcast new topic)
- JOU 4275 - Journalism Internship. Credits: 1 to 3
- JOU 4761 - Advanced New Media Design. Credits: 3
- JOU 4762 - Interactive Reporting and Design. Credits: 3
- JOU 4900 - Journalism Seminar. Credits: 3
(if broadcast new topic)

Journalism Honors Program**Departmental Honors Requirements**

Departmental Honors Requirements: Twelve semester hours in Journalism Honors courses shall be required. Each Honors course may be repeated for a maximum of six hours each with permission of the department chair.

Students must complete at least three credits in Honors Thesis as part of all other requirements in the major. Credits in Honors courses may replace elective credits in the major. Students in the Journalism Honors Program must maintain a minimum overall grade point average of 3.50. The chair will assign Honors courses to faculty. Unless the chair approves an exception, students will complete at least three different departmental Honors courses.

- JOU 2091G - Journalism and Democracy, Honors. Credits: 3
- JOU 4444 - Honors Independent Study. Credits: 1 to 6
- JOU 4555 - Honors Research. Credits: 1 to 6
- JOU 4644 - Honors Thesis. Credits: 3 to 6
- JOU 4666 - Honors Seminar. Credits: 1 to 6

Journalism Minor**Total Hours: 21 or 22**

- JOU 2001G - Journalism and Democracy. Credits: 3
- JOU 2101 - News Writing. Credits: 3
- JOU 2901 - Introduction to Copy Editing. Credits: 3
- JOU 2950 - Introduction to Visual Communication. Credits: 3
- JOU 3000 - Advanced Reporting and Research Credits: 3
- JOU 3401 - Journalism Practicum. Credits: 1

This requirement may be waived by the department chair with the showing of equivalent experience.

- JOU 4102 - Journalism Ethics. Credits: 3
- JOU 4771 - Communication Law. Credits: 3

Interdisciplinary Minor in Public Relations

See the interdisciplinary minors section of the catalog for information pertaining to this minor.

MUSIC**Auditions**

All entering freshmen and transfer students planning to major in music are required to audition in a performance division in advance of enrollment. In addition to the performance audition, prospective composition students should provide scores and/or tapes of original compositions prior to enrollment. Information on audition dates and requirements is available through the Music Department website www.eiu.edu/~music or office (217/581-3010). All students who wish to transfer credit in music theory, aural training, music history, applied studies, and piano are required to take a placement examination(s).

Jazz Studies Audition: Students who wish to take the Jazz Studies Concentration are required to perform the standard instrumental audition, plus demonstrate improvisation ability or jazz skills related to their particular instrument.

Applied Study

All music majors are required to study intermediate or advanced music performance on a one-to-one basis with a studio instructor. Such study is referred to as "applied study." While majors may pursue more than one area of applied study, each student must complete a sizable block of hours in one primary instrument or voice.

The hours of applied study taken each semester vary depending upon the program option in which the student is enrolled. The hours for primary or principal applied study are as follows:

Program	Credit	Lessons or	
	Hours per	Class	
	DegreePractice	Instruction	
	Semester	per Week	per Day
Introductory Applied	1	25 min	25 min
Teacher Cert. Option	1	50 min	1-2 hours
Performance Option	2 or 4	50 min	2-4 hours

Applied Study for Jazz Keyboard Majors: The applied study requirement is divided between traditional keyboard and jazz piano. The traditional keyboard requirement is four semesters (8 sh) or completion of the sophomore recital requirement. The remaining 14 sh of applied study is jazz piano.

Introductory Applied Study: The study of any instrument or voice in addition to the student's primary or principal may occur in any option or concentration for 1 sh per semester with prior consent of the instructor.

Non-music majors wishing to enroll in Introductory Applied (0010-0063) are required to audition for the performance division of their interest. Auditions are held during the registration period before classes begin.

Juries

Progress in applied study is evaluated through performance each semester by the faculty of the performance division in which the student is enrolled.

Junior Standing Juries: A Junior Standing Jury is a graduation requirement for all music majors and normally occurs at the end of the fourth semester of applied study. Students must pass the Junior Standing Jury to receive upper division credit and must complete the Jury by the end of the sixth semester, or its equivalent. Music education majors are required to have at least 2 sh of upper division credit (3310-3363) in fulfilling applied study requirements. Students electing the General Music Concentration must achieve Junior Standing but are not required to have upper division credit in applied study. All sophomore-level music theory courses (MUS 2542 & 2544) must be completed before achieving junior standing.

Jazz Studies Juries: Students with an Concentration in Jazz Studies are required to pass a Junior Standing Jazz Jury in addition to the standard Junior Standing Jury. After completing this jury, students must perform the standard jury and a jazz jury each semester in residence.

Recital Attendance Requirement

All music majors are required to complete a total of five semesters of MUS 1103: Recital, for which students must attend a certain number of recitals and concerts on campus. The Music Department office distributes specific recital attendance requirements and procedures at the beginning of each semester. The requirement for transfer students will be determined by the Music Department chairperson.

Student Recitals

Division and General Recitals: All students are required to appear in the series of division and general recitals in order to gain experience in musical performance, unless exempted by the applied instructor.

Degree Recitals

Option in Music Performance: Music Performance majors are required to perform a 15 minute Sophomore Recital (MUS 2101) and, following completion of the Junior Standing Jury, a 25 minute Junior recital (MUS 3101), and a 50 minute Senior Recital (MUS 4101). Students with a Concentration in Jazz Studies are required to present an additional 25 minute jazz recital of small group improvisation (MUS 3102) in the junior year. The Senior Recital for Jazz Studies majors must include combo performance, one original composition, and one arrangement for big band. Jazz Studies percussionists must demonstrate appropriate skills on mallet instruments, orchestral percussion, and drum set. Composition majors are required to present appropriate projects in lieu of the Junior and Senior Recitals.

Option in Music with Teacher Certification: Following completion of the Junior Standing Jury, Music Education majors are required to perform a 15 minute Junior Recital (MUS 3100) and a 25 minute Senior recital (MUS 4100). Students in the General Music Concentration must achieve

Junior Standing in their principal applied area of study with a Junior and Senior Recital being optional.

Liability Notice

In the event that students choose to store musical instruments on campus in any building operated by the University, they thereby waive any and all liability of the University and its employees for loss of, or damage to, such musical instruments by any cause whatsoever, including, but not limited to fire, water, windstorm or other casualty, theft, or dampness or dryness of the air.

B. Music in Music: Performance Option

In order to graduate with an option in performance, students must earn a "C" or better in all music courses except those that are taken as electives. A course may be repeated once to meet this requirement.

This option comprises:

21 Semester Hours in Music Theory

- MUS 1541 - Music Theory I. Credits: 3
- MUS 1542 - Music Theory II. Credits: 3
- MUS 1543 - Aural Training in Music. Credits: 1
- MUS 1544 - Aural Training in Music. Credits: 1
- MUS 2541 - Music Theory III. Credits: 3
- MUS 2542 - Music Theory IV. Credits: 3
- MUS 2543 - Aural Training in Music. Credits: 1
- MUS 2544 - Aural Training in Music. Credits: 1
- MUS 3541 - Music Analysis I: Music of the Common Practice Period. Credits: 3
- or
- MUS 3542 - Music Analysis II: Music of the Post-Tonal Period. Credits: 3

And 2 Semester Hours From:

- (The following courses are considered to be electives.)
- MUS 1570 - Composition. Credits: 1, 2, 4
 - MUS 2070 - Electronic Music Studio Techniques. Credits: 2
 - MUS 3541 - Music Analysis I: Music of the Common Practice Period. Credits: 3
 - MUS 3542 - Music Analysis II: Music of the Post-Tonal Period. Credits: 3
 - MUS 3547 - Orchestration. Credits: 2
 - MUS 3570 - Composition. Credits: 1, 2, 4
 - MUS 4541 - Sixteenth Century Counterpoint. Credits: 2
 - MUS 4542 - Eighteenth Century Counterpoint. Credits: 2
 - MUS 4600 - Independent Study. Credits: 1 to 3*
 - MUS 4750 - Choral Arranging. Credits: 2
 - MUS 4840 - Band Arranging. Credits: 2
 - MUS 4850 - Jazz Band Arranging. Credits: 2
 - MUS 4980 - Workshop in Music. Credits: 1 to 3

Footnote:

* Independent study, workshops and experimental courses may fulfill music history or music theory requirements only with prior approval of the department chairperson and the history/theory/composition division coordinator.

11 Semester Hours in Music History

- MUS 3584 - History and Literature of Music I. Credits: 3
- MUS 3585 - History and Literature of Music II. Credits: 3
- MUS 3586 - History and Literature of Music III. Credits: 3

OR

- MUS 3594 - History and Literature of Music I, Honors. Credits: 3
- MUS 3595 - History and Literature of Music II, Honors. Credits: 3
- MUS 3596 - History and Literature of Music III, Honors. Credits: 3

And 2 Semester Hours From:

- (The following courses are considered to be electives.)
- MUS 4600 - Independent Study. Credits: 1 to 3
 - MUS 4870 - Style Period Seminar. Credits: 3
 - or
 - MUS 4980 - Workshop in Music. Credits: 1 to 3

2 Semester Hours in Conducting

- MUS 2155 - Conducting I. Credits: 2

2 Semester Hours in Keyboard Skills

- MUS 2203 - Functional Skills in Piano. Credits: 1
- MUS 2204 - Functional Skills in Piano. Credits: 1

- MUS 2205 - Keyboard Skills I. Credits: 1
- MUS 2206 - Keyboard Skills II. Credits: 1
or applied piano

Recital

- MUS 1103 - Recital. Credits: Audit only
(five semesters)
- MUS 2101 - Sophomore Recital: Performance Option. Credits: Audit only
- MUS 3101 - Junior Recital: Performance Option. Credits: Audit only
- MUS 4101 - Senior Recital: Performance Option Credits: Audit only

Applied Study and Ensemble

(Each semester)

Performance Majors are required to successfully complete applied study and a major ensemble in their area each semester in residence. Major instrumental ensembles include Marching Band, Concert Band, Wind Ensemble, and Orchestra; major choral ensembles include Concert Choir and Mixed Chorus. Jazz Ensemble or Jazz Lab Band fulfills the major ensemble requirement for students with a Jazz Studies Concentration after completion of the Junior Standing Jazz Jury.

1. Instrumental Concentration

Applied

(30 semester hours)

All majors must enroll for Intermediate Level Applied Study. In the fourth or fifth semester they must pass a Junior Standing Jury. Applied Study then continues at the Advanced Level.

Ensemble

(8 semester hours); must include 1 semester hour from:

- MUS 0204 - Chamber Music, Winds. Credits: 1
- MUS 0205 - Flute Choir. Credits: 1
- MUS 0206 - Clarinet Choir. Credits: 1
- MUS 0207 - Saxophone Quartet. Credits: 1
- MUS 0215 - Chamber Music, Strings. Credits: 1
- MUS 0240 - Percussion Ensemble. Credits: 1
- MUS 0242 - Latin Percussion Ensemble. Credits: 1

And 4 Semester Hours From:

- MUS 0200 - Symphonic Wind Ensemble. Credits: 1
- MUS 0210 - Orchestra, Strings. Credits: 1
- MUS 0211 - Orchestra, Winds. Credits: 1

Additional Course Work:

- Music Electives. Credits: 3
- Electives. Credits: 2
- MUS 3156 - Instrumental Conducting and Literature. Credits: 1
- MUS 3547 - Orchestration. Credits: 2

2. Keyboard Concentration

Applied

(30 semester hours)

Ensemble

(8 Semester Hours)

And 5-6 Semester Hours From:

- MUS 0200 - Symphonic Wind Ensemble. Credits: 1
- MUS 0211 - Orchestra, Winds. Credits: 1
- MUS 0220 - Jazz Ensemble. Credits: 1
- MUS 0221 - Ensemble, Jazz Lab Band. Credits: 1
- MUS 0222 - Jazz Combo. Credits: 1
- or
- MUS 0230 - Concert Choir. Credits: 1

Additional Course Work:

- Music Electives. Credits: 3
- MUS 0260 - Keyboard Chamber Music. Credits: 1
- MUS 3155 - Choral Conducting and Literature. Credits: 1
- or
- MUS 3156 - Instrumental Conducting and Literature. Credits: 1
- MUS 4920 - Keyboard Literature. Credits: 3
(twice)
- MUS 4950 - Accompanying. Credits: 1

3. Vocal Concentration

Applied

(30 semester hours)

Ensemble

8 semester hours from:
 MUS 0230 - Concert Choir. Credits: 1
 MUS 0231 - University Mixed Chorus. Credits: 1

Additional Course Work

Foreign Language (8 sh 1101 or above)
 MUS 2141 - Vocal Diction I. Credits: 1
 MUS 2142 - Vocal Diction II. Credits: 1
 MUS 3155 - Choral Conducting and Literature. Credits: 1
 MUS 4770 - Vocal Literature. Credits: 2

4. Composition Concentration**Applied**

(8 semester hours)

Ensemble

(8 semester hours)

Additional Course Work

Electives. Credits: 4
 MUS 1570 - Composition. Credits: 1, 2, 4
 (6 semester hours)
 MUS 2070 - Electronic Music Studio Techniques. Credits: 2
 MUS 3155 - Choral Conducting and Literature. Credits: 1
 or
 MUS 3156 - Instrumental Conducting and Literature. Credits: 1
 MUS 3541 - Music Analysis I: Music of the Common Practice Period. Credits: 3
 and
 MUS 3542 - Music Analysis II: Music of the Post-Tonal Period. Credits: 3
 MUS 3547 - Orchestration. Credits: 2
 MUS 3570 - Composition. Credits: 1, 2, 4
 (8 semester hours)
 MUS 4541 - Sixteenth Century Counterpoint. Credits: 2
 MUS 4542 - Eighteenth Century Counterpoint. Credits: 2

5. Jazz Studies Concentration**Applied**

(22 semester hours)

In addition to applied study on their primary instrument, students in Jazz Studies are also required to take two semesters of Beginning Applied on a secondary instrument (saxophonists are required to take one semester of clarinet and one semester of flute).

Ensemble

(8 semester hours)

Additional Course Work**Secondary Applied**

(2 semester hours)

6 Semester Hours From:

(minimum of 2 semester hours required)
 MUS 0222 - Jazz Combo. Credits: 1
 MUS 3622 - Advanced Jazz Combo. Credits: 1

And the Following Courses:

MUS 0224 - Jazz Seminar. Credits: Audit only
 (8 semester hours required)
 MUS 1530 - Jazz Improvisation I. Credits: 1
 MUS 1570 - Composition. Credits: 1, 2, 4
 (minimum of 2 sh required)
 MUS 2530 - Jazz Improvisation II. Credits: 1
 MUS 2581 - Jazz History. Credits: 2
 MUS 3102 - Junior Recital, Performance Option/Jazz Studies Concentration. Credits: Audit only
 MUS 3363 - Jazz. Credits: 1, 2, or 4
 (4 sh required)
 MUS 3531 - Jazz Improvisation III. Credits: 1
 MUS 3800 - Jazz Theory I. Credits: 1
 MUS 3801 - Jazz Theory II. Credits: 1
 MUS 4600 - Independent Study. Credits: 1 to 3
 (minimum of 2 sh required)
 MUS 4850 - Jazz Band Arranging. Credits: 2
 (double counts as Theory Elective)
 MUS 4861 - Jazz Pedagogy. Credits: 2

Note: Students with an interest in teaching piano and/or certification by an organization such as Music Teachers National Association (MTNA) may be prepared through the fulfillment of the following courses:

MUS 1160 - Piano Credits: 1, 2 or 4
 MUS 1541 - Music Theory I. Credits: 3
 MUS 1542 - Music Theory II. Credits: 3
 MUS 1543 - Aural Training in Music. Credits: 1
 MUS 1544 - Aural Training in Music. Credits: 1
 MUS 2205 - Keyboard Skills I. Credits: 1
 MUS 2541 - Music Theory III. Credits: 3
 MUS 3360 - Piano. Credits: 1, 2, or 4
 MUS 3585 - History and Literature of Music II. Credits: 3
 MUS 4920 - Keyboard Literature. Credits: 3
 MUS 4950 - Accompanying. Credits: 1

Footnote:

* Performance Majors are required to successfully complete applied study and a major ensemble in their area each semester in residence. Major instrumental ensembles include Marching Band, Concert Band, Wind Ensemble, and Orchestra; major choral ensembles include Concert Choir and Mixed Chorus. Jazz Ensemble or Jazz Lab Band fulfills the major ensemble requirement for students with a Jazz Studies Concentration after completion of the Junior Standing Jazz Jury.

B. Music in Music: Teacher Certification Option

This major requires that students follow and meet the requirements for Admission, Retention and Graduation from Teacher Certification programs as described in the "Teacher Certification Programs" section of this catalog and as explained at the University Admission to Teacher Education Meeting which all students must attend. Students must gain University Approval to Take Teacher Education Courses no later than the end of their first semester Junior year in order to use this suggested plan. The ISEP program is not an option for Music Education majors. Additional information on Admission, Retention and Graduation for Teacher Certification programs can be found on the College of Education & Professional Studies website at www.eiu.edu/ceps/teached.

All students must pass the Illinois Certification Test of Basic Skills for selection into teacher education and should complete this requirement no later than their sophomore year.

Students must receive a "C" or better in all music core and Professional Education courses and maintain a minimum cumulative and major GPA of 2.65 in order to continue in the program.

Instrumental Concentration students are required to pass a Playing Proficiency Exam on a secondary instrument from a family outside that of their primary instrument no later than midterm of the semester prior to student teaching.

Standard Special Certificate

Courses requiring a "C" or better are identified by a "+."

21 Semester Hours in Music Theory

MUS 1541 - Music Theory I. Credits: 3
 MUS 1542 - Music Theory II. Credits: 3
 MUS 1543 - Aural Training in Music. Credits: 1
 MUS 1544 - Aural Training in Music. Credits: 1
 MUS 2541 - Music Theory III. Credits: 3
 MUS 2542 - Music Theory IV. Credits: 3
 MUS 2543 - Aural Training in Music. Credits: 1
 MUS 2544 - Aural Training in Music. Credits: 1
 MUS 3541 - Music Analysis I: Music of the Common Practice Period. Credits: 3
 or
 MUS 3542 - Music Analysis II: Music of the Post-Tonal Period. Credits: 3

2 Semester Hours From

MUS 1570 - Composition. Credits: 1, 2, 4
 MUS 3547 - Orchestration. Credits: 2
 MUS 3570 - Composition. Credits: 1, 2, 4
 MUS 4541 - Sixteenth Century Counterpoint. Credits: 2
 MUS 4542 - Eighteenth Century Counterpoint. Credits: 2
 MUS 4750 - Choral Arranging. Credits: 2
 MUS 4840 - Band Arranging. Credits: 2
 or
 MUS 4850 - Jazz Band Arranging. Credits: 2

9 Semester Hours in Music History

MUS 3584 - History and Literature of Music I. Credits: 3
 MUS 3585 - History and Literature of Music II. Credits: 3
 MUS 3586 - History and Literature of Music III. Credits: 3

3 s.h. Conducting

MUS 2155 - Conducting I. Credits: 2
 MUS 3155 - Choral Conducting and Literature. Credits: 1
 or
 MUS 3156 - Instrumental Conducting and Literature. Credits: 1

2 Semester Hours in Keyboard Skills

MUS 2203/2205 and 2204/2206 or applied piano.
 MUS 2203 - Functional Skills in Piano. Credits: 1
 MUS 2204 - Functional Skills in Piano. Credits: 1
 MUS 2205 - Keyboard Skills I. Credits: 1
 MUS 2206 - Keyboard Skills II. Credits: 1

Recital

(Five Semesters)
 MUS 1103 - Recital. Credits: Audit only

7 Semester Hours of Applied Study

(taken over 7 semesters)
 All majors must enroll for Intermediate Level Applied Study. In the fourth or fifth semester they must pass a Junior Standing Jury. Applied Study then continues at the Advanced Level.

7 Semester Hours of Ensemble

(taken over 7 semesters)

Technology

MUS 1070 - Introduction to Music Technology. Credits: 2

Music Electives

Two semester hours required.

History & Theory Electives

MUS 2070 - Electronic Music Studio Techniques. Credits: 2
 MUS 2555G - Interacting with Music. Credits: 3
 MUS 2557G - The Evolution of Jazz & Rock. Credits: 3
 MUS 2581 - Jazz History. Credits: 2
 MUS 3547 - Orchestration. Credits: 2
 MUS 3550G - Survey of American Music. Credits: 3
 MUS 3591 - Music Analysis, Honors. Credits: 3
 MUS 3592G - Non-Western Music, Honors. Credits: 3
 MUS 3800 - Jazz Theory I. Credits: 1
 MUS 3801 - Jazz Theory II. Credits: 1
 MUS 3970 - Study Abroad. Credits: 1 to 15
 MUS 4541 - Sixteenth Century Counterpoint. Credits: 2
 MUS 4542 - Eighteenth Century Counterpoint. Credits: 2
 MUS 4600 - Independent Study. Credits: 1 to 3
 MUS 4750 - Choral Arranging. Credits: 2
 MUS 4770 - Vocal Literature. Credits: 2
 MUS 4840 - Band Arranging. Credits: 2
 MUS 4850 - Jazz Band Arranging. Credits: 2
 MUS 4870 - Style Period Proseminar. Credits: 3
 MUS 4920 - Keyboard Literature. Credits: 3
 MUS 5100 - Introduction to Research in Music. Credits: 3
 MUS 5170 - Analytical Techniques. Credits: 3

Music Education Electives

MUS 3440 - Methods and Materials of Vocal and General Music. Credits: 4
 MUS 4600 - Independent Study. Credits: 1 to 3

Performance Electives

MUS 1530 - Jazz Improvisation I. Credits: 1
 MUS 2530 - Jazz Improvisation II. Credits: 1
 MUS 3531 - Jazz Improvisation III. Credits: 1
 MUS 3850 - Jazz Improvisation. Credits: 2
 MUS 3860 - Marching Band and Jazz Band Techniques. Credits: 2
 MUS 4600 - Independent Study. Credits: 1 to 3
 MUS 4950 - Accompanying. Credits: 1
 MUS 4980 - Workshop in Music. Credits: 1 to 3

Conducting Electives

MUS 3155 - Choral Conducting and Literature. Credits: 1
 MUS 3156 - Instrumental Conducting and Literature. Credits: 1

MUS 4600 - Independent Study. Credits: 1 to 3

Honors Electives

MUS 4444 - Honors Independent Study. Credits: 1 to 3
 MUS 4555 - Honors Research. Credits: 1 to 3
 MUS 4666 - Honors Seminar. Credits: 3

Professional Education Core

Required of all music teacher certification majors:
 EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
 EDF 4450 - Philosophy and History of Education. Credits: 3
 EDP 3331 - Theories of Learning and Development for Secondary Teachers. Credits: 3
 MUS 2440 - Introduction to Music Education. Credits: 1
 MUS 2441 - Introduction to Elementary General Music Methods. Credits: 1
 MUS 2442 - Introduction to Instrumental Music Methods. Credits: 2
 (Vocal & General Music Concentrations only)
 MUS 3400 - Methods and Materials of Teaching Instrumental Music. Credits: 4
 (Instrumental Concentration only)
 MUS 3440 - Methods and Materials of Vocal and General Music. Credits: 4
 (Vocal & General Music Concentrations only)
 SED 3330 - Instructional Tasks in the Secondary School. Credits: 3
 SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3
 STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
 STG 4001 - Student Teaching. Credits: 12-16

And One of the Concentrations Listed Below**1. Instrumental Concentration****Ensemble**

7 semester hours over 7 semesters from:
 MUS 0200 - Symphonic Wind Ensemble. Credits: 1
 MUS 0201 - Concert Band. Credits: 1
 MUS 0202 - Panther Marching Band. Credits: 1
 MUS 0210 - Orchestra, Strings. Credits: 1
 MUS 0211 - Orchestra, Winds. Credits: 1

Additional Course Work:

Wind players must retake MUS 1309
 Brass players must retake MUS 1308
 Keyboard, String, & Percussion players must retake either MUS 1308 or 1309.

MUS 0230 - Concert Choir. Credits: 1

or

MUS 0231 - University Mixed Chorus. Credits: 1
 MUS 1308 - Class Instruction in Woodwinds. Credits: 1
 MUS 1309 - Class Instruction in Brass. Credits: 1
 MUS 1310 - Class Instruction in Strings. Credits: 1
 MUS 1311 - Class Instruction in Percussion. Credits: 1
 MUS 3100 - Junior Recital: Teacher Certification Option. Credits: Audit only
 MUS 3860 - Marching Band and Jazz Band Techniques. Credits: 2
 MUS 4100 - Senior Recital: Teacher Certification Option. Credits: Audit only

2. Vocal Concentration**Ensemble**

7 semester hours over 7 semesters from:
 MUS 0230 - Concert Choir. Credits: 1
 MUS 0231 - University Mixed Chorus. Credits: 1

Additional Course Work

MUS 2141 - Vocal Diction I. Credits: 1
 MUS 2142 - Vocal Diction II. Credits: 1
 MUS 2442 - Introduction to Instrumental Music Methods. Credits: 2+
 MUS 3100 - Junior Recital: Teacher Certification Option. Credits: Audit only
 MUS 4100 - Senior Recital: Teacher Certification Option. Credits: Audit only

3. General Music Concentration

(3 semester hours of the required seven MUST be in MUS 1110 Intermediate Applied Voice.)

Ensemble

7 semester hours over 7 semesters at least 4 semester hours from:

- MUS 0230 - Concert Choir. Credits: 1
- MUS 0231 - University Mixed Chorus. Credits: 1

Additional Course Work

MUS 2442 - Introduction to Instrumental Music Methods. Credits: 2⁺

6 Semester Hours From:

- ART 2330G - Art Appreciation. Credits: 3
- ELE 2321 - Child Growth and Development. Credits: 3
- ENG 3405 - Children's Literature. Credits: 3
- PED 2900G - International Expression for Dance. Credits: 3
- PED 2960 - Aesthetics of the Dance. Credits: 3
- THA 3431 - Children's Theatre Tour. Credits: 3
- THA 3432 - Creative Dramatics for the Classroom Teacher. Credits: 3

Footnote:

* Requires a "C" or better

Music Honors Program

Admission to the Music Honors Program requires a 3.5 GPA, permission of the Music Honors Coordinator, and permission of the Dean of the Honors College.

Departmental Honors Requirements

A 3 sh graduate course in music selected with the permission of the Music Honors Coordinator is required. (Honors Independent Study/Honors Research or Honors Seminar may be repeated as a substitute for this requirement with the permission of the Music Honors Coordinator.)

The Honors Thesis in music can take one of three forms:

1. A full recital with accompanying analysis of the works performed.
2. An original composition with accompanying analysis.
3. Intensive research of a music topic culminating in a scholarly paper.

Students in the Music Honors Program must complete at least 12 semester hours of honors courses in music from among the following courses:

- MUS 3591 - Music Analysis, Honors. Credits: 3
- MUS 3592G - Non-Western Music, Honors. Credits: 3
(MUS 4444, 4555, or 4666 may be substituted for MUS 3592G only)
- MUS 3594 - History and Literature of Music I, Honors. Credits: 3
- MUS 4444 - Honors Independent Study. Credits: 1 to 3
- MUS 4555 - Honors Research. Credits: 1 to 3
- MUS 4644 - Honors Thesis. Credits: 1 to 3
(at least one hour required)
- MUS 4666 - Honors Seminar. Credits: 3

Department of Music Electives**History & Theory Electives**

- MUS 2070 - Electronic Music Studio Techniques. Credits: 2
- MUS 2555G - Interacting with Music. Credits: 3
- MUS 2557G - The Evolution of Jazz & Rock. Credits: 3
- MUS 2581 - Jazz History. Credits: 2
- MUS 3547 - Orchestration. Credits: 2
- MUS 3550G - Survey of American Music. Credits: 3
- MUS 3591 - Music Analysis, Honors. Credits: 3
- MUS 3592G - Non-Western Music, Honors. Credits: 3
- MUS 3800 - Jazz Theory I. Credits: 1
- MUS 3801 - Jazz Theory II. Credits: 1
- MUS 3970 - Study Abroad. Credits: 1 to 15
- MUS 4541 - Sixteenth Century Counterpoint. Credits: 2
- MUS 4542 - Eighteenth Century Counterpoint. Credits: 2
- MUS 4600 - Independent Study. Credits: 1 to 3
- MUS 4750 - Choral Arranging. Credits: 2
- MUS 4770 - Vocal Literature. Credits: 2
- MUS 4840 - Band Arranging. Credits: 2
- MUS 4850 - Jazz Band Arranging. Credits: 2
- MUS 4870 - Style Period Proseminar. Credits: 3
- MUS 4920 - Keyboard Literature. Credits: 3
- MUS 5100 - Introduction to Research in Music. Credits: 3
- MUS 5170 - Analytical Techniques. Credits: 3

Performance Electives

- MUS 1530 - Jazz Improvisation I. Credits: 1
- MUS 2530 - Jazz Improvisation II. Credits: 1
- MUS 3531 - Jazz Improvisation III. Credits: 1
- MUS 3850 - Jazz Improvisation. Credits: 2
- MUS 3860 - Marching Band and Jazz Band Techniques. Credits: 2
- MUS 4600 - Independent Study. Credits: 1 to 3
- MUS 4950 - Accompanying. Credits: 1
- MUS 4980 - Workshop in Music. Credits: 1 to 3

Conducting Electives

- MUS 3155 - Choral Conducting and Literature. Credits: 1
- MUS 3156 - Instrumental Conducting and Literature. Credits: 1
- MUS 4600 - Independent Study. Credits: 1 to 3

Honors Electives

- MUS 4444 - Honors Independent Study. Credits: 1 to 3
- MUS 4555 - Honors Research. Credits: 1 to 3
- MUS 4666 - Honors Seminar. Credits: 3

Music Education Electives

- MUS 3440 - Methods and Materials of Vocal and General Music. Credits: 4
- MUS 4600 - Independent Study. Credits: 1 to 3

Music Minor**Total Hours: 21**

- MUS 1541 - Music Theory I. Credits: 3
- MUS 1542 - Music Theory II. Credits: 3
- MUS 3553G - Survey of Musical Masterworks. Credits: 3

Electives:

Electives in music selected in consultation with a music advisor and including at 6 semester hours of courses numbered 3000 and above.

PHILOSOPHY**B.A. in Philosophy****Major**

TOTAL: Option A - 42-44 Semester Hours

TOTAL: Option B - 39 Semester Hours

Philosophy Core -- 15 hours

- PHI 1900G - Logical and Critical Reasoning. Credits: 3
- PHI 2000 - Ancient Philosophy. Credits: 3
- PHI 3260 - Modern Philosophy. Credits: 3
- PHI 4480 - Seminar. Credits: 3

One General Education Course in Philosophy

- PHI 1000G - Introduction to Philosophy. Credits: 3
- PHI 1090G - Introduction to Philosophy, Honors. Credits: 3
(Honors)
- PHI 1200G - Introduction to Religious Studies. Credits: 3
- PHI 1290G - Introduction to Religious Studies, Honors. Credits: 3
(Honors)
- PHI 2500G - Introduction to Ethics. Credits: 3
- PHI 2590G - Introduction to Ethics, Honors. Credits: 3
(Honors)
- PHI 3050G - Social and Political Philosophy. Credits: 3
- PHI 3100G - Cultural Foundations I. Credits: 3
(cross listed with ENG 3100G)
- PHI 3110G - Cultural Foundations II. Credits: 3
(cross listed with ENG 3110G)
- PHI 3700G - Language and Human Nature. Credits: 3

Value Component -- 3 hours

Choose from one from the following:

- PHI 3020 - Ethics. Credits: 3
- PHI 3030 - Science and Human Values. Credits: 3
- PHI 3040 - Philosophy of Art. Credits: 3
- PHI 3050G - Social and Political Philosophy. Credits: 3
- PHI 3070 - Philosophy of Law. Credits: 3

Theory of Knowledge Component -- 3 hours

Choose one from the following:

- PHI 3700G - Language and Human Nature. Credits: 3

PHI 3720 - Theory of Knowledge. Credits: 3
 PHI 3780 - Philosophy of Science. Credits: 3

Metaphysics Component -- 3 hours

Choose one from the following:
 PHI 3500 - Metaphysics. Credits: 3
 PHI 3520 - Necessity, Possibility, and Existence. Credits: 3
 PHI 3540 - Philosophy of Mind. Credits: 3

Eastern Philosophy Component -- 3 hours

Choose one from the following:
 PHI 2010 - Eastern Philosophies. Credits: 3
 PHI 3310 - Indian Philosophy. Credits: 3
 PHI 3320 - Chinese Philosophy. Credits: 3
 PHI 3680 - Buddhism. Credits: 3

Language Component -- 3-8 hours

Option A: One year of Foreign Language at the college level.
 Foreign Language I (3-4 hours)
 Foreign Language II (3-4 hours)

Option B:

PHI 3900 - Symbolic Logic. Credits: 3
 Philosophy Electives -- 9 hours

Footnotes:

Philosophy 3980 and 4400 may count in satisfaction of any of the components with permission of the department chairperson and may be repeated once. (Major GPA based on all philosophy courses taken at EIU.)

Philosophy Honors Program

Departmental Honors Requirements

Twelve semester hours in Philosophy Honors courses. Each course may be repeated for a maximum of six hours. Repeating a course requires permission from the Departmental Honors Coordinator.

Students must take at least three credits in Honors Thesis and complete all other requirements for the major. Six credits in Honors courses will replace six credits of philosophy electives. Students in the Philosophy program must maintain an overall GPA of at least 3.50. Honors Thesis supervision will be undertaken by a faculty member approved by the chair, the Departmental Honors Coordinator, and the student's faculty advisor.

Total Semester Hours: 12

PHI 4444 - Honors Independent Study. Credits: 3
 Credits: 0-6
 PHI 4555 - Honors Research. Credits: 3
 Credits: 0-6
 PHI 4644 - Honors Thesis. Credits: 3
 Credits: 3-6
 PHI 4666 - Honors Seminar. Credits: 3
 Credits: 0-6

Philosophy Minor

Total: 18 Semester Hours
 One general education course in Philosophy (3 semester hours)

The following course:

PHI 1900G - Logical and Critical Reasoning. Credits: 3

One of the following courses:

PHI 2000 - Ancient Philosophy. Credits: 3
 OR
 PHI 3260 - Modern Philosophy. Credits: 3

And Philosophy Electives:

9 semester hours of electives in Philosophy. At least 6 of these semester hours must be from philosophy courses numbered 3000 or above.

THEATRE ARTS

B.A. in Theatre Arts

The Department of Theatre offers programs leading to the Bachelor of Arts degree. It concentrates on undergraduate programs that stress the interdependency of academic and production experiences. This liberal arts program emphasizes the importance of a broad theatre background

and the mastery of theatre fundamentals in preparation for the more advanced training found in graduate schools or in professional theatre internship/apprentice programs, or for a career in theatre education.

All students begin a major in Theatre Arts with a core of requirements. Through audition, interview and/or advisement, the Theatre Arts major then selects a particular emphasis that will aid in attaining career goals. Theatre Arts majors must earn a minimum of at least a "C" (2.0) in each major course. A GPA of not less than 2.5 is required in the major.

Major

Core Requirements:

Performance Courses

Total Semester Hours: 8
 THA 1134 - Stage Movement. Credits: 2
 THA 2000 - Hands-On Theatre: Performance. Credits: 1
 THA 2244 - Basic Acting. Credits: 3
 THA 3334 - Performing Voice. Credits: 2

Technical & Design Courses

Total Semester Hours: 16
 THA 2001 - Hands-On Theatre: Costuming I. Credits: 1
 THA 2002 - Hands-On Theatre: Scenic/Lighting I. Credits: 1
 THA 2003 - Hands-On Theatre: Costuming II. Credits: 1
 THA 2004 - Hands-On Theatre: Scenic/Lighting II. Credits: 1
 THA 2005 - Stage Makeup. Credits: 3
 THA 2210 - Introduction to Costuming. Credits: 3
 A fee is required for shop materials.
 THA 2211 - Stagecraft. Credits: 3
 A fee is required for shop materials.
 THA 2257 - Graphics for the Performing Arts. Credits: 3

One of the Following Courses:

Total Semester Hours: 1
 THA 3000 - Hands-On Theatre: Advanced Performance. Credits: 1
 THA 3001 - Hands-On Theatre: Advanced Costuming. Credits: 1
 THA 3002 - Hands-On Theatre: Advanced Scenic/Lighting. Credits: 1

History, Literature & Directing Courses

Total Semester Hours: 12
 THA 2258 - Script Analysis. Credits: 3
 THA 3445 - Directing. Credits: 3
 THA 3751G - Theatre History I. Credits: 3
 THA 3752G - Theatre History II. Credits: 3

Professional Preparation Courses

Total Semester Hours: 2
 THA 2220 - Theatre Seminar I. Credits: 1
 THA 3220 - Theatre Seminar II. Credits: 1

One of the Following Emphases:

Performance Emphasis:

Total Semester Hours: 15

Technical & Design Electives

Total Semester Hours: 3
 THA 3357 - Scene Design. Credits: 3
 THA 3358 - Design and History of Costume. Credits: 3
 THA 3360 - Stage Lighting. Credits: 3
 THA 3434 - Basic Theatrical Design. Credits: 3

Performance Electives

Total Semester Hours: 9
 THA 1133 - Oral Interpretation. Credits: 3
 THA 2281 - Summer Theatre: Performance I. Credits: 3 to 6
 THA 3333 - Advanced Oral Interpretation. Credits: 3
 THA 3344 - Scene & Character Study. Credits: 3
 THA 3345 - Topics in Acting. Credits: 3
 THA 3346 - Dialects. Credits: 3
 THA 3347 - Topics in Theatre Movement. Credits: 3
 THA 3348 - Auditioning. Credits: 3
 THA 4810 - Summer Theatre: Performance II. Credits: 3 to 6

History, Literature & Directing Electives

Total Semester Hours: 3
 THA 3753G - Development of American Theatre and Drama. Credits: 3

THA 3754G - American Theatre on Film. Credits: 3
 THA 3755G - African-American Theatre. Credits: 3
 THA 3756 - Twentieth Century Theatre. Credits: 3
 THA 4400 - Advanced Directing Studies. Credits: 3

Technical & Design Emphasis:

Total Semester Hours: 15

Technical & Design Electives

Total Semester Hours: 9

THA 3357 - Scene Design. Credits: 3
 THA 3358 - Design and History of Costume. Credits: 3
 THA 3360 - Stage Lighting. Credits: 3
 THA 3361 - Theatre Production Topics. Credits: 3
 THA 4550 - Advanced Design Studies. Credits: 3

Performance Electives

Total Semester Hours: 3

THA 1133 - Oral Interpretation. Credits: 3
 THA 2281 - Summer Theatre: Performance I. Credits: 3 to 6
 THA 3333 - Advanced Oral Interpretation. Credits: 3
 THA 3344 - Scene & Character Study. Credits: 3
 THA 3345 - Topics in Acting. Credits: 3
 THA 3346 - Dialects. Credits: 3
 THA 3347 - Topics in Theatre Movement. Credits: 3
 THA 3348 - Auditioning. Credits: 3
 THA 3431 - Children's Theatre Tour. Credits: 3
 THA 4810 - Summer Theatre: Performance II. Credits: 3 to 6

History, Literature & Directing Electives

Total Semester Hours: 3

THA 3753G - Development of American Theatre and Drama. Credits: 3
 THA 3754G - American Theatre on Film. Credits: 3
 THA 3755G - African-American Theatre. Credits: 3
 THA 3756 - Twentieth Century Theatre. Credits: 3
 THA 4400 - Advanced Directing Studies. Credits: 3

History, Literature & Directing Emphasis:

Total Semester Hours: 15

Technical & Design Electives

Total Semester Hours: 3

THA 3357 - Scene Design. Credits: 3
 THA 3358 - Design and History of Costume. Credits: 3
 THA 3360 - Stage Lighting. Credits: 3
 THA 3434 - Basic Theatrical Design. Credits: 3

Performance Electives

Total Semester Hours: 3

THA 1133 - Oral Interpretation. Credits: 3
 THA 2281 - Summer Theatre: Performance I. Credits: 3 to 6
 THA 3333 - Advanced Oral Interpretation. Credits: 3
 THA 3344 - Scene & Character Study. Credits: 3
 THA 3345 - Topics in Acting. Credits: 3
 THA 3346 - Dialects. Credits: 3
 THA 3347 - Topics in Theatre Movement. Credits: 3
 THA 3348 - Auditioning. Credits: 3
 THA 4810 - Summer Theatre: Performance II. Credits: 3 to 6

History, Literature & Directing Required Course

Total Semester Hours: 3

THA 4400 - Advanced Directing Studies. Credits: 3

History, Literature & Directing Electives

Total Semester Hours: 6

THA 3753G - Development of American Theatre and Drama. Credits: 3
 THA 3754G - American Theatre on Film. Credits: 3
 THA 3755G - African-American Theatre. Credits: 3
 THA 3756 - Twentieth Century Theatre. Credits: 3

B.A. in Theatre Arts: Teacher Certification Option

Standard High School Certificate

The Department of Theatre Arts offers programs leading to the Bachelor of Arts degree. It concentrates on undergraduate programs that stress the interdependency of academic and production experiences. This liberal arts program emphasizes the importance of a broad theatre background and the mastery of theatre fundamentals in preparation for the more

advanced training found in graduate schools or in professional theatre internship/apprentice programs, or for a career in theatre education.

All students begin a major in Theatre Arts with a core of requirements. Through audition, interview and/or advisement, the Theatre Arts major then selects a particular emphasis that will aid in attaining career goals. Theatre Arts majors must earn a minimum of at least a "C" (2.0) in each major course. A GPA of not less than 2.65 is required in the major.

NOTE: *Students majoring in Theatre Arts with Teaching Certification Option must meet the certification requirements for endorsement in a second teaching area other than psychology or communication studies. Length of time necessary for completion of the degree will vary depending upon area chosen.*

The BA in Theatre Arts with Teacher Certification comprises

1. 40 hours in general education;
2. 34-37 hours in the regular professional education core or 28-31 hours in the ISEP program;
3. 48 hours in major courses; and
4. a second teaching area.

For students wanting to be eligible to teach in a middle school, additional Middle Level Education courses are required.

Option in Theatre Arts for Teacher Certification Standard High School Certificate**

This major requires that students follow and meet the requirements for Admission, Retention and Graduation from Teacher Certification programs as described in the Teacher Certification Programs section of this catalog and as explained at the University Admission to Teacher Education Meeting which all students must attend. Students must gain University Approval to Take Teacher Education Courses no later than the end of their first semester Junior year in order to use this suggested plan. Additional information on Admission, Retention and Graduation for Teacher Certification programs can be found on the College of Education and Professional Studies website at www.eiu.edu/ceps/teached.

All students must pass the Illinois Certification Test of Basic Skills for selection into teacher education and should complete this requirement no later than their sophomore year.

Students must receive a "C" or better in all professional education courses and maintain a minimum cumulative and major GPA of 2.65 in order to continue in the program.

Students have two options for completing the professional education coursework – Regular Secondary Education Program and Integrated Secondary Education Program (ISEP). For more information regarding these two options please consult with your advisor. Information is also available in the Teacher Certification Program section of this catalog.

Major Requirements- Total Semester Hours: 48

Performance Courses

THA 1133 - Oral Interpretation. Credits: 3
 THA 1134 - Stage Movement. Credits: 2
 or THA 3334
 THA 2000 - Hands-On Theatre: Performance. Credits: 1
 THA 2244 - Basic Acting. Credits: 3
 THA 3334 - Performing Voice. Credits: 2
 or THA 1134

Technical & Design Electives

THA 2001 - Hands-On Theatre: Costuming I. Credits: 1
 THA 2002 - Hands-On Theatre: Scenic/Lighting I. Credits: 1
 THA 2005 - Stage Makeup. Credits: 3
 THA 2210 - Introduction to Costuming. Credits: 3*
 THA 2211 - Stagecraft. Credits: 3*
 THA 2257 - Graphics for the Performing Arts. Credits: 3
 THA 3434 - Basic Theatrical Design. Credits: 3

History, Literature & Directing Courses

THA 2258 - Script Analysis. Credits: 3
 THA 3445 - Directing. Credits: 3
 THA 3751G - Theatre History I. Credits: 3
 THA 3752G - Theatre History II. Credits: 3

Professional Preparation Courses

THA 2220 - Theatre Seminar I. Credits: 1

Theatre Education Courses

THA 3400 - Methods of Teaching Theatre in the Secondary School. Credits: 3
 THA 3431 - Children's Theatre Tour. Credits: 3
 THA 3432 - Creative Dramatics for the Classroom Teacher. Credits: 3

Footnotes:

NOTE: Students majoring in Theatre Arts with Teaching Certification Option must meet the certification requirements for endorsement in a second teaching area other than psychology or communication studies.

* A fee is required in Theatre Arts 2210 and 2211 for shop materials.

** For the education course work required for this option, see Teacher Certification Programs

Theatre Arts Majors Honors Program

Theatre Arts majors with a cumulative GPA of 3.5 or better will be eligible. Three credits in Honors Thesis will be required and six hours of electives in Honors Courses will replace six hours of electives in the major. An additional nine hours in Honors Independent Study, Honors Research, Honors Seminar, or an approved graduate course will be required, for a total of 12 semester hours. All honors courses will be repeatable with permission of the Department Honors Coordinator for a maximum of six semester hours. Each course may be repeated for a maximum of three semester hours.

Students must take three credits in Honors Thesis and complete all other requirements for the major. Six credits in Honors Courses will replace six credits of Theatre Arts electives. Honors students must maintain a GPA of at least 3.5. Honors thesis supervision will be undertaken by a faculty member approved by the chair, the Department Honors Coordinator, and the Faculty Advisor.

Departmental Honors Requirements

Twelve semester hours in a combination of the following courses:

An approved graduate course. Credits: 1-3
 THA 4444 - Honors Independent Study. Credits: 3
 THA 4555 - Honors Research. Credits: 3
 THA 4644 - Honors Thesis. Credits: 3
 THA 4666 - Honors Seminar. Credits: 3

Theatre Arts Minor

(Performance, Directing, & Design)

Total Semester Hours: 26

Performance Courses -- 6 Semester Hours

THA 1133 - Oral Interpretation. Credits: 3
 THA 1144 - Acting for Non-Majors. Credits: 3
 or
 THA 2244 - Basic Acting. Credits: 3

Technical and Design Courses -- 8 Semester Hours

THA 2001 - Hands-On Theatre: Costuming I. Credits: 1
 THA 2002 - Hands-On Theatre: Scenic/Lighting I. Credits: 1
 THA 2210 - Introduction to Costuming. Credits: 3
 A fee is required for shop materials.
 THA 2211 - Stagecraft. Credits: 3
 A fee is required for shop materials.

History, Literature & Directing Courses -- 9 Semester Hours

THA 2258 - Script Analysis. Credits: 3
 THA 3333 - Advanced Oral Interpretation. Credits: 3
 THA 3751G - Theatre History I. Credits: 3
 or
 THA 3752G - Theatre History II. Credits: 3

Theatre Arts Electives -- 3 Semester Hours**Theatre Arts Minor For Teacher Certification**

Total Semester Hours: 32

Performance Courses -- 6 Semester Hours

THA 1133 - Oral Interpretation. Credits: 3
 THA 1144 - Acting for Non-Majors. Credits: 3
 or
 THA 2244 - Basic Acting. Credits: 3

Technical & Design Courses -- 8 Semester Hours

THA 2001 - Hands-On Theatre: Costuming I. Credits: 1
 THA 2002 - Hands-On Theatre: Scenic/Lighting I. Credits: 1
 THA 2210 - Introduction to Costuming. Credits: 3
 A fee is required for shop materials.
 THA 2211 - Stagecraft. Credits: 3
 A fee is required for shop materials

History, Literature & Directing Courses -- 9 Semester Hours

THA 2258 - Script Analysis. Credits: 3
 THA 3333 - Advanced Oral Interpretation. Credits: 3
 THA 3751G - Theatre History I. Credits: 3

Theatre Education Courses -- 9 Semester Hours

THA 3400 - Methods of Teaching Theatre in the Secondary School. Credits: 3
 THA 3431 - Children's Theatre Tour. Credits: 3
 THA 3432 - Creative Dramatics for the Classroom Teacher. Credits: 3

Endorsement to Teach

Completion of a teacher certification minor does not guarantee that the individual will be granted an endorsement to teach in that field. Individuals must meet all requirements (including state tests) as set forth by the Illinois State Board of Education to be granted an endorsement in a second teaching field.

WOMEN'S STUDIES MINOR**Women's Studies Minor**

Recent scholarship has made it clear that full understanding of human behavior, culture, and society cannot be attained without investigating women's experiences. The Women's Studies minor is an 18-hour interdisciplinary program designed to offer students such an opportunity. It provides new ways of approaching conventional disciplines and opens up questions previously unexamined.

Our aim is two-fold: to stimulate and promote new scholarship in the area of Women's Studies and to encourage traditional departments to broaden fields of study to include women's issues. Attention paid to women's perspectives has altered our understanding of historical change, social, economic, and political life, and the arts and sciences. In addition, Women's Studies highlights the necessity of understanding important social divisions other than gender: those of race, economic status, sexual identity, and nationality. It provides key conceptual tools that women and men can use in educating themselves both in and out of college.

Courses listed below are offered on a regular basis; in addition, occasional special topics courses may be taken for credit toward the minor with permission of the Women's Studies Minor Chair. All Women's Studies Minor students are required to submit a writing portfolio in the final semester of their senior year to the Women's Studies Minor Chair. The portfolio must consist of one paper (worth at least 10% of the course grade) from each of the following classes: WST 2309, WST 4309, and one cross-listed Women's Studies course. Once the minor has been selected, students should contact the Women's Studies Minor Chair as soon as possible, as well as declare their minor in the Office of the Registrar and Enrollment Management, 1220 Old Main.

Total Semester Hours: 18**Required Courses - Total Semester Hours: 6**

WST 2309G - Women, Men, and Culture. Credits: 3
 WST 4309 - Feminist Theory. Credits: 3

Electives - Total Semester Hours: 12

ART 3685 - Women in Art. Credits: 3
 CMN 3903 - The Rhetoric of Women. Credits: 3
 ECN 3873 - Economics of Race and Gender Credits: 3
 EIU 4108G - The Changing World of Women. Credits: 3
 EIU 4162G - Women's Voices: Women in the Theatre. Credits: 3
 ENG 3903 - Women, Literature, and Language. Credits: 3
 FCS 2831 - Women in Contemporary Society. Credits: 3
 HIS 3900 - Women in American History. Credits: 3
 HST 3560 - Women's Health. Credits: 3
 JOU 3903 - Women and the Media. Credits: 3
 PLS 3903 - Gender, Public Policy and the Law. Credits: 3
 PSY 3720 - Psychology of Gender. Credits: 3

SOC 3903 - Gender Roles and Social Change. Credits: 3
 WST 3309 - Independent Study. Credits: 1 to 3
 WST 4000 - Special Topics. Credits: 1 to 3
 WST 4275 - Internship. Credits: 1 to 12

LUMPKIN COLLEGE OF BUSINESS AND APPLIED SCIENCES

Diane B. Hoadley, *Dean*
Martha S. Brown, *Associate Dean*
Mary Hennig, *Assistant to the Dean*
Diane Ingle, *Assistant to the Dean*
Jacqueline Joines, *Development Officer*
Lisa Dallas, *Assistant to the Dean for Academic Computing*

General Mission

The mission of the Lumpkin College of Business and Applied Sciences is to create an academic environment based on intellectual inquiry that facilitates for stakeholders the development of personal, professional, and technical characteristics that have economic and social value.

Bachelor's degrees are earned through a variety of programs. Business majors include Accountancy, Business Administration, Management Information Systems, Finance, Management, and Marketing. The Applied Sciences include programs in Family and Consumer Sciences, Technology, and Military Science. The Family and Consumer Sciences major provides options in Dietetics; Apparel & Textiles, Consumer Studies, Hospitality, and Merchandising; and Family Services. The Industrial Technology major has an option in Manufacturing Technology and several concentrations. Students may also choose a major in Career and Organizational Studies or Career and Technical Education with emphasis in Business Education, Family and Consumer Sciences Education, or Technology Education.

In addition, students from other majors can pursue minors in Business Administration, Management Information Systems, Family and Consumer Sciences and Industrial Technology.

Military Science offers academic minors in two- and four-year programs leading to commissions as officers in the United States Army. Students in the Military Science/Reserve Officers Training Corps (ROTC) can pursue any major recognized by the University.

Graduate programs include the Master of Business Administration, the Master of Science in Family and Consumer Sciences, and the Master of Science in Technology, as well as the Master of Arts in Gerontology, a multi-disciplinary program administered in the College. (See the Graduate Catalog for further information on graduate programs.)

Faculty in the Lumpkin College of Business and Applied Sciences

School of Business (217.581.2627)
James Jordan-Wagner, *Chairperson*
Cheryl Noll, *Associate Chairperson*
Toni Smith, *Director of Administration*
Kathy Schmitz, *Director, Student Center for Academic and Professional Development*
Christie Roszkowski, *Undergraduate Coordinator*
Lisa Canivez, *Academic Advisor*
Renee Stroud, *Admissions Officer and Internship Coordinator*
 Arseneau, D.; Benner, S.; Boggs, D.; Boorum, M.; Chiou, I.; Costello, A.; Costello, T.; Davis, H.; Elmuti, D.; Flight, R.; Garrett, N.; Grünhagen, M.; Hampton, V.; Illia, A.; Jordan-Wagner, J.; Joyce, W.; Kathawala, Y.; King, R.; Kling, S.; Kopel, R.; Larabee, S.; Lin, C.; Marlow, N.; McGrady, D.; Mills, T.; Minnis, W.; Moncada, T.; Monippallil, M.; Nantz, K.; Newstrom, N.; Noll, C.; Palmer, R.; Preston, S.; Riedemann, D.; Roszkowski, C.; Snell, J.; Whitaker, R.; White, L.; Willems, J.; Wilson, M.; Wollan, M.; Wootton, C.; Zuhone, D.

School of Family and Consumer Sciences (217.581.6076)

James E. Painter, *Chairperson*
Mikki Meadows, *Assistant Chairperson*
Rose Myers-Bradley, *Academic Advisor*
 Bowers, J.; Brooks, L.; Brown, M.; Burns, M.; Campanis, L.; Dilworth, J.; Drake, T.; Hart, K.; Hubbard, M. L.; Kennedy-Hagan, K.; Laumann, G.; McCallister, P.; Meadows, M.; Murphy, F.; O'Rourke, K.; Painter, J.; Puricelli, B.; Rippy, S.; Rhodes, K.; Shaw, K.; Simpson, L.; Slavik, J.; Snyder, J.; Taylor, L.; Wilkinson, R.; Woolever, C.; Yousaf, C.

School of Technology (217.581.3226)

Mahyar Izadi, *Chairperson*
Deborah Woodley, *Assistant Chairperson*
Donna Dawson, *Academic Advisor*
 Age, P.; Butler, L.; Chadd, J.; Chinchilla R.; Curia, R.; Drage, K.; Guccione, S.; Hawkins, T.; Helsel, L.; Hogan, R. L.; Laube, P.; Liu, P.; McDonald, T.; McKirahan, J.; Melton, D.; Sutliff, R.; Toosi, M.; Wahby, W.; Waskom, T.; Woodley, D.

Military Science (ROTC) (217.581.5944)

Larry Coblentz, Jr., *Chairperson*
Christopher Burkhardt, *Assistant Professor of Military Science*
Mark Woodsmall, *Recruiting Operations Officer*
Bret Rogowitz, *Senior Military Instructor*
Shannon Nemechek, *Logistical Support Specialist*
Missy Carey, *Human Resource Administrator*

Programs and Policies

School of Business

The School of Business academic programs are accredited by AACSB International – The Association to Advance Collegiate Schools of Business.

Vision Statement

To be the business school of choice by educating students who become effective and respected leaders in the global environment.

Mission Statement

We educate students to contribute positively to businesses, government, and nonprofit organizations in a diverse and dynamic world by:

- Embracing a culture focused on students, relationship driven learning, critical thinking, and personal discovery.
- Promoting collaborative learning through interaction among students, faculty, business and community partners.
- Enhancing student learning through applied and pedagogical business research and service activities.

Business Majors and Minors

The School of Business offers the Bachelor of Science in Business (B.S. in Business) degree with majors in the following areas:

- Accounting
- Business Administration (available only at Parkland College)
- Finance
- Management
- Management Information Systems
- Marketing

Freshmen and lower-division students wishing to pursue a B.S. in Business are classified as pre-business and cannot begin upper-division business courses until admitted to upper division standing in the School of Business. Admission to the University does not guarantee admission to upper-division standing in the School of Business.

The School of Business offers two minors:

- Minor in Business Administration
- Minor in Management Information Systems

Application Criteria

To apply for admission to upper-division standing in the School of Business, a student must:

1. Be admitted to EIU;
2. Submit an application to the School of Business prior to the first day of classes for the semester of desired admission;
3. Have earned a cumulative GPA of at least 2.50 (2.75 for students applying to the accounting program) and have all transcripts on file at the time of application;
4. Have completed at least 60 semester hours by the end of the semester in which the student makes application;
5. Have completed (with a grade of C or better in each), or be enrolled in, the following four tool courses or acceptable equivalents at a transfer institution:
 - MAT 2120G Finite Mathematics
 - BUS 1950 Computer Concepts and Applications for Business
 - BUS 2102 Managerial Accounting
 - BUS 2810 Business Statistics I
6. Be in good academic standing; and
7. Be classified as pre-business.

Students intending to major in accounting are subject to additional admission requirements as detailed in the Accounting Program section of the catalog.

Transfer Students

New transfer students who meet items 3-6 of the application criteria (above) should indicate on the application for admission to the University that they intend to major in a School of Business program. No special application to the School of Business is required. Grades received from all other schools will be used in calculating the GPA for entrance into the School of Business. Transfer students must submit official transcripts to the University Admissions Office immediately following the end of each grading period.

Acceptance to School of Business

Students who meet the application criteria will be accepted to upper-division standing conditional upon their successful completion of all the following admission requirements:

1. Completion of 60 semester hours;
2. Completion, with a grade of C or better in each, of all of the following tool courses:
 - MAT 2120G Finite Mathematics
 - BUS 1950 Computer Concepts and Applications For Business
 - BUS 2102 Managerial Accounting
 - BUS 2810 Business Statistics

Conditionally admitted students who do not complete these admission requirements continue in pre-business status and must submit a new application for reconsideration at a later time. The School of Business Committee on Admission reviews admissions appeals. All decisions of the Committee are final.

Further Information and Applications

Please contact the following offices for additional information and application forms:

Currently Enrolled Students

Student Center for Academic and Professional Development
School of Business
Lumpkin Hall, Room 2051
Eastern Illinois University
Charleston, IL 61920
217/581-2623

New Transfers

Office of Admissions
Old Main, Room 1229
Eastern Illinois University
Charleston, IL 61920
217-581-2223
800-252-5711

Programs in the Lumpkin College of Business and Applied Sciences

School of Business Academic Programs

All business majors complete a curriculum composed of three components: general education course work, the business core curriculum, and the major curriculum. The requirements of each of these curricula are described below. (These curriculum requirements are modified for students enrolled in the B.S.B. in Business Administration at Parkland College. See the program description in this catalog.)

General Education Curriculum

EIU requires all undergraduate students to complete the general education curriculum, which is described in Section IV of this catalog. Students who have not completed the foreign language requirement in high school further are required to complete two foreign language courses. To develop background knowledge for the study of business, business majors also must complete the following general education courses:

- MAT 2110G Brief Calculus with Applications
- MAT 2120G Finite Mathematics
- ECN 2801G Principles of Macroeconomics
- ECN 2802G Principles of Microeconomics

Business students are encouraged to complete the general education curriculum as early as possible.

Business Core Curriculum

The Business Core curriculum is designed to help students develop the foundation knowledge and skills common to all areas of business. Completion of the following courses is required to fulfill the Business Core Curriculum:

- BUS 1000 Introductory Business Seminar
- BUS 1950 Computer Concepts and Applications for Business *
- BUS 2101 Financial Accounting
- BUS 2102 Managerial Accounting *
- BUS 2750 Legal and Social Environment of Business
- BUS 2810 Business Statistics I *
- BUS 3010 Management and Organizational Behavior
- BUS 3200 International Business
- BUS 3470 Principles of Marketing
- BUS 3500 Management Information Systems **
- BUS 3710 Business Financial Management
- BUS 3950 Operations Management
- BUS 4360 Strategy and Policy

* Courses marked with an asterisk must be completed prior to admission to the School of Business.

**Not required of Accounting majors.

Major Curricula

Each of the business majors includes additional upper division course work that provides the opportunity for more in-depth study of a specific business discipline and for further development of students' business skills. Students generally begin their major course work during the junior year. See the individual business major for a description of the courses required for that major.

School of Business General Policies

1. Students pursuing a degree other than the B.S. in Business cannot count more than 30 semester hours of business subjects toward fulfillment of their bachelor's degree requirements.
2. To qualify for the B.S. in Business degree from EIU, students must take at least 50% of their business credit hours at EIU.
3. Students may receive a grade in an upper division business course a maximum of two times. After a grade has been received in an upper division class at EIU, the School of Business will not accept subsequent transfer of an equivalent course from another school unless the School of Business has given prior written approval to enroll in the specific course at the specific university, which must be AACSB-International accredited.
4. Upper-division business students who are academically dismissed from EIU are reclassified as pre-business. Once readmitted to the university, the student must reapply to the School of Business and meet all application and admission criteria before being allowed to take upper-division business courses.
5. Students desiring double majors in the School of Business must complete the major course requirements for both majors with a combined minimum of 42 semester hours exclusive of courses in the business core.

ACCOUNTANCY

B.S.B. in Accounting

Major

A dynamic, rewarding, and highly respected profession, accountancy operates at the heart of business decision-making and financial information services. In addition to providing services in the traditional areas of preparation and analysis of financial statements, auditing, and tax planning and compliance, accountants serve as valuable members of management teams, as highly respected consultants to top management, and as trusted advisers to professionals, business owners, and government leaders. For a person who wants to have a successful career in business, a degree in accounting is an excellent choice.

Accounting Program's Mission Statement

The mission of the accountancy program at Eastern Illinois University is to prepare students for successful careers in accountancy and related business fields by providing them with an affordable, high-quality education.

Admission Requirements

Students who seek to major in accounting must satisfy the requirements for admission to the School of Business. Students with the GPA of 2.75 or higher at the time of admission to the School of Business will be admitted to the accounting program.

Admission by Exception: A student with a GPA lower than 2.75 at the time of admission to the School of Business may apply for admission to the accounting major by exception. A committee of faculty will review the student's academic records and other relevant information submitted by the student. The committee may also interview the student. The committee may approve the student's application subject to certain performance standards, as prescribed by the committee. The committee will communicate its decision to the Chair of the School of Business, and will monitor the student's progress in meeting the performance standards. If the student fails to meet the performance standards, the student will be dismissed from the accounting program.

Continuation Requirement: A student majoring in accounting must maintain a cumulative EIU GPA of 2.50 or higher in order to enroll in senior-level (4000-level) accounting courses.

Important Notice: Candidates who wish to sit for the Certified Public Accountant (CPA) Examination in Illinois are required to have earned 150 hours of college credit, including an undergraduate degree. Of the 150 hours, at least 24 hours must be in accounting. Courses that are in progress cannot be counted to meet the 150-hour requirement.

Course Requirements

The BSB in Accounting comprises:

1. 43 semester hours in general education
2. 35 semester hours in the business core
3. 27 semester hours in major courses; and
4. 15 semester hours in electives.

Major Courses

- ACC 3200 - Financial Accounting Theory I. Credits: 3*
- ACC 3250 - Financial Accounting Theory II. Credits: 3*
- ACC 3300 - Management and Cost Accounting. Credits: 3*
- ACC 3900 - Accounting Information Systems. Credits: 3*
- ACC 4400 - Federal Income Taxation I. Credits: 3*
- ACC 4500 - Advanced Accounting Theory. Credits: 3*
- ACC 4700 - Auditing and Assurance Services. Credits: 3*
- ACC 3750 (4750) - Governmental and Not-for-Profit Accounting. Credits: 3*
- ACC 4800 - Federal Income Taxation II. Credits: 3*

Footnotes:

*A grade of "C" or better is required in all required ACC courses. Calculation of the major GPA is based on courses taken at EIU with the prefix BUS and ACC.

BUSINESS ADMINISTRATION**B.S.B. in Business Administration****Major**

Business Administration develops the fundamental body of knowledge and analytical tools common to all management positions through study in management, marketing, accounting, information systems, behavioral sciences, economics, and quantitative approaches to decision-making. Enrollment in this degree program is available only at Parkland College and requires admission to the School of Business.

Course Requirements

The BSB in Business Administration comprises:

1. Parkland College A.A. or A.S. Degree (60-64 semester hours) including:

- ACC 101 - Accounting Principles I
- ACC 102 - Accounting Principles II
- BUS 204 - The Legal Environment of Business
- CIS 200 - Business Computer Systems
or CSC 105 - Introduction to Computers and Their Application to Business and Commerce
- ECN 101 - Principles of Economics I
- ECN 102 - Principles of Economics II
- MAT 124 - College Algebra
- MAT 141 - Finite Mathematics

- or MAT 145 - Linear Algebra
- MAT 143 - Calculus for Business and Social Sciences
- MAT 160 - Statistics

2. EIU coursework (56-60 semester hours) including:

- Upper division business core courses (21 semester hours)
- BUS 3010 - Management and Organizational Behavior. Credits: 3
- BUS 3200 - International Business Credits: 3
- BUS 3470 - Principles of Marketing. Credits: 3
- BUS 3500 - Management Information Systems. Credits: 3
- BUS 3710 - Business Financial Management. Credits: 3
- BUS 3950 - Operations Management. Credits: 3
- BUS 4360 - Strategy and Policy. Credits: 3

Major Courses (27 Semester Hours)

Upper division courses selected from the business disciplines: Accounting (ACC), Finance (FIN), Management (MGT), Management Information Systems (MIS), and Marketing (MAR). Students must complete at least one course (3 semester hours) from each of the foregoing business disciplines and no more than three courses from any one of the business disciplines.

Students without relevant work experience may take BUS 4275 (3 sem. hrs. approved internship) with prior written permission of the Associate Chair of the School of Business.

Senior Seminar (3 semester hours)**Electives (5-9 semester hours)****Footnote:**

Calculation of the major GPA based on all business courses taken through Eastern Illinois University.

Business Administration Minor

The Business Administration Minor enables students enrolled in non-business majors to take a cross-section of business courses to complement their majors. All non-business majors (including those completing the Business Administration Minor) are limited to no more than 25 percent (30 semester hours) of undergraduate course work in business courses.

Course Requirements:

- BUS 2101 - Financial Accounting. Credits: 3
- BUS 2710 - Survey of Finance. Credits: 3*
- BUS 3010 - Management and Organizational Behavior. Credits: 3
- BUS 3470 - Principles of Marketing. Credits: 3

Plus 9 Semester Hours Selected From:

- BUS 1950 - Computer Concepts and Applications for Business. Credits: 3
- BUS 2102 - Managerial Accounting. Credits: 3
- BUS 2750 - Legal and Social Environment of Business. Credits: 3
- BUS 2810 - Business Statistics I. Credits: 3
- BUS 3500 - Management Information Systems. Credits: 3
- BUS 3950 - Operations Management. Credits: 3
- FIN 3720 - Investments. Credits: 3
- FIN 3750 - Management of Financial Institutions. Credits: 3
- FIN 3770 - Working Capital Management. Credits: 3
- MAR 3720 - Consumer Behavior. Credits: 3
- MAR 3875 - Retail Management. Credits: 3
- MGT 3450 - Human Resource Management. Credits: 3
- MGT 4320 - Small Business and Entrepreneurship. Credits: 3
- MIS 2000 - Introduction to Information Systems & Logic. Credits: 3
- MIS 3505 - Advanced Microcomputer Applications and Development. Credits: 3
- MIS 3515 - Information Presentation. Credits: 3

Footnote:

* Students who have the prerequisites (BUS 2102, ECN 2802G, and junior standing) may substitute BUS 3710 for this course.

Business Honors Program**Business Honors Program Admission Requirements**

Students who meet the following criteria will be admitted to the Business Honors Program:

- Admission to the School of Business as an upper division business major;
- Completion of at least 12 semester hours of coursework at EIU with a cumulative GPA of 3.5 or higher;

- Business major GPA of 3.5 or higher; and
- Permission of the Dean of the Honors College and the Business Honors Coordinator.

Provisional Admission. Transfer students who have not completed 12 semester hours of credit at EIU but who meet the following criteria will be granted provisional admission to the Business Honors program:

- Admission to the School of Business as an upper division business major;
- Cumulative GPA of 3.5 or higher for coursework undertaken at the transfer institution; and
- Permission of the Dean of the Honors College and the Business Honors Coordinator.

After completing 12 semester hours of credit at EIU, students provisionally admitted will be granted admission to Business Honors if they meet the Business Honors continuation requirements, below.

Business Honors Program Continuation Requirements

Students in the Business Honors Program must maintain a cumulative GPA of 3.5 or higher for all course work undertaken at EIU and a business major GPA of 3.5 or higher. Students who fail to maintain both a cumulative and major GPA of 3.5 will be dismissed from the program. Students dismissed from the program will be readmitted one time if they:

- Raise their cumulative and major GPA to at least 3.5 and
- File a petition seeking readmission with the Business Honors Coordinator.

Students who have been dismissed from the program more than one time are not eligible for readmission.

Business Honors Requirements

Students in the Business Honors Program must complete 12 semester hours of coursework by fulfilling the following requirements:

- Completion of BUS 4555 Honors Research (or, if approved by the Business Honors Coordinator, completion of BUS 4444 Honors Independent Study);
- Completion of BUS 4644 Business Honors Thesis; and
- Completion of two of the following:
 - + Business internship approved by the Business Honors Coordinator;
 - + Study Abroad approved by the Business Honors Coordinator;
 - + Honors course approved by the Business Honors Coordinator;
 - + Graduate level business course approved by the Business Honors Coordinator.

FINANCE

B.S.B. in Finance

Major

The finance major provides students with a basic knowledge of corporate financial management, financial institutions, investments, real estate, and insurance. Completion of the appropriate finance electives qualifies the student to sit for the Certificate in Financial Planning CFP® Examination, the examination requirement for Certified Financial Planner™ professionals. Enrollment in this major requires admission to the School of Business.

The BSB in Finance comprises:

43 semester hours in general education
38 semester hours in the business core*
27 semester hours in major courses; and
12 semester hours in electives

Major Courses

FIN 3720 - Investments. Credits: 3
FIN 3730 - Financial Markets: Commodities, Derivatives, and Securities. Credits: 3
FIN 3770 - Working Capital Management. Credits: 3
FIN 3780 - Long-Term Financial Management. Credits: 3

Plus 5 courses selected from the following major electives (at least four must have the FIN prefix):

ACC 3200 - Financial Accounting Theory I. Credits: 3
ACC 3300 - Management and Cost Accounting. Credits: 3
FIN 3300 - Fundamentals of Financial and Tax Planning. Credits: 3[#]
FIN 3740 - Real Estate Fundamentals. Credits: 3
FIN 3750 - Management of Financial Institutions. Credits: 3
FIN 3760 - Real Estate Investment Credits: 3
FIN 3900 - Risk and Insurance. Credits: 3[#]
FIN 4110 - Special Topics in Finance. Credits: 3
FIN 4200 - Portfolio Management. Credits: 3[#]
FIN 4220 - Applied Securities Analysis. Credits: 3
FIN 4300 - Retirement and Estate Planning. Credits: 3[#]
FIN 4400 - Financial Analysis and Planning Credits: 3
FIN 4820 - International Finance. Credits: 3
FIN 4830 - Current Issues in Finance. Credits: 3

Footnotes:

* Finance majors must complete FIN 3710 with a grade of "C" or better

[#] Students seeking to qualify to sit for the Certificate in Financial Planning (CFP®) examination must complete these courses.

Calculation of the major GPA is based on courses taken at EIU with the prefix BUS and FIN, plus ACC 3200 and ACC 3300 (if taken).

MANAGEMENT

B.S.B. in Management

Major

Management majors take a core of basic management courses and then select major elective courses in the areas of human resource management, international business, general management, or related areas of business to meet their career objectives. Because the study of management lends itself to many disciplines, job opportunities are found in profit and not-for-profit, small and large organizations. Enrollment in this major requires admission to the School of Business.

The BSB in Management comprises:

43 semester hours in general education
38 semester hours in the business core
27-28 semester hours in major courses; and
11-12 semester hours in electives

Major Courses

MGT 3450 - Human Resource Management. Credits: 3
MGT 3830 - Managerial Communications. Credits: 3
MGT 4310 - Organizational Behavior. Credits: 3
MGT 4650 - Management Seminar. Credits: 3
MGT 4850 - Project Management. Credits: 3

Plus one of the following concentrations:

General Management Concentration

Management majors who select the General Management Concentration must complete the following courses:

One elective from Group A of Management Electives. Credits: 3
One elective from Group B of Management Electives. Credits: 3
One elective from Group A, B, C, or D of Management Electives. Credits: 3
MGT 4600 - International Business Policy and Operation. Credits: 3

Human Resource Management Concentration

Management majors who select the Human Resource Management Concentration must complete the following courses:

One elective from Group A, B, C, or D of Management Electives. Credits: 3
MGT 3900 - Employment Law. Credits: 3
MGT 4370 - Compensation Management. Credits: 3
MGT 4500 - Employee Staffing and Development. Credits: 3

International Concentration

Management majors who select the International Concentration must complete the following courses:

FIN 4820 - International Finance. Credits: 3
OR
MAR 4490 - International Marketing. Credits: 3
MGT 4600 - International Business Policy and Operation. Credits: 3

Completion of the following:

Completion of a study abroad program approved in advance by the Chair of the School of Business and the EIU Study Abroad Office.* Credits: 3

OR

Completion of an international internship, which includes an expatriate experience, approved in advance by the Chair of the School of Business. Credits: 3

The following:

Completion of one of the following courses:

- FLF 2202G - Intermediate French II. Credits: 4
- FLG 2202G - Intermediate German II. Credits: 4
- FLS 2202G - Intermediate Spanish II. Credits: 4

OR

Determination of proficiency in a foreign language at the intermediate level by the Department of Foreign Languages.

Students who demonstrate proficiency in a foreign language at the intermediate level (as determined by the Department of Foreign Languages) should substitute an upper division foreign language course (FL_ 3000 or higher) or a management elective selected from Group A, B, or C of the Management Electives for FLF 2202G, FLG 2202G, or FLS 2202G. Credits: 3

Footnote:

*Generally the study abroad program must be at least a semester in duration; a summer program comparable to a semester's work may be acceptable. (An EIU faculty-led study abroad class will not qualify as a study abroad program.)

Management Electives**Group A - Electives**

- MGT 3800 - Introduction to Operations Research. Credits: 3
- MGT 4340 - Strategic Quality Management. Credits: 3
- MGT 4800 - Management of Innovation and Technology. Credits: 3

Group B - Electives

- MGT 3900 - Employment Law. Credits: 3
- MGT 4320 - Small Business and Entrepreneurship. Credits: 3
- MGT 4330 - Entrepreneurial Law. Credits: 3
- MGT 4370 - Compensation Management. Credits: 3
- MGT 4500 - Employee Staffing and Development. Credits: 3
- MGT 4600 - International Business Policy and Operation. Credits: 3

Group C - Electives

- ACC 3300 - Management and Cost Accounting. Credits: 3
- FIN 3770 - Working Capital Management. Credits: 3
- MAR 3720 - Consumer Behavior. Credits: 3
- MAR 4470 - Professional Sales. Credits: 3
- MIS 3515 - Information Presentation. Credits: 3

Group D - Electives

- MGT 3970 - Study Abroad. Credits: 1 to 15
- MGT 4275 - Internship in Management. Credits: 1 to 12
- MGT 4550 - Current Issues in Human Resources Management. Credits: 3
- MGT 4700 - Special Topics in Management. Credits: 3
- MGT 4740 - Independent Study Credits: 1 to 3
- MGT 4950 - Management Consulting Research. Credits: 3

Footnotes:

Calculation of the major GPA is based on courses taken at EIU with the prefix BUS and MGT and approved MGT Electives with the prefix ACC, FIN, MAR, and MIS.

**MANAGEMENT INFORMATION SYSTEMS
(Formerly Computer Information Systems)**
B.S.B. in Management Information Systems**Major**

The Management Information Systems (MIS) major prepares students to design, develop, and manage information systems within organizations. MIS majors develop a foundation of business knowledge and skills that is complemented by more in-depth study of information technology. All MIS majors complete a core of courses that provide a foundation in programming constructs, information systems theory, systems analysis,

database, and telecommunications and also select electives for more specialized study.

The BSB in Management Information Systems comprises:

- 43 semester hours in general education;
- 38 semester hours in the business core;
- 25 semester hours in major courses and
- 14 semester hours in electives.

Major Courses**MIS majors complete the following MIS core:**

- MIS 2000 - Introduction to Information Systems & Logic. Credits: 3
- MIS 3200 - Networking Fundamentals. Credits: 3
- MIS 4200 - Systems and Database Analysis, Design, and Development. Credits: 4

Plus one of the following concentrations:**General MIS Concentration.**

Students who select the General MIS Concentration must complete 5 courses from the MIS Major Electives (below). At least 3 of the courses must be selected from Group A and at least 4 of the courses must have the MIS prefix.

Business Programming Concentration.

Students who select the Business Programming Concentration must complete the following courses plus one elective from either Group A or Group B of MIS Major Electives:

- MIS 3300 - Business Programming in COBOL. Credits: 3
- MIS 3330 - Java Programming. Credits: 3
- MIS 4300 - File Organization with COBOL. Credits: 3
- MIS 4330 - Advanced Java Programming. Credits: 3

Network Technologies Concentration.

Students who select the Network Technologies Concentration must complete the following courses plus one elective from either Group A or Group B of MIS Major Electives:

- MIS 3530 - Business Web Site Design. Credits: 3
- MIS 4530 - Web Application Development Credits: 3
- MIS 4700 - Advanced Networking. Credits: 3
- MIS 4850 - Systems Security. Credits: 3

Group A MIS Major Electives:

- MIS 3300 - Business Programming in COBOL. Credits: 3
- MIS 3330 - Java Programming. Credits: 3
- MIS 3530 - Business Web Site Design. Credits: 3
- MIS 4300 - File Organization with COBOL. Credits: 3
- MIS 4330 - Advanced Java Programming. Credits: 3
- MIS 4530 - Web Application Development Credits: 3
- MIS 4700 - Advanced Networking. Credits: 3
- MIS 4850 - Systems Security. Credits: 3

Group B MIS Major Electives:

- INT 3153 - Advanced Routing and Switching. Credits: 3
- MAT 3670 - Principles of Computer Systems. Credits: 3
- MAT 3870 - Data Structures. Credits: 3
- MGT 3830 - Managerial Communications. Credits: 3
- MGT 4800 - Management of Innovation and Technology. Credits: 3
- MGT 4850 - Project Management. Credits: 3
- MIS 3355 - MVS Control Languages and Utilities. Credits: 3
- MIS 3505 - Advanced Microcomputer Applications and Development. Credits: 3
- MIS 3515 - Information Presentation. Credits: 3
- MIS 3725 - Telecommunications Programming with Visual Basic. Credits: 3
- MIS 3970 - Study Abroad. Credits: 1 to 15
- MIS 4275 - Internship in Management Information Systems. Credits: 1 to 12
- MIS 4600 - Special Topics in Management Information Systems. Credits: 1 to 3
- MIS 4740 - Independent Study. Credits: 1 to 3

Footnotes:

Calculation of the major GPA is based on courses taken at EIU with the prefix BUS and MIS.

Management Information Systems Minor

Computer technology is integral to almost all organizations. The Management Information Systems (MIS) minor enables students to develop knowledge and skills in information systems that will complement studies in their major. Students who minor in MIS complete a 16 hour core of five courses plus 6 hours of electives.

Course Requirements (22 semester hours)

BUS 1950 - Computer Concepts and Applications for Business. Credits: 3
 MIS 2000 - Problem Solving with Visual Basic Credits: 3
 MIS 3200 - Networking Fundamentals. Credits: 3
 MIS 4200 - Systems and Database Analysis, Design, and Development. Credits: 4

AND

ACC 3900 - Accounting Information Systems. Credits: 3
 or
 BUS 3500 - Management Information Systems. Credits: 3

Plus

Six semester hours (nine semester hours for business majors) of course work selected from the following:

MIS 3300 - Business Programming in COBOL. Credits: 3
 MIS 3330 - Java Programming. Credits: 3
 MIS 3355 - MVS Control Languages and Utilities. Credits: 3
 MIS 3505 - Advanced Microcomputer Applications and Development. Credits: 3
 MIS 3515 - Information Presentation. Credits: 3
 MIS 3530 - Business Web Site Design. Credits: 3
 MIS 3725 - Telecommunications Programming with Visual Basic. Credits: 3
 MIS 3970 - Study Abroad. Credits: 1 to 15
 MIS 4275 - Internship in Computer Information Systems. Credits: 1 to 12
 MIS 4315 - Decision Support Systems for the Management Sciences. Credits: 3
 MIS 4330 - Advanced Java Programming. Credits: 3
 MIS 4530 - Web Application Development Credits: 3
 MIS 4600 - Special Topics in Computer Information Systems. Credits: 1 to 3
 MIS 4700 - Advanced Networking. Credits: 3
 MIS 4740 - Independent Study. Credits: 1 to 3
 MIS 4850 - Systems Security. Credits: 3

MARKETING

B.S.B. in Marketing

Major

Eastern's marketing program provides students with knowledge of marketing principles, concepts, and fundamentals. Graduates prepare for entry positions in careers such as marketing management, professional sales, and marketing research. Marketers are involved in both private and public sector organizations. Enrollment in this major requires admission to the School of Business.

The BSB in Marketing comprises:

43 semester hours in general education
 38 semester hours in the business core
 27 semester hours in major courses; and
 12 semester hours in electives

Major Courses

MAR 3490 - Business-to-Business Marketing. Credits: 3
 MAR 3550 - Marketing Professionalism and Management. Credits: 3
 MAR 3720 - Consumer Behavior. Credits: 3
 MAR 3860 - Marketing Research. Credits: 3
 MAR 4470 - Professional Sales. Credits: 3
 MAR 4700 - Marketing Strategies. Credits: 3

Plus 3 courses selected from the following major electives (at least two must have the MAR prefix):

CMN 3920 - Public Relations in Society Credits: 3
 JOU 3820 - Publicity Methods. Credits: 3
 JOU 3920 - Public Relations in Society. Credits: 3
 MAR 3780 - Promotion Management. Credits: 3
 MAR 3875 - Retail Management. Credits: 3

MAR 4100 - Special Topics in Marketing. Credits: 3
 MAR 4275 - Internship in Marketing Credits: 1 to 12
 MAR 4400 - Services Marketing. Credits: 3
 MAR 4480 - Sales Management. Credits: 3
 MAR 4490 - International Marketing. Credits: 3
 MAR 4740 - Independent Study Credits: 1 to 3
 MGT 4320 - Small Business and Entrepreneurship. Credits: 3
 MIS 3515 - Information Presentation. Credits: 3

Footnotes:

Calculation of the major GPA is based on courses taken at EIU with the prefix BUS and MAR, plus JOU, MGT, MIS, or CMN course taken at EIU as a Marketing major elective.

School of Family and Consumer Sciences

All Family and Consumer Sciences majors complete a curriculum composed of courses in general education, family and consumer sciences core, and a selected program option (Dietetics; Apparel & Textiles, Consumer Studies, Hospitality, and Merchandising Option; or Family Services). The program is designed to prepare students for a variety of public and private organizations related to dietetics, consumer affairs, family services, hospitality management, and merchandising.

I. Criteria for Admission to the School of Family and Consumer Science Major:

1. Completion of 15 semester hours of work taken at EIU or at another institution of higher education.
2. Minimum of 2.0 cumulative grade point average.

II. School of Family and Consumer Sciences Degree Requirement

To meet the requirements for a degree in the School of Family and Consumer Sciences, students must earn a minimum grade of "C" in each of the following courses:

FCS 1000 – Foundations of Family and Consumer Sciences. Credits: 2
 FCS 2000 – Family Perspectives. Credits: 3
 FCS 3000 – Family Resource Management. Credits: 3
 FCS 4000 – Professional Focus of Family and Consumer Sciences. Credits: 2

Programs and Policies

The School of Family and Consumer Sciences academic programs are accredited by The American Association of Family and Consumer Sciences, American Dietetic Association, and National Association for the Education of Young Children.

Mission Statement

The mission of the School of Family and Consumer Sciences is to improve the quality of life for individuals and families within the global community through education and supported by research and service. Focus areas include family interaction, living environments, human growth and development, foods and nutrition, human and material resource management, and consumer affairs.

Vision Statement

The School of Family and Consumer Sciences through its life span perspective and with an applied, integrative focus on individual and family development, nutrition and health, consumer affairs, merchandising, and hospitality management, will prepare students to improve the global society.

Family and Consumer Sciences Majors and Minors

The School of Family and Consumer Sciences offers the Bachelor of Science in Family and Consumer Sciences degree with options and concentrations in the following areas:

- Dietetics Option
- Family and Consumer Sciences in Apparel & Textiles, Consumer Studies, Hospitality, and Merchandising Option
- Family Services Option

The School of Family and Consumer Sciences also offers a minor in Family and Consumer Sciences.

The School of Family and Consumer Sciences participates in the Interdisciplinary Minor in Print and Textile Design Technologies which provides students with a program of study designed to provide a knowledge base in the demanding area of digital printing technology as applied to finished products. Critical examination of design and technical skills needed to compete in multi-faceted printing markets and textile

design are key components. [See the Interdisciplinary Minor in Print and Textile Design Technologies](#) for minor requirements.

Transfer Students

New transfer students who meet the above admission criteria should indicate on the application for admission to the University that they intend to major in the Family and Consumer Sciences program. No special application to the School of Family and Consumer Sciences is required. Grades received from other schools will be used in calculating the GPA for entrance into the School of Family and Consumer Sciences.

Further Information Contact:

Academic Advisor
School of Family and Consumer Sciences
Klehm Hall 1044
Eastern Illinois University
Charleston, IL 61920
217/581-5310
E-mail: famsci@www.eiu.edu

FAMILY AND CONSUMER SCIENCES

B.S. in Family and Consumer Sciences: Apparel & Textiles, Consumer Studies, Hospitality, and Merchandising Option

Coursework required for the Apparel & Textiles, Consumer Studies, Hospitality and Merchandising Option includes the option requirements, semester hours for the selected concentration and the completion of the related minor.

Students must select from one of four concentrations: Apparel & Textiles Design, Consumer Studies, Hospitality Management, and Merchandising

Requirements for Option

BUS 1950 - Computer Concepts and Applications for Business. Credits: 3
BUS 2101 - Financial Accounting. Credits: 3
FCS 2244 - Consumer Textiles: Care and Production. Credits: 3
FCS 4275 - Internship. Credits: 3 to 9

Apparel & Textile Design Concentration

48 semester hours

CHM 1310G - General Chemistry I. Credits: 3
(Counted in General Education)
CHM 1315G - General Chemistry Laboratory I. Credits: 1
(Counted in General Education)
ECN 2801G - Principles of Macroeconomics. Credits: 3
(Counted in General Education)
FCS 2231 - Sociology of Clothing. Credits: 3
FCS 2233 - Fashion Distribution Systems. Credits: 3
FCS 2234 - Clothing and Soft Goods Construction. Credits: 3
FCS 3245 - Textiles: Color Design Production Credits: 3
FCS 3300 - Consumer Education. Credits: 3
FCS 4838 - Pattern Development & Design. Credits: 3
FCS 4926 - Public Presentation Techniques. Credits: 3
INT 4953 - Color Management Applications: Print, Textiles, Web, and other Substrates. Credits: 3
PSY 1879G - Introductory Psychology. Credits: 3
(Counted in General Education)

Select 12 semester hours from the following for the concentration:

FCS 1800 - Life Span Human Development. Credits: 3
FCS 2232 - Historic Costume and Fashion Analysis. Credits: 3
FCS 2250 - Consumer Technology. Credits: 3
FCS 2270 - Housing. Credits: 3
FCS 2700 - The Hospitality Industry. Credits: 3
FCS 3233 - Fashion Buying. Credits: 3
FCS 4235 - International Special Topics in Family and Consumer Sciences. Credits: 1 to 3
FCS 4770 - Consumer Decisions in the Marketplace. Credits: 3
STA/FCS 3970 - Study Abroad: Faculty-Led. Credits: 1 to 16

Requirements for the Print and Textile Design Technologies Minor

INT 1363 - Graphic Communication Technologies. Credits: 3
INT 3343 - Digital Media Technologies. Credits: 3

Additional 6 hours for the Print & Textile Design Technologies Minor from the following:

FCS 4440 - Undergraduate Research. Credits: 1 to 3 (See Footnote *)
INT 2123 - Digital Photography and Imaging. Credits: 3

INT 4000 - Undergraduate Research. Credits: 1 to 6 (See Footnote *)
INT 4353 - Print and Digital Media Production. Credits: 3
INT 4813 - Advanced Digital Media Technologies. Credits: 3
INT 4863 - Packaging Design, Specialty Inks, and Coatings. Credits: 3

Footnote:

* Courses for the Print & Textile Design Technologies Minor may be double counted for Apparel & Textile Design Concentration)

Consumer Studies Concentration

47 semester hours

ECN 2801G - Principles of Macroeconomics. Credits: 3
(Counted in General Education)
FCS 2250 - Consumer Technology. Credits: 3
FCS 2270 - Housing. Credits: 3
FCS 3300 - Consumer Education. Credits: 3
FCS 4300 - Consumer Issues. Credits: 2
FCS 4770 - Consumer Decisions in the Marketplace. Credits: 3
FCS 4926 - Public Presentation Techniques. Credits: 3

Select 15 additional semester hours from the following courses:

ECN 2802G - Principles of Microeconomics. Credits: 3
(Counted in General Education)
FCS 1120 - Food Selection and Preparation. Credits: 3
FCS 2100 - Nutrition in a Global Society. Credits: 3
FCS 2231 - Sociology of Clothing. Credits: 3
FCS 2233 - Fashion Distribution Systems. Credits: 3
FCS 2234 - Clothing and Soft Goods Construction. Credits: 3
FCS 2700 - The Hospitality Industry. Credits: 3
FCS 2831 - Women in Contemporary Society. Credits: 3
FCS 2850 - Child Development. Credits: 3
FCS 3233 - Fashion Buying. Credits: 3
FCS 3245 - Textiles: Color Design Production Credits: 3
FCS 4840 - The Disadvantaged Family. Credits: 3
FCS 4846 - Aging and the Family. Credits: 3

Requirements for the Business Minor

BUS 2710 - Survey of Finance. Credits: 3
BUS 3010 - Management and Organizational Behavior. Credits: 3
BUS 3470 - Principles of Marketing. Credits: 3

AND

Students must also select an additional 6 semester hours from the following courses to fulfill the Business Minor:

BUS 2102 - Managerial Accounting. Credits: 3
BUS 2750 - Legal and Social Environment of Business. Credits: 3
BUS 2810 - Business Statistics I. Credits: 3
BUS 3500 - Management Information Systems. Credits: 3
BUS 3950 - Operations Management. Credits: 3
FIN 3720 - Investments. Credits: 3
FIN 3750 - Management of Financial Institutions. Credits: 3
FIN 3770 - Working Capital Management. Credits: 3
MAR 3720 - Consumer Behavior. Credits: 3
MAR 3875 - Retail Management. Credits: 3
MGT 3450 - Human Resource Management. Credits: 3
MGT 4320 - Small Business and Entrepreneurship. Credits: 3
MIS 2000 - Problem Solving with Visual Basic Credits: 3
MIS 3505 - Advanced Microcomputer Applications and Development. Credits: 3
MIS 3515 - Information Presentation. Credits: 3

Hospitality Management Concentration

48 semester hours required.

BIO 1004G - Practical Microbiology. Credits: 3
(Counted in General Education)
BUS 2750 - Legal and Social Environment of Business. Credits: 3
ECN 2801G - Principles of Macroeconomics. Credits: 3
(Counted in General Education)
FCS 1120 - Food Selection and Preparation. Credits: 3
FCS 1121 - Food Service Sanitation. Credits: 1
FCS 2700 - The Hospitality Industry. Credits: 3
FCS 2740 - Lodging Operations. Credits: 3
FCS 3784 - Commercial Quantity Food Production. Credits: 5
FCS 3786 - Hospitality Operations and Cost Control. Credits: 3

Additional 15 hours from the following:

FCS 2100 - Nutrition in a Global Society. Credits: 3
FCS 2784 - Hospitality Sales and Service. Credits: 3
FCS 3340 - Club Management. Credits: 3

FCS 4275 - Internship. Credits: 3 to 9
 FCS 4340 - Conventions and Trade Shows. Credits: 3
 FCS 4345 - Hospitality Administration. Credits: 3
 FCS 4350 - Dining Room Management. Credits: 3
 FCS 4760 - Hospitality Franchising. Credits: 3
 FCS 4940 - Food Systems Management. Credits: 3
 REC 3310 - Travel and Tourism. Credits: 3

Requirements for the Business Minor

BUS 2710 - Survey of Finance. Credits: 3
 BUS 3010 - Management and Organizational Behavior. Credits: 3
 BUS 3470 - Principles of Marketing. Credits: 3

Additional 6 semester hours from the following courses to fulfill the Business Minor

BUS 2102 - Managerial Accounting. Credits: 3
 BUS 2810 - Business Statistics I. Credits: 3
 BUS 3500 - Management Information Systems. Credits: 3
 BUS 3950 - Operations Management. Credits: 3
 FIN 3720 - Investments. Credits: 3
 FIN 3750 - Management of Financial Institutions. Credits: 3
 FIN 3770 - Working Capital Management. Credits: 3
 MAR 3720 - Consumer Behavior. Credits: 3
 MAR 3875 - Retail Management. Credits: 3
 MGT 3450 - Human Resource Management. Credits: 3
 MGT 4320 - Small Business and Entrepreneurship. Credits: 3
 MIS 2000 - Problem Solving with Visual Basic Credits: 3
 MIS 3505 - Advanced Microcomputer Applications and Development. Credits: 3
 MIS 3515 - Information Presentation. Credits: 3

Merchandising Concentration

45 semester hours

ECN 2801G - Principles of Macroeconomics. Credits: 3
 (Counted in General Education)
 FCS 2231 - Sociology of Clothing. Credits: 3
 FCS 2233 - Fashion Distribution Systems. Credits: 3
 FCS 2234 - Clothing and Soft Goods Construction. Credits: 3
 FCS 3245 - Textiles: Color Design Production Credits: 3
 FCS 3300 - Consumer Education. Credits: 3
 FCS 4926 - Public Presentation Techniques. Credits: 3
 PSY 1879G - Introductory Psychology. Credits: 3
 (Counted in General Education)

Select 12 semester hours from the following for the concentration:

FCS 2100 - Nutrition in a Global Society. Credits: 3
 FCS 2232 - Historic Costume and Fashion Analysis. Credits: 3
 FCS 2250 - Consumer Technology. Credits: 3
 FCS 2270 - Housing. Credits: 3
 FCS 2700 - The Hospitality Industry. Credits: 3
 FCS 3233 - Fashion Buying. Credits: 3
 FCS 4300 - Consumer Issues. Credits: 2
 FCS 4770 - Consumer Decisions in the Marketplace. Credits: 3
 FCS 4838 - Pattern Development & Design. Credits: 3
 INT 4953 - Color Management Applications: Print, Textiles, Web, and other Substrates. Credits: 3

Requirements for the Business Minor

BUS 2710 - Survey of Finance. Credits: 3
 BUS 3010 - Management and Organizational Behavior. Credits: 3
 BUS 3470 - Principles of Marketing. Credits: 3

Additional 6 semester hours from the following courses to fulfill the Business Minor

BUS 2102 - Managerial Accounting. Credits: 3
 BUS 2750 - Legal and Social Environment of Business. Credits: 3
 BUS 2810 - Business Statistics I. Credits: 3
 BUS 3500 - Management Information Systems. Credits: 3
 BUS 3950 - Operations Management. Credits: 3
 FIN 3720 - Investments. Credits: 3
 FIN 3750 - Management of Financial Institutions. Credits: 3
 FIN 3770 - Working Capital Management. Credits: 3
 MAR 3720 - Consumer Behavior. Credits: 3
 MAR 3875 - Retail Management. Credits: 3
 MGT 3450 - Human Resource Management. Credits: 3
 MGT 4320 - Small Business and Entrepreneurship. Credits: 3
 MIS 2000 - Problem Solving with Visual Basic Credits: 3
 MIS 3505 - Advanced Microcomputer Applications and Development. Credits: 3

MIS 3515 - Information Presentation. Credits: 3

B.S. in Family and Consumer Sciences: Dietetics Option

The Didactic Program in Dietetics is currently granted accreditation by the Commission on Accreditation for Dietetics Education of the American Dietetic Association, 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, 312/899-5400.

FCS in Dietetics Option Requirements

Courses required for the FCS in Dietetics Option include:

BIO 2001G - Human Physiology. Credits: 4
 (also counted as general education)
 BUS 2101 - Financial Accounting. Credits: 3
 BUS 3010 - Management and Organizational Behavior. Credits: 3
 CHM 1310G - General Chemistry I. Credits: 3
 (also counted as general education)
 CHM 1315G - General Chemistry Laboratory I. Credits: 1
 CHM 1410 - General Chemistry II. Credits: 3
 CHM 1415 - General Chemistry Laboratory II. Credits: 1
 CHM 2430 - Survey of Organic Chemistry. Credits: 3
 CHM 2435 - Survey of Organic Chemistry Laboratory. Credits: 1
 CHM 3300 - Survey of Biochemistry. Credits: 3
 FCS 1120 - Food Selection and Preparation. Credits: 3
 FCS 1121 - Food Service Sanitation. Credits: 1
 FCS 1800 - Life Span Human Development. Credits: 3
 FCS 2100 - Nutrition in a Global Society. Credits: 3
 FCS 2140 - Quantity Food Production. Credits: 3
 FCS 3120 - Food Science. Credits: 4
 FCS 3756 (3151) - Community Nutrition. Credits: 3
 FCS 3755 - Nutrition Across the Lifespan. Credits: 3
 FCS 4150 - The Profession of Dietetics. Credits: 1
 FCS 4275 - Internship. Credits: 3 to 9
 FCS 4750 - Advanced Human Nutrition. Credits: 3
 FCS 4751 - Nutrition Therapy. Credits: 4
 FCS 4940 - Food Systems Management. Credits: 3
 MAT 2250G - Elementary Statistics. Credits: 4
 (also counted as general education)
 PSY 1879G - Introductory Psychology. Credits: 3
 (also counted as general education – social & behavioral sciences)
 SOC 2710G - Introductory Sociology. Credits: 3
 (also counted as general education – social & behavioral sciences)
OR
 SOC 2750G - Social Problems in Contemporary Society. Credits: 3
 (also counted as general education – social & behavioral sciences)

Footnotes:

(Major GPA based on all Family and Consumer Sciences courses taken at EIU.)
 Depending on Foreign Language and Math Placement, electives may be needed to meet 120 semester hours.

B.S. in Family and Consumer Sciences: Family Services Option

FCS in Family Services Requirements

Courses required for the FCS in Family Services Option include:

FCS 1120 - Food Selection and Preparation. Credits: 3
 FCS 1800 - Life Span Human Development. Credits: 3
 FCS 2100 - Nutrition in a Global Society. Credits: 3
 FCS 2270 - Housing. Credits: 3
 FCS 2800 - Family Relationships. Credits: 3
 FCS 2850 - Child Development. Credits: 3
 FCS 3300 - Consumer Education. Credits: 3
 FCS 3853 - Practicum in Child Development. Credits: 3
 FCS 4275 - Internship. Credits: 3 to 9
 FCS 4840 - The Disadvantaged Family. Credits: 3
 FCS 4845 - The Family in Crisis. Credits: 3
 PSY 1879G - Introductory Psychology. Credits: 3
 (also counted in general education – social & behavioral sciences)
 PSY 3780 - Abnormal Psychology. Credits: 3
 SOC 2710G - Introductory Sociology. Credits: 3
 (also counted in general education – social & behavioral sciences)
 SOC 2750G - Social Problems in Contemporary Society. Credits: 3
 SOC 3600 - Introduction to Social Work. Credits: 3

14 Semester Hours From:

FCS 2831 - Women in Contemporary Society. Credits: 3
 FCS 3800 - Family Life and Sex Education. Credits: 3
 FCS 4230 - Special Topics in Family and Consumer Sciences.

Credits: 1 to 3*
 FCS 4235 - International Special Topics in Family and Consumer Sciences. Credits: 1 to 3*
 FCS 4300 - Consumer Issues. Credits: 2
 FCS 4753 - Nutrition and the Addicted Person. Credits: 1
 FCS 4820 - Death and Dying. Credits: 3
 FCS 4846 - Aging and the Family. Credits: 3
 FCS 4851 - Infant Development. Credits: 3
 FCS 4854 - Parent-Child Study and Community Involvement. Credits: 3
 FCS 4859 - Administration of Child Care Programs. Credits: 3
 FCS 4860 - Addictions and the Family. Credits: 3
 PSY 3521 - Psychology of Adolescence and Young Adulthood. Credits: 3

Footnotes:

(Major GPA based on all Family and Consumer Sciences courses taken at EIU)
 Depending on Foreign Language and Math Placement, electives may be needed to meet 120 semester hours.

*Any combination of FCS 4230 and 4235 limited to 3 semester hours maximum.

Family and Consumer Sciences Honors Program

To be admitted to the Departmental Honors Program, students must have at least a 3.50 GPA on a 4.0 point scale, and permission of the Dean of the Honors College and the Departmental Honors Coordinator.

Students in the Family and Consumer Sciences Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade-point average to 3.50 and submit their petition to the Dean of the Honors College and Departmental Honors Coordinator.

Procedures:

Student petitions must be submitted to the School of Family and Consumer Sciences' Honors coordinator who will in turn submit the request to faculty in the appropriate subject matter area. Requirements within the student's subject matter option and the School of Family and Consumer Sciences' core curriculum will have to be addressed and satisfied before approval is recommended. The recommended petition will then require the signature of the School of Family and Consumer Sciences Chair for final approval.

Departmental Honors Requirements

Total Semester Hours: 12[#]

FCS Graduate Level Course. Credits: 3**
 FCS 4444 - Honors Independent Study. Credits: 3
 FCS 4555 - Honors Research. Credits: 3
 FCS 4644 - Honors Thesis. Credits: 3*

Footnotes:

* Honors Thesis required by University Honors guidelines.

** 5000-5499 graduate course approved by the School of Family and Consumer Sciences. (Must be taken in senior year - University guidelines)

[#] Student may petition (see below) School of Family and Consumer Sciences to substitute up to three (excepting FCS 2190) semester hours of FCS Honors Credit for requirements within the major.

Family and Consumer Sciences Minor

Total Hours: 21

FCS 1000 - Foundations of Family and Consumer Sciences. Credits: 2
 FCS 2000 - Family Perspectives. Credits: 3
 FCS 3000 - Family Resource Management. Credits: 3
 FCS 4000 - Professional Focus of Family and Consumer Sciences. Credits: 2

Electives in Family and Consumer Sciences

To be selected in consultation with an FCS advisor and include at least 3 sem. hrs. of courses numbered 3000 or above. Suggested electives are:

FCS 1120 - Food Selection and Preparation. Credits: 3
 FCS 1121 - Food Service Sanitation. Credits: 1
 FCS 1800 - Life Span Human Development. Credits: 3
 FCS 2100 - Nutrition in a Global Society. Credits: 3
 FCS 2140 - Quantity Food Production. Credits: 3
 FCS 2231 - Sociology of Clothing. Credits: 3
 FCS 2233 - Fashion Distribution Systems. Credits: 3
 FCS 2244 - Consumer Textiles: Care and Production. Credits: 3
 FCS 2250 - Consumer Technology. Credits: 3
 FCS 2270 - Housing. Credits: 3
 FCS 2700 - The Hospitality Industry. Credits: 3
 FCS 2800 - Family Relationships. Credits: 3

FCS 3756 (3151) - Community Nutrition. Credits: 3
 FCS 3245 - Textiles: Color Design Production Credits: 3
 FCS 3300 - Consumer Education. Credits: 3
 FCS 3786 - Hospitality Operations and Cost Control. Credits: 3
 FCS 3853 - Practicum in Child Development. Credits: 3
 FCS 4230 - Special Topics in Family and Consumer Sciences Credits: 1 to 3
 (any combination of FCS 4230 and 4235 limited to 2 sem. hrs. maximum)
 FCS 4235 - International Special Topics in Family and Consumer Sciences. Credits: 1 to 3
 (any combination of FCS 4230 and 4235 limited to 2 sem. hrs. maximum)
 FCS 4820 - Death and Dying. Credits: 3
 FCS 4840 - The Disadvantaged Family. Credits: 3
 FCS 4845 - The Family in Crisis. Credits: 3
 FCS 4854 - Parent-Child Study and Community Involvement. Credits: 3

School of Technology**Programs and Policies**

The B.S. degree in Industrial Technology is accredited by the National Association of Industrial Technology and the Career and Technical Education programs are accredited by the National Council for Accreditation of Teacher Education.

Vision Statement

The School of Technology is, and will continue to be, recognized as a premier provider of quality programs and services that enhance the capacity of professionals and organizations to integrate people and technology for optimum work performance and learning. Applied research, exemplary teaching and partnerships are the hallmarks of mutually enriching activities that foster scholarship for students and faculty and economic development for the region.

Majors and Minors

The School of Technology offers the Bachelor of Science degree with majors, emphases and concentrations in the following areas:

Industrial Technology Major:

- Automation and Control Technical Concentration
- Construction Technical Concentration
- Digital Printing, Imaging, and Web Technology Technical Concentration
- Production Technical Concentration

Career and Technical Education Major:

- Business Education Emphasis
- Family and Consumer Sciences Education Emphasis
- Technology Education Emphasis (concentrations available in Construction, Automation and Control, Drafting/Design, Graphic Communication, Industrial Technology, and Manufacturing.)

Career and Organizational Studies Major:

- Training/Development concentration
- Supervision/Leadership concentration

The School of Technology offers the following minor:

- Minor in Industrial Technology

CAREER AND ORGANIZATION STUDIES**B.S. in Career & Organizational Studies**

The Career and Organizational Studies Program offers a bachelor of science degree with a major in Career and Organizational Studies. This program is designed for adults with significant employment experience and allows them to pursue a bachelor's degree on a part-time basis. Academic credit for college-level learning from prior occupational experiences is available through preparation and assessment of a portfolio.**

General Education Requirements

- Humanities and Fine Arts. Credits: 9
- Language. Credits: 9
- Mathematics. Credits: 3
- Scientific Awareness. Credits: 7
- Senior Seminar. Credits: 3
- Social and Behavioral Sciences. Credits: 9

Major**Major Requirements:**

- Technical Specialization. Credits: 20
- Prior Occupational Learning. Credits: 1-30*
- COS 4830 - Organizational Perspectives: Past, Present and Future. Credits: 3
- COS 4835 - Supervision in Organizations. Credits: 3
- COS 4840 - Training Program Development. Credits: 3

Electives:

- COS 4275 - Career & Organizational Studies Internship. Credits: 1 to 15
- COS 4300 - Special Study in Career & Organizational Studies. Credits: 3

Areas of Concentration

Students may also select an area of concentration consisting of courses taken in addition to the General Requirements and Major Requirements. Each concentration is planned to supplement the student's professional goals or personal interests and must be done in consultation with the student's advisor. The two areas of concentration and the recommended electives for each are as follows:

Training/Development Concentration

Nine semester hours from the following list of courses. Courses must be taken from at least two different departments.

(* 3 semester hour limit)

- COS 4275 - Career & Organizational Studies Internship. Credits: 1 to 15*
- COS 4300 - Special Study in Career & Organizational Studies. Credits: 3*
- COS 4800 - Strategies and Processes of Teaching and Training. Credits: 3
- COS 4840 - Training Program Development. Credits: 3
- COS 4850 - Special Topics in Career & Organizational Studies. Credits: 1 to 3*
- EDF 4750 - Introduction to Adult Education. Credits: 3
- ENG 4760 - Studies in Professional Writing Credits: 3
- SED 4751 - Strategies of Adult Instruction. Credits: 3

Supervision/Leadership Concentration

Nine semester hours from the following list of courses. Courses must be taken from at least two different departments.

(* 3 semester hour limit)

- BUS 3010 - Management and Organizational Behavior. Credits: 3
- CMN 3300 - Interviewing. Credits: 3
- COS 4300 - Special Study in Career & Organizational Studies. Credits: 3*
- COS 4850 - Special Topics in Career & Organizational Studies. Credits: 1 to 3*
- INT 4943 - Manufacturing Management. Credits: 3
- PSY 3530 - Industrial/Organizational Psychology. Credits: 3
- SOC 2840 - Racial and Cultural Minorities. Credits: 3

Footnotes:

* Credit may be granted via Career and Organizational Studies 3200 or other course numbers within the particular academic department via preparation and submission of a portfolio which explicitly describes college-level learning based on prior occupational experiences.

** Of the 120 semester hours required to complete the degree, at least 25 sem. hrs. of courses from EIU must be included.

CAREER AND TECHNICAL EDUCATION**B.S. in Career & Technical Education**

Career and Technical Education prepares students to teach high school business, family and consumer sciences, or technology. For students also wanting to be eligible to teach in a middle school, additional Middle Level Education courses are required.

The **business education emphasis** requires 41 hours of general education, 36-42 hours of professional education, and 36-39 hours of content. The **family and consumer sciences education emphasis** requires 40 hours of general education, 34-40 hours of professional education, and 45 hours of content. The **technology education emphasis** requires 40 hours of general education, 34-40 hours of professional education, and 32 hours of content.

This major requires that students follow and meet the requirements for Admission, Retention and Graduation from Teacher Certification programs as described in the "Teacher Certification Programs" section of this catalog and as explained at the University Admission to Teacher Education Meeting which all students must attend. Students must gain University Approval to take Teacher Education Courses no later than the end of their first semester of their junior year in order to use this suggested plan. Additional information on Admission, Retention and Graduation for Teacher Certification programs can be found on the College of Education & Professional Studies website at www.eiu.edu/ceps/tached.

All students must pass the Illinois Certification Test of Basic Skills for selection into teacher education and should complete this requirement no later than their sophomore year.

Students must receive a "C" or better in all professional education courses and maintain a minimum cumulative and major GPA of 2.65 in order to continue in the program.

Students have two options for completing the professional education coursework – Regular Secondary Education Program (RSEP) and Integrated Secondary Education Program (ISEP). For more information regarding these two options please consult with your advisor. Information is also available in the Teacher Certification Program section of this catalog.

Business Education

The Business Education emphasis comprises the following:

41 Semester Hours of General Education**Language - Total: 9 hours**

A grade of at least "C" is required for each course.

- CMN 1310G - Introduction to Speech Communication. Credits: 3
- ENG 1001G - Composition and Language. Credits: 3
- ENG 1002G - Composition and Literature. Credits: 3

Humanities & Fine Arts - Total: 9 hours**Social & Behavioral Sciences - Total: 9 hours**

- U.S. Constitution
- ECN 2801G - Principles of Macroeconomics. Credits: 3

Scientific Awareness - Total: 7 hours

Biological and Physical. One lab course required.

Mathematics - Total: 4 hours

- 3 semester hours of college math required. Must have a grade of "C" or better.
- MAT 2250G - Elementary Statistics. Credits: 4

Senior Seminar - Total: 3 hours**Foreign Language - Total: 0-8 hours**

If needed or elective. If no foreign language required, RSEP students need 1 hr. elective and ISEP students need 7 hours of electives.

Regular Secondary Education Program (RSEP) or Integrated Secondary Education Program (ISEP)**Regular Secondary Education Program - Total: 42 hours**

Note: Students must have a "C" or better in each of the professional education courses listed below.

Professional Education:

- CTE 2000 - Inquiry Into Teaching Career and Technical Education. Credits: 2
(or SED 2000 equivalent plus CTE 2001)
- CTE 3100 - Instructional Technology in Career and Technical Education. Credits: 3
- CTE 3400 - Methods of Teaching Career and Technical Education. Credits: 3¹
- CTE 3401 - Seminar in Teaching Keyboarding and Computer Applications. Credits: 2¹
- CTE 3402 - Seminar in Teaching Basic Business and Accounting. Credits: 2¹
- EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
- EDF 4450 - Philosophy and History of Education. Credits: 3¹

EDP 3331 - Theories of Learning and Development for Secondary Teachers. Credits: 3¹
 SED 3330 - Instructional Tasks in the Secondary School. Credits: 3¹
 SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3¹
 STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
 STG 4001 - Student Teaching. Credits: 12-16
 (14 semester hours)

OR

Integrated Secondary Education Program - Total: 36 hours

Note: Students must have a "C" or better in each of the professional education courses listed below.

CTE 2000 - Inquiry Into Teaching Career and Technical Education. Credits: 2
 CTE 3100 - Instructional Technology in Career and Technical Education. Credits: 3
 CTE 3400 - Methods of Teaching Career and Technical Education. Credits: 3¹
 CTE 3401 - Seminar in Teaching Keyboarding and Computer Applications. Credits: 2¹
 CTE 3402 - Seminar in Teaching Basic Business and Accounting. Credits: 2¹
 EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
 SED 3000 - ISEP Level I. Credits: 3
 SED 3100 - ISEP Level II. Credits: 3¹
 SED 4000 - ISEP Level III. Credits: 3
 STG 4001 - Student Teaching. Credits: 12-16
 (12 semester hours)

Business Education - Total: 36 hours

Business Electives as Needed. Credits: 0-10
 BUS 1950 - Computer Concepts and Applications for Business. Credits: 3
 BUS 2101 - Financial Accounting. Credits: 3
 BUS 2102 - Managerial Accounting. Credits: 3
 BUS 2750 - Legal and Social Environment of Business. Credits: 3
 BUS 3010 - Management and Organizational Behavior. Credits: 3
 BUS 3470 - Principles of Marketing. Credits: 3
 CTE 1420 - Survey of Business Principles. Credits: 3
 CTE 3000 - Consumers in the Marketplace. Credits: 3
 ECN 2802G - Principles of Microeconomics. Credits: 3
 MGT 3830 - Managerial Communications. Credits: 3
 MIS 3505 - Advanced Microcomputer Applications and Development. Credits: 3
 MIS 3515 - Information Presentation. Credits: 3

Footnotes:

¹ Requires University Approval to Take Teacher Education Courses
 Calculation of the major GPA is based on courses taken at EIU with the prefixes of CTE, ACC, BUS, FIN, MAR, MGT, and MIS.

Family and Consumer Sciences Education

The Family & Consumer Sciences Education emphasis comprises the following:

40 Semester Hours of General Education

Language - Total: 9 hours

A grade of at least "C" is required for each course.
 CMN 1310G - Introduction to Speech Communication. Credits: 3
 ENG 1001G - Composition and Language. Credits: 3
 ENG 1002G - Composition and Literature. Credits: 3

Humanities & Fine Arts - Total: 9 hours

Social & Behavioral Sciences - Total: 9 hours

U.S. Constitution

Scientific Awareness - Total: 7 hours

Biological and Physical. One lab course required.

Mathematics - Total: 3 hours

3 semester hours of college math required. Must have a grade of "C" or better.

Senior Seminar - Total: 3 hours

Foreign Language - Total: 0-8 hours

If needed. If student requires no foreign language and takes ISEP, 1 hour of elective will be required.

Regular Secondary Education Program (RSEP) or Integrated Secondary Education Program (ISEP)

Regular Secondary Education Program - Total: 40 hours

Note: Students must have a "C" or better in each of the professional education courses listed below.

Professional Education:

CTE 2000 - Inquiry Into Teaching Career and Technical Education. Credits: 2
 (or SED 2000 equivalent plus CTE 2001)
 CTE 3100 - Instructional Technology in Career and Technical Education. Credits: 3
 CTE 3400 - Methods of Teaching Career and Technical Education. Credits: 3¹
 CTE 3403 - Seminar in Teaching Family and Consumer Sciences. Credits: 2¹
 EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
 EDF 4450 - Philosophy and History of Education. Credits: 3
 EDP 3331 - Theories of Learning and Development for Secondary Teachers. Credits: 3¹
 SED 3330 - Instructional Tasks in the Secondary School. Credits: 3¹
 SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3¹
 STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
 STG 4001 - Student Teaching. Credits: 12-16
 (14 semester hours)

OR

Integrated Secondary Education Program - Total: 34 hours

Note: Students must have a "C" or better in each of the professional education courses listed below.

CTE 2000 - Inquiry Into Teaching Career and Technical Education. Credits: 2
 CTE 3100 - Instructional Technology in Career and Technical Education. Credits: 3
 CTE 3400 - Methods of Teaching Career and Technical Education. Credits: 3¹
 CTE 3403 - Seminar in Teaching Family and Consumer Sciences. Credits: 2¹
 EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
 SED 3000 - ISEP Level I. Credits: 3
 SED 3100 - ISEP Level II. Credits: 3¹
 SED 4000 - ISEP Level III. Credits: 3
 STG 4001 - Student Teaching. Credits: 12-16
 (12 semester hours)

Family & Consumer Sciences - Total: 45 hours

Elective course work. Credits: 0-1
 FCS 1000 - Foundations of Family and Consumer Sciences. Credits: 2
 FCS 1120 - Food Selection and Preparation. Credits: 3
 FCS 1121 - Food Service Sanitation. Credits: 1
 FCS 1800 - Life Span Human Development. Credits: 3
 FCS 2000 - Family Perspectives. Credits: 3
 FCS 2100 - Nutrition in a Global Society. Credits: 3
 FCS 2140 - Quantity Food Production. Credits: 3
 FCS 2234 - Clothing and Soft Goods Construction. Credits: 3
 FCS 2244 - Consumer Textiles: Care and Production. Credits: 3
 FCS 2270 - Housing. Credits: 3
 FCS 2800 - Family Relationships. Credits: 3
 FCS 2850 - Child Development. Credits: 3
 FCS 3000 - Family Resource Management. Credits: 3
 FCS 3300 - Consumer Education. Credits: 3
 FCS 3853 - Practicum in Child Development. Credits: 3
 FCS 4840 - The Disadvantaged Family. Credits: 3

Footnotes:

¹ Requires University Approval to Take Teacher Education Courses
 Calculation of the major GPA is based on courses taken at EIU with the prefixes of CTE and FCS

Technology Education

The Technical Education emphasis comprises the following:

40 Semester Hours of General Education**Language - Total: 9 hours**

A grade of at least "C" is required for each course.

- CMN 1310G - Introduction to Speech Communication. Credits: 3
- ENG 1001G - Composition and Language. Credits: 3
- ENG 1002G - Composition and Literature. Credits: 3

Humanities & Fine Arts - Total: 9 hours**Social & Behavioral Sciences - Total: 9 hours**

- U.S. Constitution

Scientific Awareness - Total: 7 hours

Biological and Physical. One lab course required.

Mathematics - Total: 3 hours

3 semester hours of college math required. Must have a grade of "C" or better.

Senior Seminar - Total: 3 hours**Foreign Language - Total: 0-8 hours**

If needed or elective. If student requires no foreign language and takes ISEP, 14 hours of electives will be required.

Regular Secondary Education Program (RSEP) or Integrated Secondary Education Program (ISEP)**Regular Secondary Education Program - Total: 40 hours**

Note: Students must have a "C" or better in each of the professional education courses listed below.

Professional Education:

- CTE 2000 - Inquiry Into Teaching Career and Technical Education. Credits: 2
(or SED 2000 equivalent plus CTE 2001)
- CTE 3100 - Instructional Technology in Career and Technical Education. Credits: 3
- CTE 3400 - Methods of Teaching Career and Technical Education. Credits: 3¹
- CTE 3404 - Seminar in Teaching Technology. Credits: 2¹
- EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
- EDF 4450 - Philosophy and History of Education. Credits: 3¹
- EDP 3331 - Theories of Learning and Development for Secondary Teachers. Credits: 3¹
- SED 3330 - Instructional Tasks in the Secondary School. Credits: 3¹
- SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3¹
- STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
- STG 4001 - Student Teaching. Credits: 12-16
(14 semester hours)

OR**Integrated Secondary Education Program - Total: 34 hours**

Note: Students must have a "C" or better in each of the professional education courses listed below.

- CTE 2000 - Inquiry Into Teaching Career and Technical Education. Credits: 2
- CTE 3100 - Instructional Technology in Career and Technical Education. Credits: 3¹
- CTE 3400 - Methods of Teaching Career and Technical Education. Credits: 3¹
- CTE 3404 - Seminar in Teaching Technology. Credits: 2¹
- EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
- SED 3000 - ISEP Level I. Credits: 3
- SED 3100 - ISEP Level II. Credits: 3¹
- SED 4000 - ISEP Level III. Credits: 3
- STG 4001 - Student Teaching. Credits: 12-16
(12 semester hours)

Technology Education - Total: 32 hours**Required Core Courses - Total: 14-17 hours**

- INT 1012 - Technical Drawing. Credits: 2

- INT 1263 - Materials Technology. Credits: 3
(and INT 4002 or INT 2064)
- INT 1363 - Graphic Communication Technologies. Credits: 3
- INT 1413 - Technological Systems. Credits: 3
- INT 2064 - Manufacturing Processes. Credits: 3
(or INT 1263 and INT 4002)
- INT 2324 - Electronic Control Systems. Credits: 3
- INT 4002 - Materials Testing. Credits: 3
(and INT 1263 or INT 2064)

Concentrations:

- First Concentration: 9 semester hours
- Second Concentration or electives: 0-14 semester hours

Approved Electives for Technology Education Concentrations:**Automation & Control:**

- INT 2523 - Routing and Switching Fundamentals. Credits: 3
- INT 3073 - Programmable Logic Controllers. Credits: 3
- INT 3103 - Robots and Control Systems. Credits: 3
- INT 3153 - Advanced Routing and Switching. Credits: 3
- INT 4183 - Microcomputer Interfacing and Data Acquisition. Credits: 3
- INT 4274 - Automation and Control Systems. Credits: 4
- INT 4833 - Automatic Identification and Data Capture. Credits: 3

Construction:

- INT 2253 - Construction Equipment and Materials. Credits: 3
- INT 3213 - Surveying and Site Planning. Credits: 3
- INT 3223 - Architectural Drafting and Blueprint Reading. Credits: 3
- INT 3603 - Mechanical Systems in Residential and Commercial Buildings. Credits: 3
- INT 4223 - Construction Cost Estimating. Credits: 3
- INT 4243 - Construction Project Management. Credits: 3

Drafting & Design:

- INT 1001 - Introduction to Computer-Aided Design/Drawing (CAD). Credits: 1
- INT 2043 - Computer-Aided Engineering Drawing. Credits: 3
- INT 3063 - 3-D Modeling. Credits: 3
- INT 3223 - Architectural Drafting and Blueprint Reading. Credits: 3

Graphic Communications:

- INT 2123 - Digital Photography and Imaging. Credits: 3
- INT 3343 - Digital Media Technologies. Credits: 3
- INT 4123 - Advanced Digital Capture for WEB and Print Publishing. Credits: 3
- INT 4353 - Print and Digital Media Production. Credits: 3
- INT 4813 - Advanced Digital Media Technologies. Credits: 3
- INT 4863 - Packaging Design, Specialty Inks, and Coatings. Credits: 3
- INT 4953 - Color Management Applications: Print, Textiles, Web, and other Substrates. Credits: 3

Manufacturing:

- INT 3103 - Robots and Control Systems. Credits: 3
- INT 3113 - Manufacturing Machine Processes. Credits: 3
- INT 3143 - Manufacturing Fabrication Processes. Credits: 3
- INT 3203 - Computer Numerical Control Programming. Credits: 3
- INT 4602 - Physical Metallurgy. Credits: 3
- INT 4853 - Polymers and Composites. Credits: 3

Footnotes:

¹ Requires University Approval to Take Teacher Education Courses
Calculation of the major GPA is based on courses taken at EIU with prefixes of CTE and INT

INDUSTRIAL TECHNOLOGY**B.S. in Industrial Technology**

The Industrial Technology program provides a broad education that emphasizes the study of materials, processes, and management. The program is designed to prepare technical or technical management-oriented professionals for employment in business, industry, and government. Individuals interested in working with people, materials, and processes will find Industrial Technology provides an excellent foundation for a challenging career.

Major

Industrial Technology comprises the following courses, as well as 15 hours of course work from one of the concentrations listed below.

- BUS 3010 - Management and Organizational Behavior. Credits: 3

CHM 1310G - General Chemistry I. Credits: 3
 CHM 1315G - General Chemistry Laboratory I. Credits: 3
 ENG 3005 - Technical Communication. Credits: 3
 HST 3350 - Industrial Safety. Credits: 2
 INT 1263 - Materials Technology. Credits: 3
 INT 1413 - Technological Systems. Credits: 3
 INT 2043 - Computer-Aided Engineering Drawing. Credits: 3
 INT 2324 - Electronic Control Systems. Credits: 3
 INT 3703 - Machine Design. Credits: 3
 INT 4002 - Materials Testing. Credits: 3
 INT 4843 - Statistical Quality Assurance. Credits: 3
 INT 4943 - Manufacturing Management. Credits: 3

One of the following:

ECN 2800G - Economics of Social Issues. Credits: 3
 ECN 2801G - Principles of Macroeconomics. Credits: 3

One of the following:

BUS 1950 - Computer Concepts and Applications for Business. Credits: 3
 MAT 2170 - Computer Science I. Credits: 4
 MIS 2000 - Introduction to Information Systems & Logic. Credits: 3

Mathematics:**Either**

MAT 1340 - Analytic Geometry. Credits: 3
 MAT 2110G - Brief Calculus with Applications. Credits: 3

Or

MAT 1441G - Calculus and Analytic Geometry I. Credits: 5

Physics:**Either**

PHY 1151G - Principles of Physics I. Credits: 3
 PHY 1152G - Principles of Physics I Laboratory. Credits: 1
 PHY 1161 - Principles of Physics II. Credits: 3
 PHY 1162 - Principles of Physics II Laboratory. Credits: 1

Or

PHY 1351G - General Physics I. Credits: 3
 PHY 1352G - General Physics I Laboratory. Credits: 1
 PHY 1361 - General Physics II. Credits: 3
 PHY 1362 - General Physics II Laboratory. Credits: 1

INT Electives

Students must select 9 semester hours from any INT courses, other than the required INT core courses, INT Senior Seminar courses, and INT General Education courses. Courses from outside the major or transfer courses that support technical management may be considered as INT electives, upon departmental approval to meet the required 9 semester hours. Courses will not double count for concentration and to meet INT elective hours.

And 15 hours of course work from one of the concentrations listed below:**Automation and Control Technical Concentration**

A minimum of 15 hours of course work may include study in the areas of programmable logic controllers, robotics with human machine interfacing, automated control through sequencing and regulation, automatic ID, computerized interfacing and data acquisition, and industrial-based routing and switching telecommunications.

INT 2523 - Routing and Switching Fundamentals. Credits: 3
 INT 3073 - Programmable Logic Controllers. Credits: 3
 INT 3103 - Robots and Control Systems. Credits: 3
 INT 3153 - Advanced Routing and Switching. Credits: 3
 INT 4183 - Microcomputer Interfacing and Data Acquisition. Credits: 3
 INT 4274 - Automation and Control Systems. Credits: 4
 INT 4833 - Automatic Identification and Data Capture. Credits: 3

Construction Technical Concentration

A minimum of 15 semester hours of course work may include study in the areas of architectural drafting and blueprint reading, surveying, cost estimating, construction practices, construction materials, construction specifications, and business law.

BUS 2750 - Legal and Social Environment of Business. Credits: 3
 INT 2253 - Construction Equipment and Materials. Credits: 3
 INT 3213 - Surveying and Site Planning. Credits: 3
 INT 3223 - Architectural Drafting and Blueprint Reading. Credits: 3
 INT 3603 - Mechanical Systems in Residential and Commercial Buildings. Credits: 3
 INT 4223 - Construction Cost Estimating. Credits: 3

INT 4243 - Construction Project Management. Credits: 3

Digital Printing, Imaging, and Web Technology Technical Concentration

A minimum of 15 semester hours of course work may include study in the areas of digital printing, imaging, and web technology. This concentration is designed to provide students with the knowledge and skills necessary to function in the printing and publishing industries, and in imaging and web technology careers. Course work includes photography, digital printing, multimedia and web technology as listed below:

INT 1363 - Graphic Communication Technologies. Credits: 3*
 INT 2123 - Digital Photography and Imaging. Credits: 3
 INT 3343 - Digital Media Technologies. Credits: 3*
 INT 4123 - Advanced Digital Capture for WEB and Print Publishing. Credits: 3
 INT 4353 - Print and Digital Media Production. Credits: 3*
 INT 4813 - Advanced Digital Media Technologies. Credits: 3*
 INT 4863 - Packaging Design, Specialty Inks, and Coatings. Credits: 3
 INT 4953 - Color Management Applications: Print, Textiles, Web, and other Substrates. Credits: 3

Note:

* These courses can be used for the Advertising Interdisciplinary Minor. INT 1363 and INT 3343 are required courses for the Advertising Minor.

Production Technical Concentration

A minimum of 15 semester hours of course work may include study in the areas of metrology, drafting and design, CAD, CNC, metallurgy, casting, machining technology, fabrication, material handling, robotics, and automation. The concentration must include a minimum of six hours of course work related to industrial processes.

INT 3012 - Metrology and Inspection Procedures. Credits: 2
 INT 3063 - 3-D Modeling. Credits: 3
 INT 3103 - Robots and Control Systems. Credits: 3
 INT 3113 - Manufacturing Machine Processes. Credits: 3*
 INT 3143 - Manufacturing Fabrication Processes. Credits: 3*
 INT 3203 - Computer Numerical Control Programming. Credits: 3*
 INT 4023 - Manufacturing Automation. Credits: 3
 INT 4274 - Automation and Control Systems. Credits: 4
 INT 4602 - Physical Metallurgy. Credits: 3*
 INT 4673 - Work Measurement and Method Design. Credits: 3
 INT 4803 - Plant Layout and Material Handling. Credits: 3
 INT 4853 - Polymers and Composites. Credits: 3*

Footnotes:

Depending on Foreign Language and Math Placement, additional electives may be needed to meet 120 semester hours.

General Education selections must meet cultural diversity and electronic writing portfolio requirements.

*Industrial processes course.

(Major GPA based on all Industrial Technology courses taken at EIU.)

Industrial Technology Honors Program

Industrial Technology majors with a cumulative and a major GPA of 3.50 or above, on a 4.00 scale, will be eligible for the Industrial Technology Departmental Honors Program. Twelve semester hours in Industrial Technology Honors courses will replace nine semester hours of program requirements, and three hours of general electives. Two to three hours of Honors Thesis will be required.

Departmental Honors Requirements

In addition to completion of all BS degree requirements in Industrial Technology, the student must complete at least 12 hours in the following courses:

Elective Courses (5000 through 5499). Credits: 3³
 INT 4444 - Honors Independent Study. Credits: 1 to 4¹
 INT 4555 - Honors Research. Credits: 3²
 INT 4644 - Honors Thesis. Credits: 2 to 3

Footnotes:

¹ Up to four hours of Honors Independent Study may be counted toward the 15 hours of required course work in a technical concentration.

² Honors Research credits may be counted toward the nine hours of required Industrial Technology electives.

³ May be counted toward technical concentration or required electives in Industrial Technology with the approval of Departmental Honors Coordinator and the Graduate School.

Industrial Technology Minor

Total Hours: 21

12 Semester Hours from:

- BUS 3010 - Management and Organizational Behavior. Credits: 3
 or
 CTE 1420 - Survey of Business Principles. Credits: 3
 INT 1263 - Materials Technology. Credits: 3
 INT 2043 - Computer-Aided Engineering Drawing. Credits: 3
 INT 4843 - Statistical Quality Assurance. Credits: 3

2-3 Semester Hours from:

- INT 3012 - Metrology and Inspection Procedures. Credits: 2
 or
 INT 3043 - Engineering Geometry and Graphics. Credits: 3
 or
 INT 3703 - Machine Design. Credits: 3
 or
 INT 4002 - Materials Testing. Credits: 3

6-7 Semester Hours of Electives

Electives in Industrial Technology (excluding INT 2200G and 2300G)

Interdisciplinary Minors**Advertising**

The School of Technology participates in the Interdisciplinary Minor in Advertising which provides students with a program of study designed to enhance their understanding regarding the promotion of products and services to various markets. Critical examination of campaigns and strategies, and their application of knowledge, are key components. See the [Interdisciplinary Minor in Advertising program](#) for minor requirements.

Print & Textile Design Technologies

The School of Technology participates in the Interdisciplinary Minor in Print and Textile Design Technologies which provides students with a program of study designed to provide a knowledge base in the demanding area of digital printing technology as applied to finished products. Critical examination of design and technical skills needed to compete in multi-faceted printing markets and textile design are key components. See the [Interdisciplinary Minor in Print and Textile Design Technologies](#) for minor requirements.

**MILITARY SCIENCES/RESERVE OFFICER'S
TRAINING CORPS (ROTC)**
Department of Military Science**Programs and Policies****Mission Statement**

The mission of the Military Science Department is to develop future leaders for the United State Army, as well as graduates who are prepared to contribute positively to government and business organizations and to continue life-long learning in a changing and diverse world. The Military Science Department places highest priority on leadership training. Our skills provide real world applications that the business market seeks from our future leaders.

The Department of Military Science offers the Military Science Minor.

Application Criteria for Illinois State Tuition Assistance

To apply for Illinois State Tuition Assistance in the Department of Military Science, a student must:

1. Meet all academic requirements of EIU, and be eligible to meet all commissioning requirements upon graduation and completion of Army Reserve Officers Training Corps (ROTC)
2. Maintain a minimum 2.5 cumulative GPA
3. Be an Illinois resident

Students can contact the Military Science Scholarship Officer at 217/581-5944 or can request an application on our web site <http://www.eiu.edu/~armyrotc/>.

Reserve Officers' Training Corps (ROTC)**General**

R.O.T.C. is a leadership development program culminating in a commission (if offered) as an officer in the United States Army. Offered at EIU since 1980, R.O.T.C. can be completed by students majoring in any field of study offered by the University. Entry into the program can be accomplished in the freshman, sophomore, junior or senior year. The program is conducted in two segments; the Basic course and the Advanced course. Full room and board plus tuition scholarships are available to qualified students.

Upon completion of the program, U. S. Army Officer commissions may be offered in either the Adjutant General, Air Defense, Armor, Artillery, Aviation, Chemical, Engineer, Field Artillery, Finance, Infantry, Medical Service, Military Intelligence, Military Police, Ordnance, Quartermaster, Signal or Transportation Branch.

Army Senior ROTC Basic Course

Normally taken in sequence during the freshman and sophomore years; however, classes can be compressed during the sophomore or junior year. Students participating in the basic course incur no military obligation.

Credit may also be granted for the basic course for certain members or prior members of the active Army, Army Reserve or Army National Guard upon verification of completion of basic training. Credit may also be granted by verification of completion of High School JROTC or completion of a five-week Leadership Training Course (LTC) at Fort Knox, Kentucky (normally accomplished between the sophomore and junior years). Students attending the Leadership Training Course may receive academic credit by enrolling in Military Science 2003.

The Basic Course is designed to introduce cadets to the fundamentals of leadership and to prepare them for success in the ROTC Advanced Course. The content and methods of the Basic Course assume no prior cadet experience or other military training. The ROTC Basic Course consists of classroom introduction to the Army and officership during the first year, and the experiential examination of leadership, group process, and decision-making during the second year. These activities are both inside the classroom and in outdoor settings. In addition to military skills, practical skills for life are emphasized throughout these first two years. By the end of the Basic Course, cadets should have an essential understanding of the unique aspects of the officer corps, fundamentals of leadership and decision-making, the Army's institutional values, and principles of individual fitness and a healthy lifestyle.

Classes consist of:

- MSC 1001 - Introduction to Military Science. Credits: 1
 MSC 1002 - Introduction to Leadership. Credits: 1
 MSC 2001 - Foundations of Leadership I. Credits: 2
 MSC 2002 - Foundations of Leadership II. Credits: 2

Note: Students who are Federal or State Scholarship recipients are required to also enroll in PED 1000.

Army Senior ROTC Advanced Course

Taken after the requirements for the basic course have been met.

The Army ROTC Advanced Course is comprised of four courses and the Leader Development Assessment Course (LDAC) MSC 3003 during the summer between the Junior and Senior year. The Advanced Course is designed to teach all knowledge, skills, and attitudes essential for commissioning as a new second lieutenant, and to establish a sound foundation for a career as a commissioned Army officer. The content and methods of the Advanced Course comprise the minimum curriculum that an individual must complete in order to be commissioned.

Classes consist of:

- MSC 3001 - Tactical Leadership. Credits: 3
 MSC 3002 - Applied Leadership. Credits: 4
 MSC 3003 - ROTC Advanced Camp. Credits: 6
 MSC 4001 - Developmental Leadership. Credits: 3
 MSC 4002 - Adaptive Leadership. Credits: 3
 MSC 4100 - Trends and Issues of Commissioned Service. Credits: 1
 MSC 4400 - Independent Study in Military Science. Credits: 1 to 3

Enrollment Requirements**For the Basic Course**

U.S. citizen; at least 17 years of age; physically fit; of good moral character; ability to complete program prior to reaching 28 years of age (may be waived).

For the Advanced Course

Completion of, or credit for, Basic course; at least two years of academic study remaining; sign a contract to serve as a commissioned officer in the Active Army, Army Reserves, or National Guard if offered, for a prescribed period; approval of the Chair of the Military Science Department.

Benefits of the Program

- Leadership Development
- Adventure Training
- Opportunity to compete for full tuition scholarships
- Opportunity for full room and board
- Opportunity to pay for books and all mandatory fees
- Juniors' make \$450 and Seniors' make \$500 per month subsistence while enrolled in the Advanced course
- Pay and travel reimbursement for summer camp attendance
- Commission in the United States Army, if offered.
- Student can contract with our program once he/she obtains 54 credit hours. Those freshmen and sophomores with a 2.5 cumulative GPA can apply for scholarships through the Military Science Scholarship Officers at 217-581-5944 or on the website www.eiu.edu/~armyrotc.
- High School seniors can apply for four-year Federal Scholarships by contacting: <http://schlr4yr.usarmyrotc.com/rotc/schlr4yr/index.html>.
- Sophomore students with a 2.5 cumulative GPA can apply for a Leadership Internship offered each summer with no contractual obligation.

Additional Opportunities

Under the Simultaneous Membership Program (SMP), enlisted members of the Army Reserve or Army National Guard may enroll in the Advanced course and continue to train with their unit.

Opportunities in Airborne, Air Assault and/or other types of Adventure training are available for qualified volunteers.

On-campus opportunities are available with the Leadership Excellence Club, Ranger Challenge Team, Pershing Rifles Drill and Ceremony Team and intramural competition.

Military Science Minor

Total Hours: 17

- HIS 3920 - Military History of the United States. Credits: 3
- MSC 3001 – Tactical Leadership. Credits: 3
- MSC 3002 – Applied Leadership. Credits: 4
- MSC 4001 – Developmental Leadership. Credits: 3
- MSC 4002 – Adaptive Leadership. Credits: 3
- MSC 4100 - Trends and Issues of Commissioned Service. Credits: 1

COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES

Diane Jackman, *Dean*

Douglas J. Bower, *Associate Dean*

Tom Grissom, *Assistant to the Dean for Academic Computing*

Peggy Brown, *Assistant to the Dean*

Bonnie Wilson, *Assistant to the Dean*

General Mission

The College of Education and Professional Studies is committed to the preparation of professionals in the design and implementation of programs that advance intellectual, physical, psychological, and social well-being. These professionals are to be competent practitioners who are well grounded in research and theory. The College promotes the tradition of teaching and extends to the region and beyond by producing culturally literate and technologically sophisticated teachers, counselors, administrators, coaches, trainers, directors, and therapists.

The professional education units offer degrees and certification in early childhood education, elementary and middle level education, special education, secondary education, health education, physical education, guidance and counseling, and school administration. In addition, non-teaching professional units offer excellent programs in community

counseling, community health, safety/driver education, recreation administration, therapeutic recreation, and athletic training. While educating excellent entry-level personnel in undergraduate programs, the College prepares those in its graduate programs for distinguished leadership in meeting future challenges in various institutions. It also serves as an effective center of cultural and educational opportunity, maintaining partnerships with schools, hospitals, business and industry, and other recreational and social agencies.

A strong commitment to quality programs in the College of Education and Professional Studies is demonstrated by a highly qualified and dedicated faculty; a clinically intensive, contemporary curriculum; and recognition by appropriate accrediting and certifying agencies, including the National Council for Accreditation of Teacher Education and the Illinois State Teacher Certification Board.

Admission Requirements

Requirements for admission into teacher preparation programs are listed in this catalog in the section on teacher certification programs. Requirements for admission to graduate programs are given in the Graduate Catalog.

Faculty in the College of Education and Professional Studies**Counseling and Student Development (217.581.2400)**

Richard Roberts, *Chairperson*

Conn, S.; Eberly, C.; Farber, N.K.; Larson, H.; Leitschuh, G.; Nganga, R.; Powell, B.; Wallace, J.A.; Yoder, A.

NOTE: There is no undergraduate program in Counseling and Student Development. For graduate program description, see the Graduate Catalog.

Early Childhood, Elementary and Middle Level Education

(217.581.5728)

Joy Russell, *Chairperson*

Barbour, J.; Barford, J.; Bennett, T.; Carpenter, J.; Carter, D.; Croy, T.; Dale, C.; Fero, M.; Flood, A.; Harden, J.; Lockart, G.; Loy, L.; Padmaraju, K.; Pearson, M.; Reven, L.; Reid, D.; Schroeder, L.; Shepherd, G.; Yunus, S.

Educational Administration (217.581.2919)

Linda Morford, *Chairperson*

Bartz, D.; Berg, R.; Dively, J.; Findley, B.; Lucas, S.; Osborne, N.

Health Studies (217.581.5761)

Robert Bates, *Chairperson*

Cavanaugh, R.; Dietz, J.; McCausland, J.; Phillips, K.; Ray, O.; Segoe, A.; Simons, S.; Walker, B.

Kinesiology & Sports Studies (Physical Education) (217.581.2215)

Jill Owen, *Chairperson*

Ankenbrand, L.; Black, J.; Church, M.; Crawford, S.; Croisant, P.; Emmett, J.; Fischer, R.; Fontana, F.; Gladu, J.; Hess, J.; Hussey, K.A.; Hussey, K.G.; Kattenbraker, M.; Landeck, J.; Lenzi, D.; Little, G.; McFarland, J.; McInerney, J.; Oliver, J.; Owen, J.; Price, L.; Pritschet, B.; Redden, M.; Ruholl, S.; Schuette, S.; Walker, B.; Willardson, J.; Wolf, D.

Recreation Administration (217.581.3018)

William Higelmire, *Chairperson*

Holmes-Layman, P.; Mulvaney, M.; Pommier, J. H.; Wooten, M.

Secondary Education and Foundations (217.581.5931)

Patricia Fewell, *Chairperson*

Albear, G.; Barker, D.; Becker, B.; Edwards, A.; Freking, T.; Gong, R.; Johnston, S.; Ogawa, M.; Paulson, D.; VanGunten, D.; Warner, C.

Special Education (217.581.5315)

Kathlene Shank, *Chairperson*

Cook, R.; Fogarty, R.; Hooser, C.; Jones, M.; Kirby, L.; Li, M.; Mullins, F.; Russell, J.; Sinclair, T.

Student Teaching (217.581.2620)

Patricia Poulter, *Chairperson*

Barnett, B.; Briggs, J.; Broniecki, D.; Bush, J.; Carli, N.; Duke, G.; Edwards, L.; Fischer, W.; Hargis, M.; Hubbart, C.; Lange, D.; Lowery, S.; Martino, A.; McCowan, A.; McFarland, D.; McFarland, G.; Mullins, T.; Olsen, M.; Rogers, P.; Stimac, D.; Williams, E.

Teacher Certification Programs

The following information is intended to serve as a general guide for students wishing to qualify for an Illinois teaching certificate. While all of Eastern Illinois University's teacher education programs are approved by the Illinois State Board of Education, only the state can issue teaching certificates. Effective July 2004 the requirements by which these certificates are awarded was changed and students must meet the new requirements as set forth by the Illinois State Board of Education. More detailed information is available through the College of Education and Professional Studies.

Certificates Available

The State of Illinois currently issues a range of teaching certificates, all of which are available through various programs offered by Eastern. They are listed in the following table by name, type, and grade level:

- Early Childhood Certificate (Birth through Grade 3)
- Elementary Certificate (Kindergarten through Grade 9*)
- High School Certificate (Grade 6 through Grade 12*)
- Special Certificate (Kindergarten through Grade 12)

* Individuals wishing to teach in grades 6-8 are required to take specific course work relative to teaching in the middle grades.

Early Childhood and Elementary Certificates

Students interested in an Early Childhood certificate should major in Early Childhood Education. Early Childhood majors may add Elementary Education certification. For Elementary certification, students should pursue a major in Elementary Education as outlined in this section. Options available in the Elementary Education major are Middle School and General. Each of these options serves a different purpose, and students are urged to consult the Department of Early Childhood, Elementary and Middle Level Education for additional information.

High School Certificates

The route to a high school certificate is through one of the academic majors with teacher certification. Please refer to the College of Education and Professional Studies teacher education web site (www.eiu.edu/ceps/teached) for a listing of majors with teacher certification. Additional course work is required for students wishing to teach in grades 6-8.

Special Certificates

Special certificates, valid for teaching from kindergarten through grade 12, are available in the following fields: Art, Foreign Language, Music, Physical Education, and Special Education.

Minors

Individuals wishing to pursue a minor may select from those outlined in the catalog. Teacher certification minors are designed to help prepare individuals seeking certification in a second teaching area and are only available to those who are completing a major in an approved teacher preparation program of the same certificate type. Completion of a teacher certification minor does not guarantee that the individual will be granted an endorsement to teach in that field. Individuals must meet all requirements (including state tests) as set forth by the Illinois State Board of Education to be granted an endorsement in a second teaching field. Minors not so identified are considered "non-teaching" minors and, in most cases, do not meet Illinois state teaching requirements.

Note: A student entering Fall 2002 and thereafter must earn a 2.65 GPA in a teaching minor.

Requirements

Since not all requirements are listed in the same place, students should take note that they must satisfy all of the following:

- University General Education Requirements
- Major Requirements. (See appropriate major.)
- Professional Education Requirements. (See below.)
- Requirements for Admission to Teacher Education. (See below.)
- Graduation Requirements

*In order to graduate from a teacher certification program, you must complete the approved certification program and graduation requirements with a 2.65 cumulative and major GPA and complete all professional education courses with a grade of "C" or better. **Note:** Some majors require a higher GPA; please consult departmental requirements.

Professional Education Requirements

For individuals seeking certificates in Early Childhood, Elementary Education, or Special Education, the Professional Education requirements are included as a part of the respective major and are outlined elsewhere in this section.

Individuals seeking a High School certificate, or a Special Certificate in Art, Foreign Language, Music or Physical Education must complete the following Professional Education requirements. Two professional components are listed. Students may choose either the "Regular Program" or the "Integrated Program" but cannot mix the two. Students must earn a grade of "C" or better in all professional education courses in order to graduate from a teacher certification program.

Regular Program Courses (Total 34-37 Hours)

Departmental Methods Credits: 3-9

- EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
- EDF 4450 - Philosophy and History of Education. Credits: 3
- EDP 3331 - Theories of Learning and Development for Secondary Teachers. Credits: 3
- SED 2000 - Inquiry Into Teaching. Credits: 1
(Exceptions to this course are in Music, Physical Education, and Career and Technical Education.)
- SED 3330 - Instructional Tasks in the Secondary School. Credits: 3
- SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3
(The exception to this course is in physical education.)
- STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
- STG 4001 - Student Teaching. Credits: 12-16
(Register for 14 semester hours.)

Recommended Courses

The following courses are highly recommended to assure standards are met and may be required in your major (consult with advisor or your major listing):

- EDU 2022 - Teaching and Learning with Technology in Classrooms. Credits: 2
- EDU 4281 - Teaching Reading and Language Arts in Secondary Classrooms. Credits: 3
- HST 3000 - Health Concepts for Teachers Credits: 2
- MLE 4280 - Teaching Reading in the Middle/Secondary School. Credits: 3
- PED 3000 - Fitness Concepts for Teachers. Credits: 1

Integrated Secondary Education Program (ISEP) (Formerly ASEP)

ISEP is an integrated, competency-based program emphasizing early exposure to the public high school classroom. Instruction is flexible with specific learning modules and a Credit/No Credit grading system. Some classes may be held in the public schools; car-pooling can be arranged. Admission is by application only.

For further information concerning either the Regular or Integrated program, contact the Department of Secondary Education and Foundations or visit the department's web site.

ISEP Program Courses (Total 28-31 Hours)

Departmental Methods Credits: 3-9

- EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
- SED 2000 - Inquiry Into Teaching. Credits: 1
Exceptions to this course are in Communication Disorders and Sciences, Music, Physical Education, and Career and Technical Education.
A clinical experience fee is charged for this course.
- SED 3000 - ISEP Level I. Credits: 3
Courses must be taken in sequence but not necessarily in consecutive semesters.
- SED 3100 - ISEP Level II. Credits: 3
Courses must be taken in sequence but not necessarily in consecutive semesters.
- SED 4000 - ISEP Level III. Credits: 3
(A technology-delivered course.)
- STG 4001 - Student Teaching. Credits: 12-16
(Register for 12 semester hours.)

Recommended Courses

The following courses are highly recommended to assure standards are met and may be required in your major (consult with advisor or your major listing):

- EDU 2022 - Teaching and Learning with Technology in Classrooms. Credits: 2
- EDU 4281 - Teaching Reading and Language Arts in Secondary Classrooms. Credits: 3
- HST 3000 - Health Concepts for Teachers Credits: 2
- MLE 4280 - Teaching Reading in the Middle/Secondary School. Credits: 3
- PED 3000 - Fitness Concepts for Teachers. Credits: 1

Alternative Teacher Certification Program

The Alternative Teacher Certification Program is designed to prepare individuals to teach in severe shortage areas and provides an intensive course of study in educational foundations, pedagogy, and methodology, followed by a year-long internship during which students are hired and paid as first-year teachers. Specifically, students enroll in a web-based course in May, then in a full-time schedule of courses during the eight-week summer session. After successfully completing the summer course work, students complete an internship during which they are hired as full-time teachers for the entire academic year. The program culminates in a two-week comprehensive program assessment course that students take in the summer following their internship. The program is limited to students seeking either a K-12 teaching certificate in foreign languages or a secondary teaching certificate in one of following five subject-matter areas: math, science, family and consumer science education, business education, and technology education.

Candidates for this program must meet admission requirements that differ somewhat from other post-baccalaureate certification programs. Prerequisites include having completed a bachelor's degree (GPA 2.65 or higher on a 4.0 scale) and a major or minor in the intended area of certification, having been employed for a period of at least five years in an area requiring application of the individual's education, having passed the Illinois Basic Skills test and applicable subject-matter test, and having secured a commitment from a school district to be hired (and paid as a full-time teacher) for the internship. Interested students should contact the Coordinator of Web-Based and Alternative Teacher Certification Programs for specific requirements and additional program details.

Illinois Certification Tests

The State of Illinois has established a testing program as part of its teacher certification program. This program consists of a test of basic skills, subject-matter knowledge tests, and an assessment of professional teaching.

The Basic Skills Test measures basic skills in reading, writing, grammar, and mathematics. Students are required to pass this test for selection. Under Illinois law, no student may be admitted to a teacher education program without first passing the Basic Skills Test.

Students are required to pass the content-area test in their discipline(s) no later than the end of the semester prior to student teaching. Furthermore, students must pass the content-area test in all other fields for which they are seeking an endorsement (in addition to hour requirements). Tests for additional endorsements do not need to be passed prior to student teaching, but must be passed prior to program completion.

The Assessment of Professional Teaching is a test over the Illinois Professional Teaching Standards and all teacher standards in English/Language Arts and Technology. This test must be passed before a student can be awarded a certificate by the State of Illinois.

Application for Teaching Certificates

Students should begin the process of applying for their teaching certificates early in the term in which they will graduate or complete all requirements. Forms and instructions will be distributed by the Student Teaching Coordinators.

Admission to Teacher Education**Selection Process for Undergraduate Teacher Education Programs**

All students (including native, transfer and post-baccalaureate students) who wish to enroll in an initial certification program must be selected through the Selection Process for Undergraduate Teacher Education Programs.

To be selected a student must:

1. submit a formal application for University Admission to Teacher Education,
2. complete 29 s.h. or more of college level course work,
3. obtain and document passing scores on the Illinois Test of Basic Skills, and
4. establish a minimum cumulative GPA of 2.65 or higher.

Selection occurs at the close of each semester. Transfer students may use a transfer GPA for the purpose of selection if they complete items 1-3 above no later than 30 days after initial enrollment at EIU. Post-baccalaureate teacher education candidates must have a cumulative undergraduate GPA of 2.65 on a 4.0 scale at the point of graduation with the bachelor's degree from an accredited institution. The undergraduate GPA will be used for selection for post-baccalaureate candidates. A post-baccalaureate student may use the graduate GPA for purposes of selection if the student has successfully completed a master's degree program. (The student has the responsibility of notifying the dean's office and furnishing evidence of the graduate GPA.)

University Approval to Take Teacher Education Courses

Approval to take courses does not of itself admit a student to a teacher education program. A student may not be considered for "University Approval to Take Teacher Education Courses" without being selected (see section on Selection Process above). The University Council on Teacher Education determines admission.

Applicants for University Approval to take Teacher Education Courses should be aware that Section 21-1 of the School Code of Illinois states in part, "No one shall be certified to teach or supervise at the public schools of the State of Illinois who is not of good character, good health and at least 19 years of age." In addition to the qualifications required for teacher certification by the State Code, the following are required by the Council on Teacher Education for University Approval to Take Teacher Education Courses:

1. Received official notification of selection (see Selection Process section above).
2. Submitted letter of intent to Office of the Dean, College of Education and Professional Studies.
3. Established and maintained an EIU cumulative undergraduate GPA of 2.65/4.0 (Post-baccalaureate students required to have GPA 2.65 undergraduate, and 3.0 for courses #4750 and above taken at EIU). Students selected under the selection process in place prior to Fall 2002 are required to establish and maintain an EIU cumulative undergraduate GPA of 2.5/4.0.
4. Completed Speech and Hearing Clearance. Student must schedule an appointment with the Speech, Language, and Hearing Clinic for this.
5. Documented "C" or better in ENG 1001G, ENG 1002G, and SPC 1310G or their equivalents.
6. Documented "C" or better in 3 s.h. of college level math.
7. Documented "C" or better in ELE/MLE 2000 or ELE 2321; SPE 3201 or SPE 3220; SED 2000 or PED 2000 or MUS 2440 or CDS 3700 or CTE 2000.
8. Completed the first required Criminal Background Investigation (CBI).
9. Documented successful completion of the Technology Proficiency.

When a student has met all of the above criteria, he/she will have earned "University Approval to Take Teacher Education Courses."

Formal University Admission to Teacher Education Programs

To be formally admitted to Teacher Education Programs, students must be selected, have earned University Approval to Take Teacher Education Courses and successfully complete SED 3330/EDP 3331 or SED 3100 or ELE 3000 or ELE 3250 or MLE 3110 or SPE 4800/4820 with a grade of "C" or better and earn positive practicum evaluations, thus demonstrating the knowledge, skills and dispositions of one desiring to enter the teaching profession. Students selected under the selection process in place prior to Fall 2002 must also pass the Illinois Certification Test of Basic Skills.

Criminal Background Investigations

All teacher certification candidates are required to submit to a criminal background investigation at two points in their academic career: upon selection and prior to student teaching. The criminal background investigations are conducted by the Illinois State Police and are coordinated by the Department of Human Resources and the College of Education and Professional Studies. The University passes along the cost of these background investigations to students.

Education Scholars Program

Incoming freshman students who have demonstrated excellent scholarship as measured by ACT scores and high school class rank may be eligible to be admitted to the Education Scholars Program in the College of Education and Professional Studies.

Community college transfer students who have demonstrated excellent scholarship at the community college as measured by GPA and involvement in co-curricular and extra-curricular activities may also be eligible for admission to the Education Scholars Program.

Students admitted to the program will receive:

- A letter from the Dean of the College of Education and Professional Studies and certificate verifying membership in the Education Scholars Program.
- An invitation to "special" University Admission to Teacher Education meetings and other recognition activities.
- Special opportunities for interaction with faculty and other Education Scholars.

Students must remain in good academic standing and continue to meet teacher education requirements to remain in the Education Scholars Program.

For information about the Education Scholars Program, contact the College of Education and Professional Studies or the Admissions Office, or visit the College of Education and Professional Studies teacher education web site at <http://www.eiu.edu/~ceps/teached>.

**Application of Teacher Education Criteria to Other Programs
BA in General Studies Program**

Students pursuing a BA in General Studies degree are not eligible for teacher certification as undergraduates. Those students wishing to pursue teacher certification must either complete a degree in one of the University's approved teacher education programs or complete the BA in General Studies degree and then seek admission to one of the approved teacher education programs as post-baccalaureate students.

Post-Baccalaureate Students**(Including those currently holding an Illinois Teaching Certificate wishing to add a subsequent teaching certificate)**

All Post-baccalaureate students seeking a teaching certificate (including those seeking a subsequent teaching certificate) through any of EIU's state approved certification programs are expected to meet the full intent of the respective programs. All previous course work, either graduate or undergraduate, will be evaluated in terms of current requirements. This will include general education, a major, and the professional education requirements. Post-baccalaureate students must complete a minimum of 15 semester hours at EIU prior to student teaching. Individuals currently holding an Illinois Teaching Certificate and seeking to add a subsequent teaching certificate may request to substitute one year of documented, successful, full-time teaching on a valid teaching certificate for Student Teaching.

Departments may require additional course work within their major to bring the student's background into compliance with the intent of this institution's state-approved certification program. Departments may also require previous work to be repeated if it is outdated. Post-baccalaureate students are subject to all Admission to Teacher Education requirements (see previous section).

Individuals who enter the University as post-baccalaureate students must have completed an undergraduate degree program at an accredited institution of higher education and graduated with a cumulative GPA of at least 2.65 or higher on a 4.0 scale. A post-baccalaureate student's undergraduate GPA will be used for the purpose of selection.

If the student's undergraduate GPA in the area of the approved program he/she wishes to follow was below a 2.65 (on a four point scale), 12 semester hours must be taken in the major to establish a grade-point average in the major of at least 2.65 or better. (Higher GPAs may be required by some departments.)

Appeal Process for Selection GPA for Post-Baccalaureate Students

A post-baccalaureate student may use the graduate GPA for purposes of selection if the student has successfully completed a master's degree program. (The student has the responsibility of notifying the dean's office and furnishing evidence of the graduate GPA.)

Post-baccalaureate students may appeal the use of the undergraduate GPA to the Executive Officer of the Council on Teacher Education (the Dean of the College of Education and Professional Studies) and request the use of an alternative GPA for purposes of the selection if the student:

Completed the baccalaureate degree five years ago or more and has evidence of 12 semester hours of post-baccalaureate course work relevant to teaching certification at a 3.0 GPA level or above.

The student is encouraged to appeal early in the semester in which the 12 semester hours will be completed.

The appeals decisions of the Executive Officer of the Council on Teacher Education are final.

Post-baccalaureate certification requires a commitment of a minimum of three or more semesters. Professional education course work and student teaching for some programs are sequenced over four semesters. For most students, the program takes about two years to complete. Not all courses are offered every semester and summer offerings may be limited. In order to be ready to register for classes, a student must have a completed transcript evaluation specifying all courses needed to earn certification. All students must complete General Education, Professional Education, and major department requirements for initial certification. All students considering this program should contact the Office of the Dean, College of Education and Professional Studies. There are fees related to this professional certification transcript evaluation process.

Admission to the Graduate School does NOT constitute Admission to Teacher Education. Students should apply for Admission to Teacher Education within the first thirty days of enrollment as a post-baccalaureate student. Application for student teaching placement is a separate process. Please follow the instructions for student teaching placement as outlined in this catalog.

Revocation of Admission to Teacher Education

Under certain conditions admission to teacher education may be revoked by the Council on Teacher Education. Major causes of revocation are explained at the scheduled admissions meeting.

Student Teaching

To be eligible for a student teaching assignment, a student must attain 90 semester hours or more toward graduation and must have complied with all regulations and qualifications relative to "University Approval to take Teacher Education Courses" and "University Approval to Student Teach." Students must register for Student Teaching 4001 through EIU to qualify for graduation. Registration and fees are required as with other regular course work. Students are assigned to student teach in public schools in one of the student teaching centers located throughout the state. Assignments are made by the Student Teaching Coordinators. The public school cooperating teacher to whom each student is assigned holds licensure consistent with the licensure the student teacher is seeking and the setting and subject area assignment are appropriate to the license. Students engaged in student teaching are limited to a total academic load of 15 semester hours (except in Special Education, Early Childhood Education, and Early Childhood Education with dual certification in Elementary Education) and the number of hours of outside work permitted is restricted.

Individuals who hold a valid teaching license, have student taught previously in completion of an approved teacher education program, and document one year or more successful teaching experience as the teacher responsible for delivering the Special Education components of the individualized educational program, may substitute completion of 6 s.h. of Special Education course work specific to instructional strategies for the student teaching experience. This course work must result in successful completion of supervised, evaluated practica.

A full semester (15 or 16 weeks) of assigned student teaching/professional experience is required of all students seeking initial licensure. Students should consult the Professional Education Requirements for Teacher Certification Programs and individual course listings for specific information.

Application Process

Every student planning to student teach must attend the Application to Student Teaching Meeting (announced by Student Teaching) during the Fall semester preceding the academic year in which the student plans to

student teach. For example, a student who plans to student teach during the 2008-2009 academic year must attend the meeting in Fall 2007. At this meeting students will learn of the procedures they must follow in order to student teach and receive an application package. All application materials received at that meeting must be completed and turned in to Student Teaching by the announced deadline date. Failure to attend a meeting to apply to student teach or failure to complete the application materials by the deadline will result in a minimum of a one-year delay in student teaching.

Placement Centers

All student teaching at Eastern is completed in approved sites only. Student Teaching Coordinators make placements, supervise and evaluate student teachers in collaboration with the public school cooperating teacher in the local schools. Students must student teach in an approved site. Students cannot student teach in districts where they attended school or in districts in which relatives are employed or where there is a significant conflict of interest. Students cannot be employed in the district in which they are student teaching. The University retains the right to determine student teaching placement(s).

Many school districts (especially those in the Chicago area) have additional criteria and standards for those who wish to student teach. Placement in the Chicago area is very competitive.

Prerequisites and Requirements for Student Teaching

1. Course Prerequisites:

- a) Early Childhood Education Curriculum. Students must have completed Elementary Education 4880 and all prerequisites and co-requisites to it.
- b) Elementary Education School Curriculum. Students must have completed Elementary Education 4880 and all prerequisites and co-requisites to it.
- c) Special Education Curriculum. To student teach in Special Education, students must have completed Special Education 4900 and 4901, and all prerequisites to them.
- d) Middle Level Education Curriculum. Students must have completed Middle Level Education 3110 and 4280 or an approved substitute and all prerequisites and co-requisites to them. Equivalent courses submitted must be approved by the Dean, College of Education and Professional Studies.
- e) Secondary and Special Area Curricula. Students must have completed Educational Psychology 3331 and Secondary Education 3330, and all required departmental methods courses and all course prerequisites to those noted.
- f) Integrated Secondary Education Program. Students in the Integrated Secondary Education Program must follow the same procedures as all other students when applying for a student teaching assignment. Students in the Integrated Secondary Education Program register for Secondary Education 4000 and STG 4001. Secondary Education 3000 and 3100 are prerequisites.

2. Students must complete courses in the major with a minimum of a 2.65 GPA and a 2.65 cumulative GPA. (NOTE: Some majors require a higher GPA; please consult departmental requirements.) Students who were selected under the selection process in place prior to Fall 2002 are required to complete courses in the major with a minimum of a 2.50, and a 2.50 cumulative GPA. (NOTE: Some majors require a higher GPA; please consult departmental requirements.)
3. Transfer students must have been in residence at EIU for at least one semester or one summer term.
4. A PPD tuberculin test must be completed and documentation provided to University Health Services within 90 days of the beginning of student teaching.
5. A Criminal Background Investigation must be completed during the semester prior to student teaching.
6. Students will complete a sequence of supervised and evaluated pre-student teaching clinical experiences before the student teaching semester.
7. Effective Fall 2004 student teaching may not commence until passing scores on the Illinois Content Area Test have been earned and documented.

Granting of Credit for the Student Teaching Experience

Student Teaching 4001 is a credit or no-credit course. A credit will be earned only if the candidate does each of the following:

1. Successfully completes the student teaching experience (successful completion is determined by the judgment of the University coordinator in consultation with the cooperating teacher);
2. Completes all departmental requirements which may apply.

Criminal Background Investigations

All teacher licensure candidates are required to submit to a criminal background investigation the semester prior to student teaching. The criminal background investigations are conducted by the Illinois State Police and are coordinated by the EIU Department of Human Resources and the College of Education and Professional Studies. The University passes along the cost of these background investigations to students.

University Approval to Student Teach

Approval to Student Teach is a multiple-step process, including earning "Departmental Approval to Student Teach." The Office of the Dean of the College of Education and Professional Studies will send the applying student's name to the major department for Departmental Approval to Student Teach. Students must complete courses in the major with a minimum of a 2.65 GPA and a 2.65 cumulative GPA. (NOTE: Some majors require a higher GPA; please consult departmental requirements.) Students who were selected under the selection process in place prior to Fall 2002 are required to complete courses in the major with a minimum of a 2.50, and a 2.50 cumulative GPA. (NOTE: Some majors require a higher GPA; please consult departmental requirements.) In addition, students must document passage of Illinois Certification content-area test in their discipline(s) no later than the end of the semester prior to student teaching.

Every student planning to student teach must formally apply at an Application to Student Teach Meeting (announced by the Office of Student Teaching). These meetings are held during the Fall semester preceding the academic year in which the student plans to student teach. All application materials received at that meeting must be completed and turned in to the Office of Student Teaching, 2418 Buzzard Hall, by the announced deadline date. Failure to attend a meeting to apply to student teach or failure to complete the application materials by the deadline will result in a minimum of a one-year delay in student teaching.

Students must have received conditional "University Approval to Student Teach," including department approval, no later than mid-term of the semester prior to student teaching, with final approval granted at the close of the semester. A student who is refused "University Approval to Student Teach" or whose approval is revoked may appeal the decision to the Council on Teacher Education. The decision of the committee is final. Appeal forms may be secured in the office of the Dean, College of Education and Professional Studies.

Departmental Approval to Student Teach

After a student has applied to student teach s/he must contact his/her own major department and submit an application to that department for "Departmental Approval to Student Teach." "Departmental Approval to Student Teach" is the responsibility of the candidate's major department and must include the following:

1. Completion of courses in the major with a minimum of a 2.65 GPA and a 2.65 cumulative GPA. (NOTE: Some majors require a higher average in the major; please consult departmental requirements.) Students who were selected under the selection process in place prior to Fall 2002 are required to complete courses in the major with a minimum of a 2.50, and a 2.50 cumulative GPA.
2. A grade of C or better in each professional education course completed.
3. Evidence of recent participation in professional organizations, meetings, and /or appropriate activities with youth.
4. A portfolio submitted by the student to the department which includes: lesson plans, unit plans, and evidence of group work, communication skills, and ability to work well with youth (including #3 above), and a résumé.
5. Other criteria as determined by the student's major department. Department criteria are available in the Department Office.
6. Complete the second required Criminal Background Investigation.

Students must have received "University Approval to Student Teach," including department approval, no later than mid-term of the semester prior to student teaching (on or before October 15 for Spring student teaching; or on or before March 15 for Fall student teaching). A student who is refused "University Approval to Student Teach," or whose approval is revoked may appeal the decision to the Council on Teacher Education. The decision of the Council is final. Appeal forms may be secured from the Office of the Dean, College of Education and Professional Studies.

Pre-Placement Meeting

The first step in the placement process is a required meeting between the student and the prospective Student Teaching Coordinator who will be making placement arrangements. At this meeting the student and Coordinator will discuss the issues related to placement. Students must know any and all departmental placement requirements prior to meeting with the Student Teaching Coordinator and must have applied for graduation.

Registration

Student teachers must be registered for credit during the student teaching semester. Each student is responsible for registering for the section of STG 4001 (Student Teaching) appropriate for the major:

- Special Education should register for STG 4001, Section 016 (16 sem. hrs.).
- Early Childhood Education majors and Early Childhood Education majors with dual certification in Elementary Education should register for STG 4001, Section 016 (16 sem. hrs.).
- ISEP students should register for SED 4000 (3 sem. hrs.) and STG 4001, Section 012 (12 sem. hrs.).
- All other majors should register for STG 4001, Section 014 (14 sem. hrs.).
- SED 4000 - ISEP Level III. Credits: 3
(A technology-delivered course)
- STG 4001 - Student Teaching. Credits: 12-16

Responsibilities During Student Teaching

Students have a wide variety of responsibilities during student teaching. These responsibilities may extend well beyond the time when students go home at the end of the day. Student teachers should be prepared to attend school-related activities as determined to be appropriate in consultation with the cooperating teacher.

1. Students enrolled in student teaching must assume all necessary transportation and living expenses.
2. Students enrolled in student teaching are encouraged to live in the community in which they do their teaching and are expected to follow the local school calendar.
3. Student teachers are expected to follow the same schedule as their Cooperating teacher(s). Student teachers will be prepared to engage in school-related activities as determined appropriate in consultation with their cooperating teachers.
4. Students engaged in student teaching are expected to participate in all activities with their Cooperating teacher(s). This may include extracurricular activities as guidance programs of the school, audio-visual programs, after-school programs, study hall supervision, preparation of assembly programs, field trips, dramatics, attendance at P.T.O. meetings, faculty meetings, and generally participate as faculty members in all of the activities of the school and community.
5. Students who are absent from school (except for student teaching seminars and approved meetings) are expected to complete additional days to make up the days missed.
6. Attendance is expected at a series of seminars related to student teaching. Seminars will be planned and implemented by the Student Teaching Coordinators.

Course Work During Student Teaching Semester

Taking additional course during student teaching is generally not allowed. Students who wish to take another course during the student teaching semester must be granted a waiver from the Academic Waiver Appeals Committee (AWAC). If course work interferes with the student teaching experience students will be required to drop the course or student teaching.

Outside Activities/Employment During the Student Teaching Semester

If a student's activities or work schedule interferes with student teaching, the student will be requested to make changes in those activities or work schedule so they do not interfere with student teaching.

Termination of Student Teaching Placement

Students are guests of the host school district. A School district and/or the University retains the right to terminate a student teaching placement. A subsequent conference to examine options will be held with the student and the Student Teaching Coordinator and/or Student Teaching Chair, with input from the major department as needed or appropriate.

STG 4000

ALL teacher licensure majors (including Post Baccalaureate students) MUST take STG 4000 (except for ISEP students who complete the

multicultural requirements within the course modules). This class is designed to provide experiences with school populations in multicultural settings and students with disabilities. Some students may wish to take STG 4000 during the student teaching semester. Options for STG 4000.

1. A student may take STG 4000 scheduled during Intersession. All students are waitlisted for this option, with priority given to students who will student teach in the Fall semester, and whose placement is not an approved multicultural site.
2. A student may be placed in an approved multicultural site during student teaching and complete a packet of activities. Some regions have limited multicultural placement opportunities. Students who wish to complete this option must discuss this option with their coordinators during the pre-placement meeting.
3. A student who is student teaching in non-approved sites may complete the course by participating for an additional 25 contact hours in an approved multicultural site. A student in a non-approved site will work with his/her student teaching coordinator to complete the 25 hours in an approved site during the student teaching semester.

Overseas Student Teaching

EIU is a member of the Consortium for Overseas Student Teaching (COST), a group of state and private universities committed to quality overseas student teaching experiences. Under the agency of this organization, Eastern offers qualified students an opportunity to do their student teaching abroad. Placements for overseas student teaching are made in selected schools in Australia, Ecuador, England, Germany, Ireland, Netherlands, New Zealand, Malaysia, Scotland and Wales. Interested individuals should contact the COST Coordinator, Department of Student Teaching, 2418 Buzzard Hall, for further information. Availability of sites is dependent upon Content Area.

Application for Teaching Licensure

Students should begin the process of applying for their teaching license early in the term in which they will graduate or complete all requirements. Forms and instructions will be distributed through student teaching coordinators during the student teaching semester. Students should see the earlier section for information about the Illinois Certification Tests.

Application for Graduation

Students should apply for graduation a minimum of one semester prior to student teaching. Please contact your College Graduation Officer for more information.

Programs in the College of Education and Professional Studies

ADULT EDUCATION MINOR

Adult Education Minor

Total Semester Hours: 19

Required Courses - Total Semester Hours: 10

- EDF 4750 - Introduction to Adult Education. Credits: 3
- SED 4751 - Strategies of Adult Instruction. Credits: 3
- SED 4850 - Seminar and Field Experiences in Adult Education. Credits: 4

And 9 Semester Hours Chosen from the Following

- CSD 5100 Counseling the Mature and Aged Person. Credits: 3
(for eligible students)
See Graduate Catalog for course description.
- EDA 5420 School-Community Relations. Credits: 2
See Graduate Catalog for course description.

- COS 4800 - Strategies and Processes of Teaching and Training. Credits: 3
- COS 4810 - Principles of Career Development. Credits: 3
- CTE 3000 - Consumers in the Marketplace. Credits: 3
- OR FCS 3300
- EDP 4770 - Facilitation Interpersonal Relationships. Credits: 3
- FCS 3300 - Consumer Education. Credits: 3
- OR CTE 3000
- FCS 4846 - Aging and the Family. Credits: 3
- INT 1413 - Technological Systems. Credits: 3

MLE 4280 - Teaching Reading in the Middle/Secondary School. Credits: 3
 PSY 3525 - Psychology of Maturity and Old Age. Credits: 3
 REC 2250 - Principles of Therapeutic Recreation Credits: 3
 REC 4830 - Administration of Leisure Services. Credits: 3

EARLY CHILDHOOD, ELEMENTARY, AND MIDDLE LEVEL EDUCATION

EARLY CHILDHOOD EDUCATION

B.S. in Education in Early Childhood Education

Two distinct options are offered through the Early Childhood Education Curriculum: Child and Family Studies and Special Education. Both lead to an Early Childhood (birth through grade 3) Certificate. Individuals with an Early Childhood major may achieve an Early Childhood Special Education Letter of Approval on the State of Illinois Early Childhood certificate by successful completion of the Special Education course work (see below).

This major requires that all students (including native, dual majors, transfer students from community colleges or senior institutions, internal transfers, and post-baccalaureate) follow and meet the requirements for Admission, Retention and Graduation from Teacher Certification programs as described in the "Teacher Certification Programs" section of this catalog and as explained at the University Admission to Teacher Education Meeting which all students must attend. Additional information on Admission, Retention and Graduation for Teacher Certification programs can be found on the College of Education & Professional Studies website at www.eiu.edu/ceps/teached.

All students must pass the Illinois Certification Test of Basic Skills for selection into teacher education and should complete this requirement no later than their sophomore year.

Students must receive a "C" or better in all professional education courses and maintain a minimum cumulative and major GPA of 2.65 in order to continue in the program.

Departmental Requirements (in addition to University General Education Requirements)

Some courses may also count toward University general education requirements. Consult with Departmental Advisor.

HIS 3600G - The U.S. Constitution and the Nation. Credits: 3

or

PLS 1153G - American Government and Constitution. Credits: 3

AND

HIS 2010G - History of the United States to 1877. Credits: 3

or

HIS 2020G - History of the United States Since 1877. Credits: 3

12 semester hours of science to include:

BIO 1001G and one course from the following list:

CHM 1040G - The World of Chemistry. Credits: 4
 CHM 1310G - General Chemistry I. Credits: 3
 CHM 1315G - General Chemistry Laboratory I. Credits: 1
 CHM 2040G - Practical Chemistry. Credits: 3
 PHY 1051G - Physics of the Modern World. Credits: 3
 PHY 1052G - Adventures in Physics. Credits: 3
 PHY 1053G - Adventures in Physics Laboratory. Credits: 1
 PHY 1151G - Principles of Physics I. Credits: 3
 PHY 1152G - Principles of Physics I Laboratory. Credits: 1
 PHY 3050G - Excursions in Physics. Credits: 3

AND

MAT 1420 - Introductory Mathematics and Numeration. Credits: 3
 MAT 2420G - Introductory Geometry. Credits: 3

English elective from General Education Humanities courses.

Art, Music, or Theatre Arts course from General Education Fine Arts courses.

AND

6 semester hours of social and behavioral sciences from the following areas/disciplines: anthropology, geography, economics, history, political

science and sociology. Two areas/disciplines must be represented. The following courses can be used to meet both university general education and departmental requirements:

ANT 2200G - Introduction to Anthropology. Credits: 3
 ECN 2800G - Economics of Social Issues. Credits: 3
 ECN 2801G - Principles of Macroeconomics. Credits: 3
 ECN 2802G - Principles of Microeconomics. Credits: 3
 GEG 1100G - Cultural Geography. Credits: 3
 GEG 1200G - World Regional Geography. Credits: 3
 HIS 3700G - Turning Points in the History of Religion and Science. Credits: 3
 PLS 2253G - Introduction to International Relations. Credits: 3
 PSY 1879G - Introductory Psychology. Credits: 3
 SOC 2710G - Introductory Sociology. Credits: 3
 SOC 2750G - Social Problems in Contemporary Society. Credits: 3

Professional Course Work

Concentration 1: Special Education²

Concentration 2: Child and Family Studies³

ART 3440 - Art for Teachers in the Elementary Grades. Credits: 2

or MUS 3420

EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3

EDU 2022 - Teaching and Learning with Technology in Classrooms. Credits: 2

ELE 2321 - Child Growth and Development. Credits: 3

ELE 3250 - Facilitating Learning in Early Childhood Programs. Credits: 3

ELE 3281 - Developmental Reading in Early Childhood. Credits: 3

ELE 4000 - Practicum in Elementary Curriculum and Instruction. Credits: 1¹

ELE 4770 - Methods and Curriculum in the Primary Grades. Credits: 3

ELE 4775 - Language and Language Arts in Early Childhood. Credits: 3

or

ELE 4776 - Early Childhood Education: History and Philosophy. Credits: 3

ELE 4880 - Diagnostic-Prescriptive Reading Instruction. Credits: 3

FCS 3853 - Practicum in Child Development. Credits: 3

FCS 4854 - Parent-Child Study and Community Involvement. Credits: 3²

HST 3000 - Health Concepts for Teachers Credits: 2

MUS 3420 - Music in Elementary Schools. Credits: 2

or ART 3440

PED 3600 - Introduction to Elementary School Physical Education. Credits: 2

SPE 2000 - Disabilities in the Context of Education and the Life Span. Credits: 2

SPE 3000 - Education of Individuals with Exceptional Learning Needs. Credits: 3⁴

STG 4000 - Multicultural/Disabilities Practicum. Credits: 1

STG 4001 - Student Teaching. Credits: 12-16

(Register for 16 semester hours)

Footnotes:

¹ ELE 4000 must be taken twice.

² Individuals with an Early Childhood major may achieve an Early Childhood Special Education Letter of Approval on the State of Illinois Early Childhood certificate by successful completion of: SPE 2000, 3000, 3220, 3600, 4720, 4820, 4920 and 4925, and student teaching 8 sem. hrs. in an Early Childhood Special Education preschool setting with 8 sem. hrs. in a primary (first, second or third grade) classroom. Individuals will also delete FCS 4854 and substitute SPE 4600 to accomplish the dual endorsement requirements. All courses must be completed with a "C" or better, and practica must be successfully completed.

³ Fifteen semester hours (6 semester hours upper division credit) from Family & Consumer Sciences, Sociology, or Psychology. See advisor for suggested courses.

⁴ Must be taken prior to student teaching.

Senior Seminar must be taken outside of major.

Selection to Teacher Education programs should occur following the freshman year but no later than the end of the sophomore year (for transfer students this should occur no later than the end of their first semester). Selection requires that students pass the Illinois Certification Test of Basic Skills.

University Approval to Take Teacher Education Courses should occur at the end of the first semester junior year with Formal University Admission to Teacher Education occurring at the end of the junior year. See the Teacher Certification Program section of this catalog for more information.

Departmental Approval to Student Teach must be granted prior to Student Teaching. Students must also pass the Illinois Certification Subject Area test for Elementary Education prior to student teaching.

Early Childhood Education Certificate (Birth-Grade 3)**Concentration: Child & Family Studies**

Early Childhood Education majors pursuing the Child & Family Studies concentration must complete fifteen semester hours, six of which must be at the upper division level, from Family & Consumer Sciences, Sociology, or Psychology. See advisor for suggested concentration courses.

The student should consult with his/her advisor to develop the study plan best suited to his/her needs and interests.

Early Childhood Education Certificate (Birth-Grade 3)**Concentration: Special Education**

Individuals may achieve an Early Childhood Special Education Letter of Approval on the State of Illinois Early Childhood certificate by successful completion of the following course work plan.

The student should consult with his/her advisor to develop the study plan best suited to his/her needs and interests.

**ELEMENTARY EDUCATION: GENERAL OPTION
ELEMENTARY CERTIFICATE (K-9)**
B.S. in Education in Elementary Education:**General Option Elementary Certificate (K-9)**

Two distinct options are offered through the Elementary Education Curriculum: General and Middle School. Both lead to an Elementary (kindergarten through grade nine) Certificate. In the General option, emphasis is on kindergarten through grade six, while in the Middle School option the emphasis is on grades five through eight and includes a subject matter endorsement for teaching in grades 5-9.

This major requires that all students (including native, dual majors, transfer students from community colleges or senior institutions, internal transfers, and post-baccalaureate) follow and meet the requirements for Admission, Retention, and Graduation from Teacher Certification programs as described in the "Teacher Certification Programs" section of this catalog and as explained at the University Admission to Teacher Education Meeting which all students must attend. Additional information on Admission, Retention and Graduation for Teacher Certification programs can be found on the College of Education & Professional Studies website at www.eiu.edu/ceps/tached.

All students must pass the Illinois Certification Test of Basic Skills for selection into teacher education and should complete this requirement no later than their sophomore year.

Students must receive a "C" or better in all professional education courses and maintain a minimum cumulative and major GPA of 2.65 in order to continue in the program.

Departmental Requirements (in addition to University General Education Requirements)

Some courses may also count toward University general education requirements. Consult with Departmental Advisor.

HIS 3600G - The U.S. Constitution and the Nation. Credits: 3

or

PLS 1153G - American Government and Constitution. Credits: 3

AND

HIS 2010G - History of the United States to 1877. Credits: 3

or

HIS 2020G - History of the United States Since 1877. Credits: 3

12 semester hours of science to include:

BIO 1001G and one course from the following list:

CHM 1040G - The World of Chemistry. Credits: 4

CHM 1310G - General Chemistry I. Credits: 3

CHM 1315G - General Chemistry Laboratory I. Credits: 1

CHM 2040G - Practical Chemistry. Credits: 3

PHY 1051G - Physics of the Modern World. Credits: 3

PHY 1052G - Adventures in Physics. Credits: 3

PHY 1053G - Adventures in Physics Laboratory. Credits: 1

PHY 1151G - Principles of Physics I. Credits: 3

PHY 1152G - Principles of Physics I Laboratory. Credits: 1

PHY 3050G - Excursions in Physics. Credits: 3

AND

MAT 1420 - Introductory Mathematics and Numeration. Credits: 3

MAT 2420G - Introductory Geometry. Credits: 3

English elective from General Education Humanities courses.**Art, Music, or Theatre Arts course from General Education Fine Arts courses.****AND**

6 semester hours of social and behavioral sciences from the following areas/disciplines: anthropology, geography, economics, history, political science and sociology. Two areas/disciplines must be represented. The following courses can be used to meet both university general education and departmental requirements:

ANT 2200G - Introduction to Anthropology. Credits: 3

ECN 2800G - Economics of Social Issues. Credits: 3

ECN 2801G - Principles of Macroeconomics. Credits: 3

ECN 2802G - Principles of Microeconomics. Credits: 3

GEG 1100G - Cultural Geography. Credits: 3

GEG 1200G - World Regional Geography. Credits: 3

HIS 3700G - Turning Points in the History of Religion and Science. Credits: 3

PLS 2253G - Introduction to International Relations. Credits: 3

PSY 1879G - Introductory Psychology. Credits: 3

SOC 2710G - Introductory Sociology. Credits: 3

SOC 2750G - Social Problems in Contemporary Society. Credits: 3

Professional Course Work

- Concentration (see list below). Credits: 15

ART 3440 - Art for Teachers in the Elementary Grades. Credits: 2
or MUS 3420

EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3

EDF 4450 - Philosophy and History of Education. Credits: 3

EDU 2022 - Teaching and Learning with Technology in Classrooms. Credits: 2

ELE 2000 - The Teacher and the School. Credits: 2

ELE 2320 - Childhood and Early Adolescent Development. Credits: 3

ELE 3000 - Instructional Strategies for the Elementary Classroom. Credits: 4

ELE 3280 - Developmental Reading in the Elementary School. Credits: 3

ELE 3290 - Science in the Elementary School. Credits: 3

ELE 3340 - Social Studies for Elementary School Children. Credits: 3

ELE 3350 - Language Arts in the Elementary School. Credits: 2

ELE 4000 - Practicum in Elementary Curriculum and Instruction. Credits: 1

ELE 4880 - Diagnostic-Prescriptive Reading Instruction. Credits: 3

HST 3000 - Health Concepts for Teachers Credits: 2

MAT 3420 - Teaching Mathematics in Grades PreK-6. Credits: 2

MUS 3420 - Music in Elementary Schools. Credits: 2

or ART 3440

PED 3600 - Introduction to Elementary School Physical Education. Credits: 2

SPE 2000 - Disabilities in the Context of Education and the Life Span. Credits: 2

and SPE 3000 or SPE 3500 (Must be taken prior to student teaching)

SPE 3000 - Education of Individuals with Exceptional Learning Needs. Credits: 3

and SPE 2000 or SPE 3500 (Must be taken prior to student teaching)

SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3

or SPE 2000 and SPE 3000 (Must be taken prior to student teaching)

STG 4000 - Multicultural/Disabilities Practicum. Credits: 1

STG 4001 - Student Teaching. Credits: 12-16

(Register for 14 semester hours)

Concentrations for Elementary Education:**General Option**

Elementary Education majors pursuing the General Option must select a concentration from the list below. Each concentration requires 15 semester hours, 6 of which must be at the upper division level. Courses used to satisfy other General Education requirements cannot be applied

toward the concentration, with the possible exception of the diversity course which may be included in the concentration if appropriate.

English

Fifteen semester hours of course work, six must be at the upper division level. Must include ENG 2901 or an advanced composition (or writing) course above the freshman level, one course in American Literature, and a course in children's literature.

Fine Arts

Fifteen semester hours of course work, six must be at the upper division level. Two disciplines must be represented with a minimum of two courses from each discipline. Select from Art, Music or Theater Arts.

Foreign Language

Fifteen semester hours of course work, six must be at the upper division level.

General Science

Fifteen semester hours of course work selected from two areas, six must be at the upper division level. Two disciplines must be represented with a minimum of two courses from each discipline. Select from Biological Science, Chemistry, Earth Science, Geology and Physics.

Mathematics

Fifteen semester hours of course work other than methods courses, six must be at the upper division level.

Social Science

Fifteen semester hours of course work, six must be at the upper division level. Two disciplines must be represented with a minimum of two courses from each discipline. One course in world civilization must be included. Select from Economics, Geography, History and Political Science.

Footnotes:

The student should consult with his/her advisor to develop the study plan best suited to his/her needs and interests.

Selection to Teacher Education programs should occur following the freshman year but no later than the end of the sophomore year (for transfer students this should occur no later than the end of their first semester). Selection requires that students pass the Illinois Certification Test of Basic Skills.

University Approval to Take Teacher Education Courses should occur at the end of the first semester junior year with Formal University Admission to Teacher Education occurring at the end of the junior year. See the Teacher Certification Program section of this catalog for more information.

Departmental Approval to Student Teach must be granted prior to Student Teaching. Students must also pass the Illinois Certification Subject Area test for Elementary Education prior to student teaching.

**ELEMENTARY EDUCATION:
MIDDLE SCHOOL OPTION
ELEMENTARY CERTIFICATE (K-9)**

B.S. in Education in Elementary Education: Middle School Option Elementary Certificate (K-9)

Two distinct options are offered through the Elementary Education Curriculum: General and Middle School. Both lead to an Elementary (kindergarten through grade nine) Certificate. In the General option, emphasis is on kindergarten through grade six, while in the Middle School option the emphasis is on grades five through eight and includes a subject matter endorsement for teaching in grades 5-9.

This major requires that all students (including native, dual majors, transfer students from community colleges or senior institutions, internal transfers, and post-baccalaureate) follow and meet the requirements for Admission, Retention, and Graduation from Teacher Certification programs as described in the "Teacher Certification Programs" section of this catalog and as explained at the University Admission to Teacher Education Meeting which all students must attend. Additional information on Admission, Retention and Graduation for Teacher Certification programs can be found on the College of Education & Professional Studies website at www.eiu.edu/ceps/teached.

All students must pass the Illinois Certification Test of Basic Skills for selection into teacher education and should complete this requirement no later than their sophomore year.

Students must receive a "C" or better in all professional education courses and maintain a minimum cumulative and major GPA of 2.65 in order to continue in the program.

Departmental Requirements (in addition to University General Education Requirements)

Some courses may also count toward University general education requirements. Consult with Departmental Advisor.

HIS 3600G - The U.S. Constitution and the Nation. Credits: 3

or

PLS 1153G - American Government and Constitution. Credits: 3

AND

HIS 2010G - History of the United States to 1877. Credits: 3

or

HIS 2020G - History of the United States Since 1877. Credits: 3

12 semester hours of science to include:

BIO 1001G and one course from the following lists:

CHM 1040G - The World of Chemistry. Credits: 4

CHM 1310G - General Chemistry I. Credits: 3

CHM 1315G - General Chemistry Laboratory I. Credits: 1

CHM 2040G - Practical Chemistry. Credits: 3

PHY 1051G - Physics of the Modern World. Credits: 3

PHY 1052G - Adventures in Physics. Credits: 3

PHY 1053G - Adventures in Physics Laboratory. Credits: 1

PHY 1151G - Principles of Physics I. Credits: 3

PHY 1152G - Principles of Physics I Laboratory. Credits: 1

PHY 3050G - Excursions in Physics. Credits: 3

AND

MAT 1420 - Introductory Mathematics and Numeration. Credits: 3

MAT 2420G - Introductory Geometry. Credits: 3

English elective from General Education Humanities courses.

Art, Music, or Theatre Arts course from General Education Fine Arts courses.

AND

6 semester hours of social and behavioral sciences from the following areas/disciplines: anthropology, geography, economics, history, political science and sociology. Two areas/disciplines must be represented. The following courses can be used to meet both university general education and departmental requirements:

ANT 2200G - Introduction to Anthropology. Credits: 3

ECN 2800G - Economics of Social Issues. Credits: 3

ECN 2801G - Principles of Macroeconomics. Credits: 3

ECN 2802G - Principles of Microeconomics. Credits: 3

GEG 1100G - Cultural Geography. Credits: 3

GEG 1200G - World Regional Geography. Credits: 3

HIS 3700G - Turning Points in the History of Religion and Science. Credits: 3

PLS 2253G - Introduction to International Relations. Credits: 3

PSY 1879G - Introductory Psychology. Credits: 3

SOC 2710G - Introductory Sociology. Credits: 3

SOC 2750G - Social Problems in Contemporary Society. Credits: 3

Professional Course Work

Concentration. Credits: 18

ART 3440 - Art for Teachers in the Elementary Grades. Credits: 2

or MUS 3420

EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3

EDF 4450 - Philosophy and History of Education. Credits: 3

EDU 2022 - Teaching and Learning with Technology in Classrooms. Credits: 2

ELE 2000 - The Teacher and the School. Credits: 2

ELE 2320 - Childhood and Early Adolescent Development. Credits: 3

ELE 3280 - Developmental Reading in the Elementary School. Credits: 3

HST 3000 - Health Concepts for Teachers Credits: 2

MAT 3420 - Teaching Mathematics in Grades PreK-6. Credits: 2¹

MLE 3110 - Curriculum and Instruction in Middle-Level School. Credits: 3

MLE 3150 - Interdisciplinary Teaching in the Middle-Level School. Credits: 3

MLE 4000 - Practicum in Middle School Curriculum & Instruction. Credits: 2²

MLE 4280 - Teaching Reading in the Middle/Secondary School. Credits: 3
 MLE 4760 - Student Social-Emotional Development in the Middle Grades. Credits: 3
 MUS 3420 - Music in Elementary Schools. Credits: 2
 or ART 3440
 PED 3600 - Introduction to Elementary School Physical Education. Credits: 2
 SPE 2000 - Disabilities in the Context of Education and the Life Span. Credits: 2
 and
 SPE 3000 - Education of Individuals with Exceptional Learning Needs. Credits: 3
 or
 SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3⁵
 STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
 STG 4001 - Student Teaching. Credits: 12-16³
 (Register for 14 semester hours)

One of the following:

ELE 3290 - Science in the Elementary School. Credits: 3
 ELE 3340 - Social Studies for Elementary School Children. Credits: 3
 ELE 3350 - Language Arts in the Elementary School. Credits: 2
 or
 MAT 3620 - Teaching Mathematics 6-9. Credits: 3⁴

Footnotes:

¹ Students selecting Mathematics subject area are exempt from MAT 3420.
² MLE 4000 must be taken twice.
³ Students will student teach in Grades 4-6 or in a multi-disciplinary middle-level school assignment through Grade 8.
⁴ Taken concurrently with Block I. Consult Departmental Advisor for appropriate course.
⁵ Must be taken prior to student teaching.

Elementary Education:**Middle School Option Concentration**

Elementary Education majors pursuing the Middle School Option must select a concentration from the list below. Each concentration requires 18 semester hours, 6 of which must be at the upper division level. Courses used to satisfy other General Education requirements cannot be applied toward the concentration, with the possible exception of the diversity course which may be included in the concentration if appropriate. Students wishing to receive an endorsement in any area in order to be able to teach in a departmentalized Junior High or Middle School (grades 5-9), must check with their advisors for specific requirements.

English

Eighteen semester hours of course work, six must be at the upper division level. Must include ENG 2901 and an advanced composition course, a course in American Literature, and an upper division course in children's literature such as ENG 3405 or 4903.

General Science

Eighteen semester hours of course work, six must be at the upper division level. At least two courses from biological science and two from physical science must be represented. Courses must include BIO 1100 and one of the following courses: BIO 1200G or 1300G. A total program must include both Chemistry and Physics.

Mathematics

Eighteen semester hours of course work, six must be at the upper division level. At least three of the following areas must be represented: A) calculus; B) modern algebra or number theory; C) geometry; D) computer science; E) probability and statistics; or F) history of mathematics. Methods courses are not acceptable. An algebra course should be included in a student's total program.

Social Science

Eighteen semester hours of course work, six must be at the upper division level. Two disciplines must be represented with a minimum of two courses from each discipline. Courses must include HIS 2010 or 2020, world civilization, a course in non-U.S. history and electives from Economics, Geography, and Political Science.

Footnotes:

Selection to Teacher Education programs should occur following the freshman year but no later than the end of the sophomore year (for transfer students this

should occur no later than the end of their first semester. Selection requires that students pass the Illinois Certification Test of Basic Skills.

University Approval to Take Teacher Education Courses should occur at the end of the first semester junior year with Formal University Admission to Teacher Education occurring at the end of the junior year. See the Teacher Certification Program section of this catalog for more information.

Departmental Approval to Student Teach must be granted prior to Student Teaching. Students must also pass the Illinois Certification Subject Area test for Elementary Education prior to student teaching.

HEALTH STUDIES**B.S. in Health Studies: Community Health Option**

Total Semester Hours: 69-70.

There are three concentrations in the option: Community Health Promotion/Education, Community Health Counseling, and Community Health Administration. Courses for these concentrations must be selected in consultation and approval by the department academic advisor.

This major requires the following components:

Concentration I, II, or III below. Credits: 18

AND**Core Courses:**

BIO 2001G - Human Physiology. Credits: 4
 ENG 2760 - Introduction to Professional Writing. Credits: 3
 HST 2000 - Principles of Human Health. Credits: 3*
 HST 2250 - Professions in School and Community Health. Credits: 1*
 HST 2270 - Community Health. Credits: 3*
 HST 3196 - Public Health Statistics and Data Analysis. Credits: 3*
 HST 3199 - Microcomputers and Health Applications. Credits: 3*
 HST 3700 - Community Health Behavior Methods. Credits: 3*
 HST 3750 - Health Care Delivery Systems. Credits: 3*
 HST 3765 - Principles of Epidemiology. Credits: 3*
 HST 4250 - Planning Health Programs. Credits: 3*
 HST 4275 - Internship. Credits: 1 to 9
 HST 4770 - Health Services Administration Credits: 3*

Footnote:

*These courses must be completed with a grade of "C" or better.

Select 8-9 Semester Hours

HST 2600 - International Health Issues. Credits: 3
 HST 2900 - Human Diseases. Credits: 3
 HST 3500 - Human Sexuality. Credits: 3
 HST 3560 - Women's Health. Credits: 3
 HST 3910 - Communication in Health Professions. Credits: 3
 HST 4800 - Drugs and Society. Credits: 3
 HST 4810 - Community Resources and Chemical Dependency. Credits: 2
 HST 4820 - DUI: Legal Issues. Credits: 2
 HST 4890 - Health and Aging. Credits: 3

I. Community Health Promotion/Education Concentration

A minimum of 18 semester hours of course work including study in the areas of introductory psychology, mass communications, educational psychology, and school health.

Recommended Minors: Adult Education, Creative Writing, Family and Consumer Sciences, Journalism, Public Relations, Psychology, Communication Studies, Professional Writing

II. Community Health Counseling Concentration

A minimum of 18 semester hours of course work including study in the areas of group dynamics, behavior management, human nutrition and food study, and techniques of counseling and guidance.

Recommended Minors: Psychology, Family and Consumer Sciences (family services)

III. Community Health Administration Concentration

A minimum of 18 semester hours of course work including study in the areas of business administration, American national government, state and local government, and economics.

Recommended Minors: Business Administration, Political Science, Economics.

Footnote:

(Major GPA based on all health studies courses taken at EIU.)

**B.S. in Health Studies: Teacher Certification Option
6-12 High School Certificate**

This curriculum leads to a high school certificate that allows the graduate to teach Health Education at the high school level. It also allows an endorsement to teach Health Education at the Middle School level.

This major requires that students follow and meet the requirements for Admission, Retention and Graduation from Teacher Certification programs as described in the "Teacher Certification Programs" section of this catalog and as explained at the University Admission to Teacher Education Meeting which all students must attend. Additional information on Admission, Retention and Graduation for Teacher Certification programs can be found on the College of Education & Professional Studies website at www.eiu.edu/ceps/teached.

All students must pass the Illinois Certification Test of Basic Skills for selection into teacher education and should complete this requirement no later than their sophomore year.

Students must receive a "C" or better in all professional education courses and maintain a minimum cumulative and major GPA of 2.65 in order to continue in the program.

Students have two options for completing the professional education coursework – Regular Secondary Education Program and Integrated Secondary Education Program (ISEP). For more information regarding these two options please consult with your advisor. Information is also available in the Teacher Certification Program section of this catalog.

The BS in Health Studies Comprises:

1. 40 hours in general education
2. 31 hours-R OR 25-I in the professional education core
 - a. 31 hours-R includes:
 - EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
 - EDF 4450 - Philosophy and History of Education. Credits: 3
 - EDP 3331 - Theories of Learning and Development for Secondary Teachers. Credits: 3
 - SED 2000 - Inquiry Into Teaching. Credits: 1
 - SED 3330 - Instructional Tasks in the Secondary School. Credits: 3
 - SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3
 - STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
 - STG 4001 - Student Teaching. Credits: 12-16
(Register for 14 semester hours)

OR

- b. 25 hours-I includes:
 - EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
 - SED 2000 - Inquiry Into Teaching. Credits: 1
 - SED 3000 - ISEP Level I. Credits: 3
 - SED 3100 - ISEP Level II. Credits: 3
 - SED 4000 - ISEP Level III. Credits: 3
 - STG 4001 - Student Teaching. Credits: 12-16
(Register for 12 semester hours)
3. 45 hours in major courses
4. 6 elective hours approved by department

The department also strongly suggests the student select a minor in consultation with the advisor.

Health Studies Course Work:

- BIO 2001G - Human Physiology. Credits: 4
- HST 2000 - Principles of Human Health. Credits: 3
- HST 2250 - Professions in School and Community Health. Credits: 1
- HST 2270 - Community Health. Credits: 3
- HST 3120 - American Red Cross Instructor. Credits: 4
- HST 3199 - Microcomputers and Health Applications. Credits: 3
- HST 3200 - School Health. Credits: 3
- HST 3400 - Methods of Teaching/Curriculum Development in Health. Credits: 3
- HST 3500 - Human Sexuality. Credits: 3
- HST 3750 - Health Care Delivery Systems. Credits: 3
- HST 3765 - Principles of Epidemiology. Credits: 3
- HST 4800 - Drugs and Society. Credits: 3

Recommended Coursework for Middle-Level Endorsement

- MLE 3110 - Curriculum and Instruction in Middle-Level School. Credits: 3
- MLE 4280 - Teaching Reading in the Middle/Secondary School. Credits: 3
- MLE 4760 - Student Social-Emotional Development in the Middle Grades. Credits: 3

Six semester hours chosen from at least two of the areas listed below.

Three hours of HST 4275, Community Health Field Service, may be completed as an elective, subject to department chair and academic advisor approval, in one of the following areas listed below.

Areas:**Environmental Health**

- BIO 2002G - Environmental Life Sciences. Credits: 3

Disease Prevention and Control

- HST 2900 - Human Diseases. Credits: 3

Nutrition/Dietary Patterns

- FCS 2100 - Nutrition in a Global Society. Credits: 3

Safety and Injury Control

- HST 1120 - Basic CPR. Credits: 1
- or
- HST 2320 - First Aid and Emergency Care (including Basic CPR Skills). Credits: 3
- HST 3300 - Principles of Accident Prevention. Credits: 2
- HST 3340 - Accident Prevention in Schools. Credits: 2
- HST 3350 - Industrial Safety. Credits: 2

Mental/Emotional Health

- FCS 4820 - Death and Dying. Credits: 3
- PSY 3780 - Abnormal Psychology. Credits: 3

Personal Health Practices

- HST 2600 - International Health Issues. Credits: 3
- HST 4741 - Independent Study. Credits: 1 to 6
- PED 2850 - Fitness for Life. Credits: 3

Consumer Health

- HST 3560 - Women's Health. Credits: 3
- HST 3910 - Communication in Health Professions. Credits: 3
- HST 4890 - Health and Aging. Credits: 3
- HST 4910 - Applied Health Communication. Credits: 3

Footnotes:

Selection to Teacher Education programs should occur following the freshman year but no later than the end of the sophomore year (for transfer students this should occur no later than the end of their first semester at EIU). Selection requires that students pass the Illinois Certification Test of Basic Skills.

University Approval to Take Teacher Education Courses should occur at the end of the first semester junior year with Formal University Admission to Teacher Education occurring at the end of the junior year. See the Teacher Certification Program section of this catalog for more information.

Departmental Approval to Student Teach must be granted prior to Student Teaching. Students must also pass the Illinois Certification Content Area test for their major prior to student teaching.

(Major GPA based on all health studies courses taken at EIU.)

Community Health Minor

Total Semester Hours: 21

Required Courses

- HST 2000 - Principles of Human Health. Credits: 3
- HST 2250 - Professions in School and Community Health. Credits: 1
- HST 2270 - Community Health. Credits: 3
- HST 3700 - Community Health Behavior Methods. Credits: 3
- HST 3750 - Health Care Delivery Systems. Credits: 3

Plus Eight Semester Hours From:

- HST 1120 - Basic CPR. Credits: 1
- HST 2320 - First Aid and Emergency Care (including Basic CPR Skills). Credits: 3
- HST 2600 - International Health Issues. Credits: 3
- HST 2900 - Human Diseases. Credits: 3
- HST 3120 - American Red Cross Instructor. Credits: 4
- HST 3196 - Public Health Statistics and Data Analysis. Credits: 3
- HST 3199 - Microcomputers and Health Applications. Credits: 3
- HST 3200 - School Health. Credits: 3

HST 3300 - Principles of Accident Prevention. Credits: 2
 HST 3350 - Industrial Safety. Credits: 2
 HST 3500 - Human Sexuality. Credits: 3
 HST 3765 - Principles of Epidemiology. Credits: 3
 HST 4250 - Planning Health Programs. Credits: 3
 HST 4741 - Independent Study. Credits: 1 to 6
 HST 4800 - Drugs and Society. Credits: 3
 HST 4810 - Community Resources and Chemical Dependency. Credits: 2
 HST 4820 - DUI: Legal Issues. Credits: 2
 HST 4890 - Health and Aging. Credits: 3

Health Studies Minor for Teacher Certification

Completion of a teacher certification minor does not guarantee that the individual will be granted an endorsement to teach in that field. Individuals must meet all requirements (including state tests) as set forth by the Illinois State Board of Education to be granted an endorsement in a second teaching field.

Total Hours: 24

The following courses, plus six semester hours taken from two or more of the areas that follow:

HST 2000 - Principles of Human Health. Credits: 3
 HST 2270 - Community Health. Credits: 3
 HST 3200 - School Health. Credits: 3
 HST 3400 - Methods of Teaching/Curriculum Development in Health. Credits: 3
 HST 3500 - Human Sexuality. Credits: 3
 HST 4800 - Drugs and Society. Credits: 3

Environmental Health

BIO 2002G - Environmental Life Sciences. Credits: 3

Disease Prevention and Control

HST 2900 - Human Diseases. Credits: 3

Nutrition and Dietary Patterns

FCS 2100 - Nutrition in a Global Society. Credits: 3

Safety and Injury Control

HST 1120 - Basic CPR. Credits: 1
 HST 2320 - First Aid and Emergency Care (including Basic CPR Skills). Credits: 3
 or
 HST 3120 - American Red Cross Instructor. Credits: 4
 HST 3300 - Principles of Accident Prevention. Credits: 2
 HST 3340 - Accident Prevention in Schools. Credits: 2
 HST 3350 - Industrial Safety. Credits: 2

Mental/Emotional Health

FCS 4820 - Death and Dying. Credits: 3
 PSY 3780 - Abnormal Psychology. Credits: 3

Personal Health Practices

HST 2600 - International Health Issues. Credits: 3
 HST 3750 - Health Care Delivery Systems. Credits: 3
 PED 2850 - Fitness for Life. Credits: 3

Consumer Health

HST 3560 - Women's Health. Credits: 3
 HST 3910 - Communication in Health Professions. Credits: 3
 HST 4890 - Health and Aging. Credits: 3
 HST 4910 - Applied Health Communication. Credits: 3

Safety and Driver Education Minor for Teacher Certification

Completion of a teacher certification minor does not guarantee that the individual will be granted an endorsement to teach in that field. Individuals must meet all requirements (including state tests) as set forth by the Illinois State Board of Education to be granted an endorsement in a second teaching field.

Total Hours: 21

HST 3300 - Principles of Accident Prevention. Credits: 2
 HST 3310 - Introduction to Driver Education. Credits: 4
 HST 3320 - Advanced Driver Education and Traffic Safety. Credits: 3
 HST 3330 - Advanced Driving Maneuvers. Credits: 2

HST 3340 - Accident Prevention in Schools. Credits: 2
 HST 4900 - Multi-Phase Driver Education. Credits: 3

Choose From the Following (5 semester hours)

HST 2270 - Community Health. Credits: 3
 HST 3120 - American Red Cross Instructor. Credits: 4
 HST 3200 - School Health. Credits: 3
 HST 3350 - Industrial Safety. Credits: 2
 PED 2135 - Basic Care and Prevention of Athletic Injuries. Credits: 3
 PLS 2603 - State and Local Government. Credits: 3
 PLS 3643 - Comparative State Politics. Credits: 3

KINESIOLOGY & SPORTS STUDIES (formerly Physical Education)

B.S. in Physical Education

Major

Total Semester Hours: 67-70

Criteria for admission to the Physical Education Non-teaching Major:

1. Completion of BIO 2001G (or equivalent) with a grade of C or better;
2. Completion of PED 1500 and PED 2440 (or equivalent) with a grade of C or better.

BIO 2001G - Human Physiology. Credits: 4
 PED 1500 - Physical Education as a Profession. Credits: 2
 PED 2440 - Kinesiology. Credits: 4

General Education Requirements Plus

Concentration I or II. Credits: 36-39
 PED Aquatics course
 BIO 2001G - Human Physiology. Credits: 4
 PED 1500 - Physical Education as a Profession. Credits: 2
 PED 2440 - Kinesiology. Credits: 4
 PED 2850 - Fitness for Life. Credits: 3
 PED 3900 - Microcomputers in Physical Education. Credits: 3
 PED 4275 - Field Experience. Credits: 3 or 6
 (Register for six or nine semester hours)
 PED 4325 - Organization and Administration in Sport Management and Exercise Science. Credits: 3
 PED 4340 - Principles of Exercise Physiology. Credits: 3
 PED 4761 - Sport Management and Administration. Credits: 3

Concentration I: Exercise Science

Total Semester Hours: 36

FCS 2100 - Nutrition in a Global Society. Credits: 3
 FCS 4755 - Nutrition for Physical Performance. Credits: 3
 HST 3120 - American Red Cross Instructor. Credits: 4
 PED 1310 - Aqua Exercise. Credits: 1
 PED 1600 - Weight Training. Credits: 1
 PED 1692 - Aerobic Exercise. Credits: 1
 PED 2104 - Technique and Theory of Aerobic Exercise and Strength Training. Credits: 2
 PED 2135 - Basic Care and Prevention of Athletic Injuries. Credits: 3
 PED 3720 - Exercise Psychology. Credits: 2
 PED 3800 - Biomechanics of Human Movement. Credits: 2
 PED 4440 - Physical Fitness Appraisal and Performance Assessment. Credits: 3
 PED 4450 - Designing Exercise and Sports Training Programs. Credits: 3
 PED 4460 - Principles of Resistance Training. Credits: 3
 PED 4900 - Special Topics in Exercise Physiology. Credits: 1
 [3 special topics approved by advisor]

One From:

One additional technique/theory course (excluding PED 2144 and 2145) from:

PED 2101 - Technique and Theory of Badminton and Tennis. Credits: 2
 PED 2102 - Technique and Theory of Golf and Bowling. Credits: 2
 PED 2103 - Technique and Theory of Track and Field and Weight Training. Credits: 2
 PED 2360 - Techniques and Theory of Softball and Volleyball. Credits: 2

PED 2380 - Technique and Theory of Flag Football and Basketball. Credits: 2
 PED 2390 - Technique and Theory of Soccer/Speed-ball, and Modified Team Sports. Credits: 2

Concentration II: Sport Management

Total Semester Hours: 39

- Physical Education 3 hours from 1000 level. Must be three different activities. Credits: 3
- 5 hours Coaching courses
- Business Administration Minor (21 hours)
- PED 4760 - Sport Law. Credits: 3
- PED 4762 - Publicity in Sports. Credits: 3

Two From:

Two technique/theory courses (excluding PED 2144 and PED 2145).

PED 2101 - Technique and Theory of Badminton and Tennis. Credits: 2
 PED 2102 - Technique and Theory of Golf and Bowling. Credits: 2
 PED 2103 - Technique and Theory of Track and Field and Weight Training. Credits: 2
 PED 2104 - Technique and Theory of Aerobic Exercise and Strength Training. Credits: 2
 PED 2360 - Techniques and Theory of Softball and Volleyball. Credits: 2
 PED 2380 - Technique and Theory of Flag Football and Basketball. Credits: 2
 PED 2390 - Technique and Theory of Soccer/Speed-ball, and Modified Team Sports. Credits: 2

Concentration I and II Footnotes:

A grade of C or better is required in BIO 2001G and all physical education courses counting toward the major.

Aquatics Proficiency: If you pass the aquatics proficiency exam, you must then take an additional PED activity course.

(Major GPA based on all physical education courses taken at EIU)

B.S. in Physical Education:

Athletic Training Option

The program provides students interested in the prevention, care, and evaluation of athletic injuries the necessary course work and clinical experience to qualify to sit for the examination leading to certification by the National Athletic Trainers Association Board of Certification.

Guidelines

Guidelines restrict the number of students who may participate in the Athletic Training program. This number is in direct proportion to the number of "certified" clinical supervisors employed by EIU. Due to this imposed limitation, students are advised that their acceptance into this program is not an assumed right. Students must complete PED 2130, 2135 and 2136 (beginning second semester Freshman year) in order to be considered for acceptance into the Athletic Training Program. All students must meet specific program selection criteria. For specific information go to <http://www.eiu.edu/~athtrain/>.

PED 2130 - Athletic Training Practicum. Credits: 1
 PED 2135 - Basic Care and Prevention of Athletic Injuries. Credits: 3
 PED 2136 - Athletic Training as a Profession. Credits: 3

General Education Requirements Plus:

Total Semester Hours: 79

Consisting of the following:

BIO 1001G - Biological Principles and Issues. Credits: 3
 BIO 2001G - Human Physiology. Credits: 4
 [Gen Ed (4)]
 BIO 2200 - Human Anatomy. Credits: 4
 FCS 2100 - Nutrition in a Global Society. Credits: 3
 FCS 4755 - Nutrition for Physical Performance. Credits: 3
 HST 2000 - Principles of Human Health. Credits: 3
 PED 1500 - Physical Education as a Profession. Credits: 2
 PED 1600 - Weight Training. Credits: 1
 PED 2130 - Athletic Training Practicum. Credits: 1
 PED 2135 - Basic Care and Prevention of Athletic Injuries. Credits: 3
 PED 2136 - Athletic Training as a Profession. Credits: 3
 PED 2440 - Kinesiology. Credits: 4
 PED 2850 - Fitness for Life. Credits: 3
 PED 3140 - Injury Recognition – Upper Extremity. Credits: 4
 PED 3141 - Therapeutic Exercise. Credits: 4
 PED 3142 - Injury Recognition - Lower Extremity. Credits: 4

PED 3143 - Therapeutic Modalities. Credits: 4
 PED 3144 - Seminar in Sports Medicine. Credits: 3
 PED 3180 - General Medical Conditions in the Athlete. Credits: 2
 PED 3800 - Biomechanics of Human Movement. Credits: 2
 PED 3900 - Microcomputers in Physical Education. Credits: 3
 PED 4275 - Field Experience. Credits: 3 or 6
 (3 hrs.)
 PED 4340 - Principles of Exercise Physiology. Credits: 3
 PED 4440 - Physical Fitness Appraisal and Performance Assessment. Credits: 3
 PED 4450 - Designing Exercise and Sports Training Programs. Credits: 3
 PED 4470 - Measurement and Evaluation in Physical Education. Credits: 3
 PED 4741 - Independent Study. Credits: 1 to 3
 (3 hrs.)
 PED 4900 - Special Topics in Exercise Physiology. Credits: 1
 (2 special topics approved by advisor)
 PSY 1879G - Introductory Psychology. Credits: 3
 [Gen Ed (3)]

Footnotes:

Students must receive a "C" or better in all Physical Education courses and BIO 2001G.

(Athletic Training Professional GPA based on Physical Education, Health Studies, Biological Sciences, and Psychology courses in this option taken at EIU).

(Major GPA based on physical education, health studies, biological sciences, and psychology courses in this option taken at EIU.)

Physical Education with Teacher Certification

The Physical Education with Teacher Certification Options require that students follow and meet the requirements for Admission, Retention and Graduation from Teacher Certification programs as described in the "Teacher Certification Programs" section of this catalog and as explained at the University Admission to Teacher Education Meeting which all students must attend. Additional information on Admission, Retention and Graduation for Teacher Certification programs can be found on the College of Education & Professional Studies website at <http://www.eiu.edu/ceps/teached>.

All students must pass the Illinois Certification Test of Basic Skills for selection into teacher education and should complete this requirement no later than their sophomore year.

Students must receive a "C" or better in all professional education and major courses and maintain a minimum cumulative and major GPA of 2.65 in order to continue in the program.

B.S. in Physical Education: Teacher Certification Option K-12 Special Certificate

Core Requirements

Physical Education Course Work

Total Semester Hours: 52

BIO 2001G - Human Physiology. Credits: 4
 PED 1500 - Physical Education as a Profession. Credits: 2
 PED 2000 - Technique and Practice of Teaching Physical Education Activities. Credits: 1
 PED 2440 - Kinesiology. Credits: 4
 PED 2450 - Physical Education for Exceptional Individuals. Credits: 3
 PED 2850 - Fitness for Life. Credits: 3
 PED 3400 - Methods of Teaching Physical Education. Credits: 3
 PED 3401 - Elementary Physical Education Methods. Credits: 4
 PED 3600 - Introduction to Elementary School Physical Education. Credits: 2
 PED 3641 - Rhythms/Dance/Tumbling for Elementary Physical Education. Credits: 1
 PED 4320 - Organization, Administration, and Curriculum in K-12 Physical Education. Credits: 3
 PED 4340 - Principles of Exercise Physiology. Credits: 3
 PED 4470 - Measurement and Evaluation in Physical Education. Credits: 3

Electives From the Following Physical Education 2000-level Technique Courses

Two From:

PED 2101 - Technique and Theory of Badminton and Tennis. Credits: 2
 PED 2102 - Technique and Theory of Golf and Bowling. Credits: 2

PED 2103 - Technique and Theory of Track and Field and Weight Training. Credits: 2
 PED 2104 - Technique and Theory of Aerobic Exercise and Strength Training. Credits: 2

Two From:

PED 2106 - Technique and Theory of Team Activities. Credits: 2
 PED 2360 - Techniques and Theory of Softball and Volleyball. Credits: 2
 PED 2380 - Technique and Theory of Flag Football and Basketball. Credits: 2
 PED 2390 - Technique and Theory of Soccer/Speed-ball, and Modified Team Sports. Credits: 2

One from:

PED 2220 - Technique and Theory of Folk, Square, and Ballroom Dance I. Credits: 2
 PED 2230 - Technique and Theory of Modern Dance I. Credits: 2

3 Semester Hours from Physical Education Coaching Courses**Physical Education Activity Courses:**

- 3 Semester Hours Electives from Physical Education 1000-level courses (Must be be different activities.)
- Include one aquatics course or proficiency
- And either PED 1600 or 1692

PED 1600 - Weight Training. Credits: 1

OR

PED 1692 - Aerobic Exercise. Credits: 1

7 weeks of Coaching at student teaching site school; required during student teaching**Professional Education Courses: 27 hours**

EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
 EDF 4450 - Philosophy and History of Education. Credits: 3
 EDP 3331 - Theories of Learning and Development for Secondary Teachers. Credits: 3
 SED 3330 - Instructional Tasks in the Secondary School. Credits: 3
 STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
 STG 4001 - Student Teaching. Credits: 12-16
 (Register for 14 semester hours)

Footnotes:

NOTE: Minor in Teacher Certification strongly recommended. Minor courses can be substituted for electives.

Aquatics Proficiency: If you pass the aquatics proficiency exam, you must then take an additional PED activity course. You are required to have 3 different activities.

Students must complete all the professional coursework under the Regular Secondary Education Program.

Selection to Teacher Education programs should occur following the freshman year but no later than the end of the sophomore year (for transfer students this should occur no later than the end of their first semester at EIU). Selection requires that students pass the Illinois Certification Test of Basic Skills.

University Approval to Take Teacher Education Courses should occur at the end of the first semester junior year with Formal University Admission to Teacher Education occurring at the end of the junior year. See the Teacher Certification Program section of this catalog for more information.

Departmental Approval to Physical Education must take place after formal admission and acceptance to teacher education. Students must receive a grade of "C" or better in all PED courses and BIO 2001G in order to apply for formal admission to the Physical Education Department and continue in the program.

Departmental Approval to Student Teach must be granted prior to Student Teaching. Students must also pass the Illinois Certification Subject Area test for their major prior to student teaching.

(Major GPA based on all physical education courses taken at EIU.)

Physical Education Minor

Total Hours: 25

Coaching Option:

(**Note:** The following courses do not satisfy requirements for state certification for a teaching field.)

Physical Education 3000-level teaching/coaching courses. Credits: 6
 PED 2135 - Basic Care and Prevention of Athletic Injuries. Credits: 3
 PED 2440 - Kinesiology. Credits: 4
 PED 3700 - Psychological Foundations of Coaching. Credits: 2
 PED 4320 - Organization, Administration, and Curriculum in K-12 Physical Education. Credits: 3
 PED 4340 - Principles of Exercise Physiology. Credits: 3

Physical Education Electives (4 semester hours required)

PED 2101 - Technique and Theory of Badminton and Tennis. Credits: 2
 PED 2102 - Technique and Theory of Golf and Bowling. Credits: 2
 PED 2103 - Technique and Theory of Track and Field and Weight Training. Credits: 2
 PED 2104 - Technique and Theory of Aerobic Exercise and Strength Training. Credits: 2
 PED 2360 - Techniques and Theory of Softball and Volleyball. Credits: 2
 PED 2380 - Technique and Theory of Flag Football and Basketball. Credits: 2
 PED 2390 - Technique and Theory of Soccer/Speed-ball, and Modified Team Sports. Credits: 2

Physical Education Minor for Teacher Certification**Core Requirements**

Completion of a teacher certification minor does not guarantee that the individual will be granted an endorsement to teach in that field. Individuals must meet all requirements (including state tests) as set forth by the Illinois State Board of Education to be granted an endorsement in a second teaching field.

Teaching Option:

BIO 2001G - Human Physiology. Credits: 4
 (may be taken in General Education)
 PED 2440 - Kinesiology. Credits: 4
 PED 2450 - Physical Education for Exceptional Individuals. Credits: 3
 PED 3400 - Methods of Teaching Physical Education. Credits: 3
 PED 4320 - Organization, Administration, and Curriculum in K-12 Physical Education. Credits: 3
 PED 4340 - Principles of Exercise Physiology. Credits: 3
 PED 4470 - Measurement and Evaluation in Physical Education. Credits: 3

One of the Following:

PED 2106 - Technique and Theory of Team Activities. Credits: 2
 PED 2360 - Techniques and Theory of Softball and Volleyball. Credits: 2
 PED 2380 - Technique and Theory of Flag Football and Basketball. Credits: 2
 PED 2390 - Technique and Theory of Soccer/Speed-ball, and Modified Team Sports. Credits: 2

One of the Following:

PED 2101 - Technique and Theory of Badminton and Tennis. Credits: 2
 PED 2102 - Technique and Theory of Golf and Bowling. Credits: 2
 PED 2103 - Technique and Theory of Track and Field and Weight Training. Credits: 2
 PED 2104 - Technique and Theory of Aerobic Exercise and Strength Training. Credits: 2

One of the Following:

PED 1920 - Ballroom Dance. Credits: 1
 PED 1930 - Square Dance. Credits: 1
 PED 1940 - Jazz Dance. Credits: 1
 PED 2220 - Technique and Theory of Folk, Square, and Ballroom Dance I. Credits: 2
 PED 2230 - Technique and Theory of Modern Dance I. Credits: 2

One of the Following:

PED 1600 - Weight Training. Credits: 1
 or
 PED 1692 - Aerobic Exercise. Credits: 1
 (omit if you have had PED 2850)

RECREATION ADMINISTRATION**B.S. in Recreation Administration**

Department of Recreation Administration programs are accredited by the National Recreation and Park Association.

Major

The Recreation Administration Major Comprises:
 REC 1320 - Leadership in Recreation. Credits: 3
 REC 1780 - Introduction to Leisure Service Agencies. Credits: 3

REC 2250 - Principles of Therapeutic Recreation Credits: 3
 REC 2290 - Programming for Leisure Agencies. Credits: 3
 REC 3550 - Fieldwork in Recreation I. Credits: 3
 or
 REC 3551 - Fieldwork in Recreation II. Credits: 3
 REC 3910 - Microcomputers in Leisure Agencies. Credits: 3
 REC 4274 - Pre-Internship. Credits: 1
 REC 4275 - Internship. Credits: 6
 (6 sem. hrs.)
 REC 4600 - Planning and Design of Leisure Facilities. Credits: 4
 REC 4740 - Research and Evaluation in Leisure Studies. Credits: 3
 REC 4830 - Administration of Leisure Services. Credits: 3
 REC 4850 - Financial Practices for Leisure Service Agencies.
 Credits: 3

17 Semester Hours of REC Electives

REC 2500 - The Challenge of Leisure. Credits: 3
 REC 3111 - Leisure Education and Facilitation Techniques. Credits: 3
 REC 3300 - Commercial and Employee Recreation. Credits: 3
 REC 3310 - Travel and Tourism. Credits: 3
 REC 3320 - Festivals and Special Events. Credits: 3
 REC 3510 - Camp Administration and Leadership. Credits: 2
 REC 3515 - Camping for Individuals with Disabilities. Credits: 3
 REC 3560 - Outdoor Living Skills. Credits: 2
 REC 3860 - Environmental Interpretation. Credits: 2
 REC 3900 - Operation of Leisure Facilities. Credits: 3
 REC 3960 - Special Topics in Leisure Studies. Credits: 1 to 3
 REC 4741 - Independent Study. Credits: 1 to 6
 REC 4950 - Leisure and Aging. Credits: 3

1 Semester Hour of PED Activity Courses**6 Semester Hours of Electives**

6 hrs. of electives from ACC, BUS, ECN, MGT, and MAR approved by advisor and department chair.

PSY 1879G or other 3 Semester Hour Psychology elective approved by advisor and department chair.

Footnotes:

Internship in Recreation should be completed after REC 3550/3551, REC 4274, and the majority of courses in recreation Fieldwork (REC 3551) requires 15 hours per week of practical experience at a field based site along with a one hour weekly class session. Enrollment is limited as sites in the immediate area are limited.
 (Major GPA based on all recreation courses taken at EIU.)

B.S. in Recreation Administration:**Therapeutic Recreation Option****This Option Comprises:**

BIO 2200 - Human Anatomy. Credits: 4
 FCS 1800 - Life Span Human Development. Credits: 3
 HST 2000 - Principles of Human Health. Credits: 3
 PSY 1879G - Introductory Psychology. Credits: 3
 PSY 3780 - Abnormal Psychology. Credits: 3
 REC 1320 - Leadership in Recreation. Credits: 3
 REC 1780 - Introduction to Leisure Service Agencies. Credits: 3
 REC 2250 - Principles of Therapeutic Recreation Credits: 3
 REC 2290 - Programming for Leisure Agencies. Credits: 3
 REC 3111 - Leisure Education and Facilitation Techniques. Credits: 3
 REC 3250 - Program Planning and Administration in Therapeutic Recreation. Credits: 3
 REC 3360 - Therapeutic Recreation Methods and Techniques.
 Credits: 3
 REC 3550 - Fieldwork in Recreation I. Credits: 3
 or
 REC 3551 - Fieldwork in Recreation II. Credits: 3
 REC 3910 - Microcomputers in Leisure Agencies. Credits: 3
 REC 4274 - Pre-Internship. Credits: 1
 REC 4275 - Internship. Credits: 6
 (6 sem. hrs.)
 REC 4355 - Documentation and Professional Practice in Therapeutic Recreation. Credits: 3
 REC 4600 - Planning and Design of Leisure Facilities. Credits: 4
 REC 4740 - Research and Evaluation in Leisure Studies. Credits: 3
 REC 4830 - Administration of Leisure Services. Credits: 3
 REC 4850 - Financial Practices for Leisure Service Agencies.
 Credits: 3

4 Semester Hours of REC Electives Chosen From:

REC 2500 - The Challenge of Leisure. Credits: 3

REC 3300 - Commercial and Employee Recreation. Credits: 3
 REC 3310 - Travel and Tourism. Credits: 3
 REC 3320 - Festivals and Special Events. Credits: 3
 REC 3510 - Camp Administration and Leadership. Credits: 2
 REC 3515 - Camping for Individuals with Disabilities. Credits: 3
 REC 3560 - Outdoor Living Skills. Credits: 2
 REC 3860 - Environmental Interpretation. Credits: 2
 REC 3900 - Operation of Leisure Facilities. Credits: 3
 REC 3960 - Special Topics in Leisure Studies. Credits: 1 to 3
 REC 4741 - Independent Study. Credits: 1 to 6
 REC 4950 - Leisure and Aging. Credits: 3

1 Semester Hour of PED Activity Courses**3 Semester Hours of Electives**

3 hrs. of electives from ACC, BUS, ECN, MGT, MAR approved by advisor and department chair.

3 Hours of Electives for NCTRC Certification Approved by Advisor and Department Chair**

General Education Requirements

General Education Requirements must include:

BIO 1001G - Biological Principles and Issues. Credits: 3
 BIO 2001G - Human Physiology. Credits: 4

Footnotes:

Internship in Recreation should be completed after REC 3550/3551, REC 4274, and the majority of courses in recreation.

Fieldwork (REC 3551) requires 15 hours per week of practical experience at a field based site along with a one hour weekly class session. Enrollment is limited as sites in the immediate area are limited.

* Internship (Recreation Administration 4275) must be served in a clinical, residential or community-based therapeutic program under the supervision of a Certified Therapeutic Recreation Specialist (CTRS) by the National Council for Therapeutic Recreation Certification.

** In order to seek certification by the National Council for Therapeutic Recreation Certification (NCTRC), the student must select courses from at least three of the following six areas: adaptive physical education, biological/physical sciences, human services, psychology, sociology, or special education.

(Major GPA based on all recreation courses taken at EIU.)

Recreation Administration Honors Program

Admission to the Departmental Honors Program requires students to have at least a 3.50 GPA on a 4.0 point scale and permission of the Dean of the Honors College and the Departmental Honors Coordinator.

Students in the Recreation Administration Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their GPA to 3.50 and submit their petition to the Dean of the Honors College and Departmental Honors Coordinator.

Departmental Honors Requirements

REC 4444 - Honors Independent Study. Credits: 1
 REC 4644 - Honors Thesis. Credits: 3
 REC 4666 - Honors Seminar. Credits: 3
 (two times)
 REC 5420 Principles/Philosophy of Leisure. Credits: 2
See Graduate Catalog for course description.

Recreation Administration Minor

Total Semester Hours: 22

12 Semester Hours from the following courses:

REC 1320 - Leadership in Recreation. Credits: 3
 REC 2290 - Programming for Leisure Agencies. Credits: 3
 REC 3550 - Fieldwork in Recreation I. Credits: 3
 or
 REC 3551 - Fieldwork in Recreation II. Credits: 3
 REC 4830 - Administration of Leisure Services. Credits: 3

10 Semester Hours of Electives in Recreation

Electives in recreation selected in consultation with a Recreation Administration advisor.

SPECIAL EDUCATION

The B.S.Ed. in Special Education has two options and three dual certification programs.

This major requires that students follow and meet the requirements for Admission, Retention and Graduation from Teacher Certification programs as described in the "Teacher Certification Programs" section of this catalog and as explained at the University Admission to Teacher Education Meeting which all students must attend. Additional information on Admission, Retention and Graduation for Teacher Certification programs can be found on the College of Education and Professional Studies website at <http://www.eiu.edu/ceps/teached>.

All students must pass the Illinois Certification Test of Basic Skills for selection into teacher education and should complete this requirement no later than their sophomore year.

Students must receive a "C" or better in all professional education courses and maintain a minimum cumulative and major GPA of 2.65 in order to continue in the program.

B.S. in Special Education Major:

Early Childhood Option

Professional Course Work

- CDS 2200 - Language Acquisition. Credits: 3
- EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
- EDU 2022 - Teaching and Learning with Technology in Classrooms. Credits: 2
- ELE 2320 - Childhood and Early Adolescent Development. Credits: 3
OR ELE 2321
- ELE 2321 - Child Growth and Development. Credits: 3
OR ELE 2320
- ELE 4776 - Early Childhood Education: History and Philosophy. Credits: 3
- SPE 2000 - Disabilities in the Context of Education and the Life Span. Credits: 2
- SPE 3000 - Education of Individuals with Exceptional Learning Needs. Credits: 3
- SPE 3100 - Learning Differences of Individuals with Moderate to Severe Exceptional Learning Needs. Credits: 3
- SPE 3200 - Learning Differences of Individuals with Mild/Moderate Exceptional Learning Needs. Credits: 4
- SPE 3201 - Observation of Individuals with Severe to Mild/Moderate Exceptional Learning Needs Across Severity Levels. Credits: 3
- SPE 3220 - Behaviors of Young Children (Birth to 8) At Risk and with Exceptional Learning Needs. Credits: 3
- SPE 3600 - Behavioral Principles in Special Education. Credits: 3
- SPE 3700 - Individualized Independence Curriculum and Materials. Credits: 3
- SPE 4600 - Community Services and Communication with Families of Learners with Exceptional Learning Needs. Credits: 3
- SPE 4700 - Individualized General Curriculum and Materials. Credits: 3
- SPE 4720 - Instructional Materials and Activities for Young Children (Birth to 8) At Risk and with Exceptional Learning Needs. Credits: 3
- SPE 4800 - Diagnosis and Assessment of Learners with Exceptional Learning Needs. Credits: 4
- SPE 4820 - Assessment of Young Children (Birth to 8) With Exceptional Learning Needs. Credits: 3
- SPE 4900 - Instructional Strategies for Individuals with Exceptional Learning Needs. Credits: 6
- SPE 4901 - Practicum with Individuals with Exceptional Learning Needs. Credits: 4
- SPE 4920 - Instructional Strategies: Young Children (Birth through 8) at Risk and with Exceptional Learning Needs. Credits: 3
- SPE 4925 - Communication Skills of Children (Birth to 8) At Risk and with Exceptional Learning Needs. Credits: 3
- STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
- STG 4001 - Student Teaching. Credits: 12-16¹
(register for 16 semester hours)

Other Requirements:

- ENG 3001 - Advanced Composition. Credits: 3
- HST 1120 - Basic CPR. Credits: 1³

- HST 3000 - Health Concepts for Teachers Credits: 2³
- MAT 1420 - Introductory Mathematics and Numeration. Credits: 3²
- MAT 2420G - Introductory Geometry. Credits: 3²
- MAT 3420 - Teaching Mathematics in Grades PreK-6. Credits: 2²
- PED 3000 - Fitness Concepts for Teachers. Credits: 1³
- PLS 1153G or HIS 3600G or an equivalent US Constitution course Senior Seminar

Footnotes:

- ¹ Minimum of eight (8) semester hours in a preschool special education classroom and eight (8) semester hours in an LBS I setting.
- ² These Math courses must be completed with a grade of C or better.
- ³ HST 1120 may be waived with current CPR card. A minimum of three semester hours of HST/PED 3000 required.

Selection to Teacher Education programs should occur following the freshman year but no later than the end of the sophomore year (for transfer students this should occur no later than the end of their first semester. Selection requires that students pass the Illinois Certification Test of Basic Skills.

University Approval to Take Teacher Education Courses should occur at the end of the first semester junior year with Formal University Admission to Teacher Education occurring at the end of the junior year. See the Teacher Certification Program section of this catalog for more information.

One lab science is required with a minimum of 7 semester hours in Science coursework

Successful completion of two courses in a single foreign language is a graduation requirement; 2 years in foreign language in high school with a "C" or better each semester may be substituted for requirement.

As of Fall 2004, the State of Illinois requires that the Special Education LBS I Test be passed prior to commencement of student teaching.

A three-semester hour diversity course or third world/non-western course is required. It may be a Humanities or Social Science course.

B.S. in Special Education Major:

Standard Special Option

Professional Course Work

- CDS 2200 - Language Acquisition. Credits: 3
- EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
- EDF 4450 - Philosophy and History of Education. Credits: 3
- EDU 2022 - Teaching and Learning with Technology in Classrooms. Credits: 2
- ELE 2000 - The Teacher and the School. Credits: 2
- ELE 2320 - Childhood and Early Adolescent Development. Credits: 3
- SPE 2000 - Disabilities in the Context of Education and the Life Span. Credits: 2
- SPE 3000 - Education of Individuals with Exceptional Learning Needs. Credits: 3
- SPE 3100 - Learning Differences of Individuals with Moderate to Severe Exceptional Learning Needs. Credits: 3
- SPE 3200 - Learning Differences of Individuals with Mild/Moderate Exceptional Learning Needs. Credits: 4
- SPE 3201 - Observation of Individuals with Severe to Mild/Moderate Exceptional Learning Needs Across Severity Levels. Credits: 3
- SPE 3600 - Behavioral Principles in Special Education. Credits: 3
- SPE 3700 - Individualized Independence Curriculum and Materials. Credits: 3
- SPE 4530 - Facilitating Language in Individuals with Exceptional Learning Needs. Credits: 3
- SPE 4600 - Community Services and Communication with Families of Learners with Exceptional Learning Needs. Credits: 3
- SPE 4700 - Individualized General Curriculum and Materials. Credits: 3
- SPE 4730 - Curriculum Adaptation and Consultation for Individuals With Exceptional Learning Needs. Credits: 3
- SPE 4800 - Diagnosis and Assessment of Learners with Exceptional Learning Needs. Credits: 4
- SPE 4900 - Instructional Strategies for Individuals with Exceptional Learning Needs. Credits: 6
- SPE 4901 - Practicum with Individuals with Exceptional Learning Needs. Credits: 4
- STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
- STG 4001 - Student Teaching. Credits: 12-16¹
(Register for 16 semester hours)

Other Requirements:

- ENG 3001 - Advanced Composition. Credits: 3
- HST 1120 - Basic CPR. Credits: 1³
- HST 3000 - Health Concepts for Teachers Credits: 2³
- MAT 1420 - Introductory Mathematics and Numeration. Credits: 3²
- MAT 2420G - Introductory Geometry. Credits: 3²
- MAT 3420 - Teaching Mathematics in Grades PreK-6. Credits: 2²

PED 3000 - Fitness Concepts for Teachers. Credits: 1³
 PLS 1153G or HIS 3600G or an equivalent US Constitution course
 Senior Seminar

Footnotes:

¹ Minimum of eight (8) semester hours experience in a high school setting and eight (8) semester hours experience in an elementary/middle grade setting. One of the assignments must be with a "resource" teacher.

² These Math courses must be completed with a grade of C or better.

³ HST 1120 may be waived with current CPR card. A minimum of three semester hours of HST/PED 3000 required.

One lab science is required with a minimum of 7 semester hours in Science coursework

Successful completion of two courses in a single foreign language is a graduation requirement; 2 years in foreign language in high school with a "C" or better each semester may be substituted for requirement.

A three-semester hour diversity course or third world/non-western course is required. It may be a Humanities or Social Science course.

Selection to Teacher Education programs should occur following the freshman year but no later than the end of the sophomore year (for transfer students this should occur no later than the end of their first semester. Selection requires that students pass the Illinois Certification Test of Basic Skills.

University Approval to Take Teacher Education Courses should occur at the end of the first semester junior year with Formal University Admission to Teacher Education occurring at the end of the junior year. See the Teacher Certification Program section of this catalog for more information.

Departmental Approval to Student Teach must be granted prior to Student Teaching. Students must also pass the Illinois Certification Subject Area test for their major prior to student teaching.

As of Fall 2004, the State of Illinois requires that the Special Education LBS I Test be passed prior to commencement of student teaching.

Special Education Honors Program

Admission to the Special Education Honors Program is open to students who meet at least two of the following criteria:

- ACT composite score of 26 or higher or SAT (combined Math and Verb) of 1000 or higher;
- Upper 10 percent of high school graduating class;
- GPA for at least 12 hours of course work undertaken at EIU (may be overall or special education);
- Permission of the Dean of the Honors College and the departmental honors coordinator.

Students in the Special Education Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade-point average to 3.50 and submit their petition to the Director of Honors Programs and Departmental Honors Coordinator.

The Following Special Education Courses are Required:

A Special Education graduate course approved by the Department Honors Coordinator.

SPE 4444 - Honors Independent Studies. Credits: 3

SPE 4644 - Honors Thesis. Credits: 3

SPE 4666 - Honors Seminar. Credits: 3

Twelve hours will be deleted from special education or communication disorders and sciences courses listed in the major by mutual consent of student, Departmental Honors Coordinator, Department Chair, and the Certifying Dean.

Thesis supervision will be undertaken by a faculty member selected by the department honors coordinator and department chair in consultation with the student. A Special Education graduate course approved by the Department Honors Coordinator.

Dual Certification Programs

Early Childhood Special Education/Early Childhood Education, Special Education/Elementary Education, and Special Education/Secondary Education

Early Childhood Special Education and Early Childhood Education

A student desiring dual endorsements on a State of Illinois Early Childhood certificate may do so by supplementing the Early Childhood Handicapped Special Education Option with the aid of an academic advisor in the Department of Special Education. Essentially, the dual endorsements may be accomplished as follows: In addition to all courses in the Early Childhood Handicapped Option, successfully complete:

- Complete 8 s.h. student teaching in an inclusive Early Childhood setting
- 8 s.h. in Special Education, LBS I, with primary age learners.
- ELE 3250 - Facilitating Learning in Early Childhood Programs. Credits: 3
- ELE 3281 - Developmental Reading in Early Childhood. Credits: 3
- ELE 4000 - Practicum in Elementary Curriculum and Instruction. Credits: 1 (twice)
- ELE 4770 - Methods and Curriculum in the Primary Grades. Credits: 3
- ELE 4776 - Early Childhood Education: History and Philosophy. Credits: 3
- ELE 4880 - Diagnostic-Prescriptive Reading Instruction. Credits: 3

Special Education and Elementary Education

Any student desiring to earn the Elementary (K-9 Illinois) certificate in addition to the Standard Special (K-12 Illinois) certificate may do so by supplementing the Standard Special option with the aid of an academic advisor in the Department of Special Education.

Essentially the multiple certification may be accomplished as follows:

- Delete ELE 2000.
- Successfully complete a 15-semester-hour concentration from English, Fine Arts, Foreign Language, General Science, Mathematics, or Social Science. Six (6) sem. hrs. of upper-division work must be included.
- Successfully complete the following courses:
 - ELE 3000 - Instructional Strategies for the Elementary Classroom. Credits: 4
 - ELE 3280 - Developmental Reading in the Elementary School. Credits: 3
 - ELE 3290 - Science in the Elementary School. Credits: 3
 - ELE 3340 - Social Studies for Elementary School Children. Credits: 3
 - ELE 3350 - Language Arts in the Elementary School. Credits: 2
 - ELE 4000 - Practicum in Elementary Curriculum and Instruction. Credits: 1
 - ELE 4880 - Diagnostic-Prescriptive Reading Instruction. Credits: 3
 - PED 3600 - Introduction to Elementary School Physical Education. Credits: 2

Special Education and Secondary Education

Any student desiring to earn the High School (6-12 Illinois) certificate in addition to the Standard Special (K-12 Illinois) certificate may do so by supplementing the Standard Special option with the aid of an academic advisor in the Department of Special Education.

Essentially the multiple certification may be accomplished as follows:

- Delete HST 3000, PED 3000, CDS 2200, ELE 2320 and ELE 2000.
- Successfully complete 32 sem. hrs. in an Academic Area from the list of Academic Areas which follows: Art, Health Studies; Mathematics, Music Education, Spanish, Career and Technical Education: Business Education, Family and Consumer Sciences, or Technology Education.
- Methods courses, while required for certification, cannot be included in the 32 semester hours.
- Successfully complete the following courses:
 - MLE 3110 - Curriculum and Instruction in Middle-Level School. Credits: 3
 - MLE 3150 - Interdisciplinary Teaching in the Middle-Level School. Credits: 3
 - MLE 4000 - Practicum in Middle School Curriculum & Instruction. Credits: 1
 - MLE 4280 - Teaching Reading in the Middle/Secondary School. Credits: 3
 - MLE 4760 - Student Social-Emotional Development in the Middle Grades. Credits: 3

Academic Areas

(All Areas Must Total 32 Semester Hours) - Methods courses cannot be used to meet the 32 semester hour requirement.

Art

(Special K-12 Certificate)

Methods Courses:

ART 3410 - Art Education for Secondary Schools. Credits: 3

ART 3440 - Art for Teachers in the Elementary Grades. Credits: 2

AND

ART 1000 - Drawing I. Credits: 3
 ART 1110 - Two-Dimensional Foundations. Credits: 3
 ART 2050 - Painting I. Credits: 3
 ART 2100 - Sculpture I. Credits: 3
OR ART 2700
 ART 2250 - Ceramics I. Credits: 3
 ART 2700 - Introduction to Jewelry. Credits: 3
OR ART 2100

And electives from the following Art courses to total a minimum of 32 semester hours.

ART 2100 - Sculpture I. Credits: 3
 ART 2330G - Art Appreciation. Credits: 3
 ART 2560 - Printmaking I. Credits: 3
 ART 2601G - History of Art I. Credits: 3
 ART 2700 - Introduction to Jewelry. Credits: 3
 ART 3080 - Watercolor. Credits: 3
 ART 3340G - Multicultural Aesthetics. Credits: 3
 ART 3820 - Textile Design. Credits: 3

Career and Technical Education**Business Education**

(High School 6-12 Certificate)

Students are required to take the following:**Methods Courses:**

CTE 3400 - Methods of Teaching Career and Technical Education. Credits: 3
 CTE 3401 - Seminar in Teaching Keyboarding and Computer Applications. Credits: 2

AND/OR

CTE 3402 - Seminar in Teaching Basic Business and Accounting. Credits: 2

AND

BUS 1950 - Computer Concepts and Applications for Business. Credits: 3
 CTE 1420 - Survey of Business Principles. Credits: 3
 CTE 3000 - Consumers in the Marketplace. Credits: 3
 ECN 2801G - Principles of Macroeconomics. Credits: 3
 ECN 2802G - Principles of Microeconomics. Credits: 3

AND

MIS 3515 - Information Presentation. Credits: 3
 MIS 3530 - Business Web Site Design. Credits: 3
 MIS 3505 - Advanced Microcomputer Applications and Development. Credits: 3
OR MIS 3200 - Networking Fundamentals. Credits: 3

OR

BUS 2101 - Financial Accounting. Credits: 3
 BUS 2102 - Managerial Accounting. Credits: 3
 BUS 3710 - Business Financial Management. Credits: 3

AND

Electives from Business, Career and Technical Education, or Management Information Systems to total a minimum of 32 semester hours.

Family and Consumer Sciences

(High School 6-12 Certificate)

Methods Courses:

CTE 3400 - Methods of Teaching Career and Technical Education. Credits: 3
 CTE 3403 - Seminar in Teaching Family and Consumer Sciences. Credits: 2

AND

FCS 1000 - Foundations of Family and Consumer Sciences. Credits: 2
 FCS 1120 - Food Selection and Preparation. Credits: 3
 FCS 1121 - Food Service Sanitation. Credits: 1
 FCS 2100 - Nutrition in a Global Society. Credits: 3
 FCS 2140 - Quantity Food Production. Credits: 3
 FCS 2234 - Clothing and Soft Goods Construction. Credits: 3
 FCS 2244 - Consumer Textiles: Care and Production. Credits: 3
 FCS 2800 - Family Relationships. Credits: 3
 FCS 2850 - Child Development. Credits: 3

FCS 3300 - Consumer Education. Credits: 3

AND

Electives from Family and Consumer Sciences to total a minimum of 32 semester hours.

Technology Education

(High School 6-12 Certificate)

Methods Courses:

CTE 3400 - Methods of Teaching Career and Technical Education. Credits: 3
 CTE 3404 - Seminar in Teaching Technology. Credits: 2

AND

nine semester hours in a single technical area**

AND

INT 1363 - Graphic Communication Technologies. Credits: 3
 INT 1413 - Technological Systems. Credits: 3
 INT 2064 - Manufacturing Processes. Credits: 3
 INT 2324 - Electronic Control Systems. Credits: 3

AND

Electives from Industrial Technology to total a minimum of 32 semester hours.

Health Studies

(High School 6-12 Certificate)

Methods Course:

HST 3400 - Methods of Teaching/Curriculum Development in Health. Credits: 3

AND

BIO 2001G - Human Physiology. Credits: 4
 HST 2000 - Principles of Human Health. Credits: 3
 HST 2270 - Community Health. Credits: 3
 HST 3199 - Microcomputers and Health Applications. Credits: 3
 HST 3200 - School Health. Credits: 3
 HST 3500 - Human Sexuality. Credits: 3
 HST 3750 - Health Care Delivery Systems. Credits: 3
 HST 4800 - Drugs and Society. Credits: 3

AND

Electives from at least two of the component areas designated in this catalog under the Health Studies Minor to total a minimum of 32 semester hours.

Mathematics

(High School 6-12 Certificate)

Method Course:

MAT 3400 - Teaching Secondary Mathematics. Credits: 4

AND

MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
 MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
 MAT 2443 - Calculus and Analytic Geometry III. Credits: 4
 MAT 2550 - Introduction to Linear Algebra. Credits: 3
 MAT 2800 - Foundations of Mathematics. Credits: 3
 MAT 3271 - College Geometry I. Credits: 3
 MAT 3530 - Abstract Algebra. Credits: 4
 MAT 3701 - Probability and Statistics I. Credits: 3
 MAT 4800 - Diagnosis, Remediation and Technology in Teaching Mathematics, K-12. Credits: 2

AND

Electives from Mathematics above 3000, if needed to total a minimum of 32 semester hours.**

Music Education

(Special K-12 Certificate)

Total Semester Hours: 32

Methods Courses:

MUS 3155 - Choral Conducting and Literature. Credits: 1
 MUS 3440 - Methods and Materials of Vocal and General Music. Credits: 4

OR

MUS 3400 - Methods and Materials of Teaching Instrumental Music
Credits: 4

AND

MUS 1103 - Recital. Credits: Audit only
(two semesters)
MUS 1541 - Music Theory I. Credits: 3
MUS 1542 - Music Theory II. Credits: 3
MUS 1543 - Aural Training in Music. Credits: 1
MUS 1544 - Aural Training in Music. Credits: 1
MUS 2155 - Conducting I. Credits: 2
MUS 2440 - Introduction to Music Education. Credits: 1
MUS 2541 - Music Theory III. Credits: 3
MUS 3584 - History and Literature of Music I. Credits: 3

AND

MUS 3585 - History and Literature of Music II. Credits: 3
OR
MUS 3586 - History and Literature of Music III. Credits: 3

Two semester hours from the following courses:

(determined by advisement and auditions)

MUS 1136 - Class Instruction in Voice. Credits: 1
MUS 2205 - Keyboard Skills I. Credits: 1

OR

MUS 2206 - Keyboard Skills II. Credits: 1

2 semesters of

MUS 0230 - Concert Choir. Credits: 1

OR

MUS 0231 - University Mixed Chorus. Credits: 1

Applied Study for four semesters**AND**

Electives from Music to total a minimum of 32 semester hours

Spanish

(Special K-12 Certificate)

Methods Courses:

FLE 3400 - Methods of Teaching Foreign Language. Credits: 3
FLS 3401 - Cadet Teaching. Credits: 1 to 3

AND

FLS 3510 - Introduction to Modern Spanish Literature. Credits: 3

AND

Electives from Spanish to total a minimum of 32 semester hours***

Footnotes:

** Appropriate electives should be chosen in consultation with an advisor in the academic department.

*** Student must consult with advisor in foreign languages to determine starting level and optional course work.

COLLEGE OF SCIENCES

Mary Anne Hanner, *Dean*

Godson Obia, *Associate Dean*

Barbara Kuykendall, *Assistant to the Dean*

General Mission

The College of Sciences offers high quality undergraduate and graduate education in mathematics, the natural sciences and the social sciences. Students gain knowledge, skills and values that enable them to become productive and responsible citizens with a capacity for reasoned judgment and effective communication. Guided by a faculty known for its commitment to teaching, students are offered outstanding educational opportunities through the disciplines represented in the College of Sciences. The College contributes to the sciences through research and scholarly activities, and is committed to academic, professional and community service.

The College of Sciences provides programs leading to the Bachelor of Arts degree in five majors, one of which is offered with a teacher certification option. The College provides programs leading to the Bachelor of Science degree in eight majors. The B.S. in Science with Teacher Certification major offers specializations in Biological Sciences, Chemistry, Earth Sciences and Physics. The College of Sciences departments of Geology/Geography, Political Science, Psychology and

Sociology/ Anthropology offer designations in the Social Science Teaching major. International studies options are available in economics and political science. Physics offers options in applied physics, astronomy, computational physics and radiation physics and Biological Sciences offers an environmental biology option. Cooperative Bachelor of Science degrees are provided in engineering, physics with engineering physics option and clinical laboratory science. In addition to interdisciplinary minors in anthropology, Asian studies, broadcast meteorology, criminology, and pre-law, the College also offers minors in ten disciplines. The College has Honors Programs in biological sciences, chemistry, communication disorders and sciences, economics, geography, geology, mathematics, physics, political science, psychology and sociology.

At the graduate level, the College offers four programs which lead to the Master of Arts degree and four programs which lead to the Master of Science degree, including a Master of Sciences degree for Natural Science teachers. The College also offers a Specialist Degree in school psychology and participates in the interdisciplinary program in gerontology. See the EIU Graduate Catalog for further information about graduate programs.

Faculty in the College of Sciences**Biological Sciences (217.581.3126)**

Andrew S. Methven, *Chairperson*

Robert U. Fischer Jr., *Associate Chairperson*

Bollinger, E.; Bulla, G.; Carlswald, B.; Coons, J.; Costa, C.; Daniel, S.; Fritz, A.; Fritz, G.; Gaines, K.; Laursen, J.; Liu, Z.; Marjanovic, M.; McGilliard, K.; Meiners, S.; Miller, B.G.; Mullin, S.; Nathan, B.; Nelson, T.; Novak, J.; Owen, H.; Pederson, C.; Switzer, P.; Tucker, G.

Chemistry (217.581.3322)

Doug Klarup, *Chairperson*

Blitz, J.; Chestnut, R.; Lawrence, B.; Marquart, J.; McGuire, M.; Peebles, R.; Peebles, S.; Periyannan, G.; Sheeran, D.; Treadwell, E.; Tremain, S.; Wheeler, K.

Communication Disorders and Sciences (217.581.2712)

Gail Richard, *Chairperson*

Becker, T.; Beckman, A.; Bergstrom, B.; Calvert, L.; Chambers, C.; Dell, C.; Fahy, J.; Goldacker, F.; Smitley, J.; Throneburg, R.; Veale, T.; Wilson, B.

Economics (217.581.2719)

Ebrahim Karbassioon, *Chairperson*

Abebe, T.; Brodsky, N.; Bruehler, J.; Dao, M.; Fahy, P.; Ghent, L.; Grant, A.; Hake, E.; Li, H.; Mason, T.; Moshtagh, A.; Thompson, W.; Upadhyay, M.

Geology/Geography (217.581.2626)

John Paul Stimac, *Chairperson*

Bower, K.; Chesner, C.; Cornebise, M.; Davis, J.; Gutowski, V.; Jorstad, R.; Khan, B.; Over, T.; Smith, B.; Stratton, J.

Mathematics and Computer Science (217.581.2028)

Peter Andrews, *Chairperson*

Anderson, R.; Bishop, J.; Boyd, D.; Broline, D.; Comerford, J.; Comerford, L.; Coulton, P.; Davis, A.; Delman, C.; Galperin, G.; Glazebrook, J.; Gordon, Y.; Hawker, C.; Henn, J.; Jeon, K.; Lassak, M.; Mertz, A.; Ronsse, G.; Rosenholtz, I.; Slough, W.; Van Cleave, N.; Weaver, M.; White, A.; Wolcott, K.

Physics (217.581.3220)

Leonard Storm, *Chairperson*

Aryajnejad, S.; Brandt, D.; Conwell, J.; Daniels, S.; Pakey, D.; Zou, J.

Political Science (217.581.2523)

Richard Wandling, *Chairperson*

Anderson, K.; Ashley, J.; Barria, L.; Carwell, D.; Hendrickson, R.; McNitt, A.; Mueller, M.; Poole, B.; Roper, S.; Swenson, K.

Psychology (217.581.2127)

William Addison, *Chairperson*

Bernas, R.; Best, J.; Brito, C.; Canivez, G.; Deptula, D.; Gruber, R.; HaileMariam, A.; Hanft-Martone, M.; Havey, J.; Heller, M.; Leal, L.; McCormick, C.; Rauch, S.; Scher, S.; Schoonover, C.; Sharma, A.; Spencer, W.; Stowell, J.; Williams, J.; Wilson, K.

Sociology-Anthropology (217.581.3123)Gary Foster, *Chairperson*

Benedict, W.R.; Cosby, J.; Deerman, E.; Eckert, C.; Hendrickson, D.; Holly, D.; Kashefi, M.; Lovekamp, W.; New-Freeland, L.; Swartzbaugh, R.

Committee Program Coordinators

Environmental Biology	Robert Fischer
Medical Professions	Jeff Laursen
Pre-Engineering Studies	Leonard Storm
Pre-Legal Studies	Karen Swenson

Programs in the College of Sciences**BIOLOGICAL SCIENCES****B.S. in Biological Sciences****Major****Core Requirements:**

BIO 1100 - General Biology. Credits: 4
 BIO 1150 - Biology Forum Credits: 1
 BIO 1200G - General Botany. Credits: 4
 BIO 1300G - Animal Diversity. Credits: 4
 BIO 3100 - Molecular and Cell Biology. Credits: 3
 BIO 3101 - Molecular and Cell Biology Laboratory. Credits: 1
 BIO 3200 - Genetics. Credits: 4
 BIO 3800 - Ecology. Credits: 4
 BIO 4984 - Organic Evolution. Credits: 3
 CHM 1310G - General Chemistry I. Credits: 3
 CHM 1315G - General Chemistry Laboratory I. Credits: 1
 CHM 1410 - General Chemistry II. Credits: 3
 CHM 1415 - General Chemistry Laboratory II. Credits: 1
 MAT 1441G - Calculus and Analytic Geometry I. Credits: 5*
 PHY 1151G - Principles of Physics I. Credits: 3
 PHY 1152G - Principles of Physics I Laboratory. Credits: 1
 PHY 1161 - Principles of Physics II. Credits: 3
 PHY 1162 - Principles of Physics II Laboratory. Credits: 1

AND

CHM 2430 - Survey of Organic Chemistry. Credits: 3
 CHM 2435 - Survey of Organic Chemistry Laboratory. Credits: 1

OR

CHM 2440 - Organic Chemistry I. Credits: 3
 CHM 2445 - Organic Chemistry Laboratory I. Credits: 1

AND

BIO 4750 - Biometrics. Credits: 3

OR

MAT 2250G - Elementary Statistics. Credits: 4

AND

BIO 3510 - Plant Physiology. Credits: 4

OR

BIO 3520 - Animal Physiology. Credits: 4

Electives:

Biological Sciences majors must also complete 21 sh of elective course work in Biological Sciences (with the exception of BIO 3400, BIO 4275, workshops, and courses designed for General Education) or Mathematics or Physical Sciences courses above 2000 (with the exception of general education and CHM 2310). A minimum of 15 sh must be taken in the Biological Sciences.

Footnotes:

* Students not prepared for this course will be required to take additional prerequisite math classes.

(Major GPA based on all biological sciences courses taken at EIU)

B.S. in Biological Sciences:**Environmental Biology Option**

An option in the Biological Sciences (B.S.) offerings.

Core Requirements:

Biological Sciences majors with an Environmental Biology Option must complete a core which includes the following courses and a 15-semester hours of electives selected from the Option Electives list below.

BIO 1100 - General Biology. Credits: 4
 BIO 1150 - Biology Forum Credits: 1
 BIO 1200G - General Botany. Credits: 4
 BIO 1300G - Animal Diversity. Credits: 4
 BIO 3100 - Molecular and Cell Biology. Credits: 3
 BIO 3101 - Molecular and Cell Biology Laboratory. Credits: 1
 BIO 3200 - Genetics. Credits: 4
 BIO 3510 - Plant Physiology. Credits: 4
OR
 BIO 3520 - Animal Physiology. Credits: 4
 BIO 3800 - Ecology. Credits: 4
 BIO 3850 - Environmental Biology. Credits: 3
 BIO 4275 - Internship. Credits: 12
 BIO 4984 - Organic Evolution. Credits: 3
 CHM 1310G - General Chemistry I. Credits: 3
 CHM 1315G - General Chemistry Laboratory I. Credits: 1
 CHM 1410 - General Chemistry II. Credits: 3
 CHM 1415 - General Chemistry Laboratory II. Credits: 1
 CHM 2430 - Survey of Organic Chemistry. Credits: 3
 CHM 2435 - Survey of Organic Chemistry Laboratory. Credits: 1
 ECN 2800G - Economics of Social Issues. Credits: 3
 MAT 1441G - Calculus and Analytic Geometry I. Credits: 5¹
 PLS 3763 - Environmental Politics and Policy. Credits: 3

AND

BIO 4750 - Biometrics. Credits: 3

OR

MAT 2250G - Elementary Statistics. Credits: 4

Option Electives:

Option electives to choose from (15 semester hours required):

BIO 3300 - General Microbiology. Credits: 4
 BIO 3322 - Dendrology. Credits: 3
 BIO 3450 - Independent Study. Credits: 1 to 3
 BIO 3451 - Undergraduate Research. Credits: 1 to 3
 BIO 3700 - Parasitology. Credits: 3
 BIO 3710 - Plant – Animal Interactions. Credits: 3
 BIO 3720 - Entomology. Credits: 4
 BIO 3810 - Freshwater Ecology. Credits: 3
 BIO 3950 - Vertebrate Natural History. Credits: 3
 BIO 3952 - Invertebrate Natural History. Credits: 3
 BIO 4400 - Teaching in the Lab. Credits: 1
 BIO 4810 - Plant Ecology. Credits: 3
 BIO 4820 - Spatial Analysis for Environmental Sciences. Credits: 4
 BIO 4840 - Resource Management and Environmental Assessment Credits: 3
 BIO 4812 - Fisheries Ecology and Management. Credits: 3
 BIO 4814 - Conservation Biology. Credits: 3
 BIO 4816 - Study of Biotic Communities. Credits: 3
 BIO 4818 - Environmental Microbiology. Credits: 4
 BIO 4832 - Animal Behavior. Credits: 4
 BIO 4940 - Phycology. Credits: 3
 BIO 4942 - Mycology. Credits: 3
 BIO 4944 - Lichens. Credits: 3
 BIO 4946 - Bryology. Credits: 3
 BIO 4948 - Plant Taxonomy. Credits: 3
 BIO 4950 - Ichthyology. Credits: 3
 BIO 4952 - Herpetology. Credits: 3
 BIO 4954 - Ornithology. Credits: 3
 BIO 4956 - Mammalogy. Credits: 3
 BIO 4960 - Wetland and Vascular Aquatic Plants. Credits: 3
 ECN 3810 - Economics of Natural Resources. Credits: 3
 ESC 3300 - Soils. Credits: 3
 ESC 3550 - Surface Water Processes and Resources. Credits: 3
 GEG 3780 - Land Use Planning. Credits: 3
 GEG 4890 - Geographic Information Systems. Credits: 3
 GEL 4335 - Environmental Geology. Credits: 3
 REC 3860 - Environmental Interpretation. Credits: 2
 REC 3900 - Operation of Leisure Facilities. Credits: 3

REC 4600 - Planning and Design of Leisure Facilities. Credits: 4

AND

CMN 3920 - Public Relations in Society Credits: 3

OR

JOU 3920 - Public Relations in Society. Credits: 3

Footnotes:

(Major GPA based on all biological sciences courses taken at EIU)

¹ Students not prepared for this course will be required to take additional prerequisite math classes.

Biological Sciences Teacher Certification

See the Science with Teacher Certification Major program (Biological Sciences Specialization).

Biological Sciences Honors Program

To be admitted to the Departmental Honors Program, students must have completed a minimum of 60 semester hours of course work (including transfer credit) with a 3.50/4.00 cumulative grade point average. Students admitted to the program must maintain a cumulative grade point average of 3.50. Students dismissed from the program because their cumulative grade point average has fallen below 3.50 may petition for readmission. Students must raise their cumulative grade point average to 3.50 by the end of the term immediately following dismissal for reinstatement.

Total Semester Hours 12

Students must take at least three credit hours in Honors Thesis, nine additional credits in Biological Sciences Honors courses, and complete all other requirements for the major. Honors Thesis supervision will be undertaken by a faculty member and must be approved by the Departmental Honors Coordinator. Credits in honors courses will replace 12 credit hours of electives in the major.

BIO 4444 - Honors Independent Study. Credits: 1 to 3

BIO 4555 - Honors Research. Credits: 1 to 3

BIO 4644 - Honors Thesis. Credits: 3

BIO 4666 - Honors Seminar. Credits: 1

Biological Sciences Minor

Total Semester Hours: 21

BIO 1100 - General Biology. Credits: 4

BIO 1200G - General Botany. Credits: 4

BIO 1300G - Animal Diversity. Credits: 4

Electives in Biological Sciences. Credits: 9^{1,2}

Footnotes:

¹ With the exception of BIO 3400, 4275, workshops, and courses designed for General Education.

² A minimum of 6 sh must be at or above the 3000 level.

**PRE-MEDICAL INFORMATION (PRE-MEDICINE,
PRE-DENTISTRY, PRE-VETERINARY MEDICINE)**

PRE-MEDICAL INFORMATION (Pre-Medicine, Pre-Dentistry, Pre-Veterinary Medicine)

Since these schools admit few, if any, applicants without a bachelor's degree, students desiring the M.D., D.O., D.D.S. or D.V.M. degree should plan to complete a bachelor's degree as part of their preparation. Programs leading to the BA or the BS degree in a variety of majors are suitable although most students select a major in biological sciences or chemistry. When registering, such students must indicate their choice of degree-granting major, and declare Pre-Medicine, Pre-Dentistry, or Pre-Veterinary Medicine as a second major. It is recommended that the program be enriched with electives in social and behavioral sciences, humanities, and fine arts. Competitive applicants must have a strong gpa, high scores on specific entrance exams, and experience in the field. All students interested in a career in medicine should consult with the Chairperson, Medical Professions Committee, for information regarding specific admission requirements. More information concerning these programs at EIU is available at <http://www.eiu.edu/~premed/>.

Pre-Medicine Information

Students apply through a central application service one full year before matriculating to a medical school, and should be prepared to take the Medical College Admissions Test (MCAT) during the spring semester of the year in which they are applying.

Pre-Dentistry Information

Pre-Dentistry students are urged to complete at least three years of college work before applying for admission to dental school. All applicants for dental school are required to take the dental admission test (D.A.T.) given by the American Dental Association.

Pre-Veterinary Medicine Information

Few students are accepted into a veterinary school prior to earning the baccalaureate degree. Application is through a central application service, and students must take the GRE exam.

Minimum Requirements (For Pre-Medicine, Pre-Dentistry, Pre-Veterinary Medicine)

BIO 1100 - General Biology. Credits: 4

BIO 1300G - Animal Diversity. Credits: 4

CHM 1310G - General Chemistry I. Credits: 3

CHM 1315G - General Chemistry Laboratory I. Credits: 1

CHM 1410 - General Chemistry II. Credits: 3

CHM 1415 - General Chemistry Laboratory II. Credits: 1

CHM 2440 - Organic Chemistry I. Credits: 3

CHM 2445 - Organic Chemistry Laboratory I. Credits: 1

CHM 2840 - Organic Chemistry II. Credits: 3

CHM 2845 - Organic Chemistry Laboratory II. Credits: 1

ENG 1001G - Composition and Language. Credits: 3

ENG 1002G - Composition and Literature. Credits: 3

Physics:**Either**

PHY 1151G - Principles of Physics I. Credits: 3

PHY 1152G - Principles of Physics I Laboratory. Credits: 1

PHY 1161 - Principles of Physics II. Credits: 3

PHY 1162 - Principles of Physics II Laboratory. Credits: 1

OR

PHY 1351G - General Physics I. Credits: 3

PHY 1352G - General Physics I Laboratory. Credits: 1

PHY 1361 - General Physics II. Credits: 3

PHY 1362 - General Physics II Laboratory. Credits: 1

Recommended Electives (may be required by some programs)

BIO 2200 - Human Anatomy. Credits: 4

BIO 3100 - Molecular and Cell Biology. Credits: 3

BIO 3200 - Genetics. Credits: 4

BIO 3300 - General Microbiology. Credits: 4

BIO 3520 - Animal Physiology. Credits: 4

CHM 3450 - Biochemistry I. Credits: 3

**PRE-NURSING, OPTOMETRY, PHARMACY,
CHIROPRACTIC, PHYSICIAN'S ASSISTANT,
PHYSICAL THERAPY PROGRAMS**

Pre-Nursing, Optometry, Pharmacy, Chiropractic, Physician's Assistant, Physical Therapy Programs

These programs are administered by the Medical Professions Committee. They are flexible programs designed for students who desire one or more years of college work to prepare for admission to health related professional schools. Detailed information is available in the office of the Chairperson, Medical Professions Committee. More information concerning these programs at EIU is available at <http://www.eiu.edu/~premed/>.

Eastern Illinois University has a cooperative Baccalaureate in Nursing program with Lakeview College of Nursing, Danville, IL in which students who wish to complete a BSN can remain on the EIU campus while enrolled in the Lakeview College of Nursing program. Students must apply to and meet the admission criteria for Lakeview and EIU. When enrolled in the Lakeview program, students pay tuition to Lakeview. The degree is awarded from Lakeview College of Nursing.

Eastern Illinois University has entered into a "3+3" affiliation agreement with Logan College of Chiropractic (LCC). This guaranteed admissions program allows qualified students to attend Logan after 3 years (90 credits) at Eastern and finish a doctor of Chiropractic degree after 3 additional years at Logan. Under the 2004 agreement, Logan College of Chiropractic shall accept students who successfully complete the Pre-Chiropractic Program with a cumulative GPA of 3.25 or higher and meet all other criteria for admission. Upon completion of the first year of studies at LCC, a maximum of 34 LCC credits may be transferred back to

EIU toward completion of credits required for the Bachelor of Science in Biological Sciences degree at Eastern.

CHEMISTRY

B.S. in Chemistry

Major

The Chemistry Major is comprised of the following courses and one of the Chemistry Concentrations listed below.

Students who have completed college-level, algebra-based physics courses (e.g., PHY 1151G, 1152G, 1161, 1162) should consult the department chair.

- CHM 1310G - General Chemistry I. Credits: 3
- CHM 1315G - General Chemistry Laboratory I. Credits: 1
- CHM 1410 - General Chemistry II. Credits: 3
- CHM 1415 - General Chemistry Laboratory II. Credits: 1
- CHM 2310 - Inorganic Chemistry I. Credits: 3
- CHM 2440 - Organic Chemistry I. Credits: 3
- CHM 2445 - Organic Chemistry Laboratory I. Credits: 1
- CHM 2730 - Quantitative Analysis. Credits: 3
- CHM 2840 - Organic Chemistry II. Credits: 3
- CHM 2845 - Organic Chemistry Laboratory II. Credits: 1
- CHM 3000 - Undergraduate Seminar. Credits: Audit only
- CHM 3001 - Undergraduate Seminar. Credits: 1
- CHM 3500 - Introduction to Chemical Research. Credits: 1
- CHM 3780 - Instrumental Analysis. Credits: 3
- CHM 3910 - Chemical Thermodynamics and Kinetics. Credits: 3
- CHM 3915 - Physical Chemistry Laboratory. Credits: 2
- MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
- MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
- PHY 1351G - General Physics I. Credits: 3
- PHY 1352G - General Physics I Laboratory. Credits: 1
- PHY 1361 - General Physics II. Credits: 3
- PHY 1362 - General Physics II Laboratory. Credits: 1

Chemistry Concentrations:

1. Chemistry¹

Total Semester Hours: 22

Six semester hours of electives in Chemistry²

- CHM 3450 - Biochemistry I. Credits: 3
- CHM 3920 - Quantum Chemistry. Credits: 3
- CHM 4000 - Undergraduate Seminar. Credits: 0
- CHM 4001 - Undergraduate Seminar. Credits: 1
- CHM 4770 - Molecular Spectroscopy. Credits: 3
- CHM 4900 - Inorganic Chemistry II. Credits: 3
- CHM 4915 - Advanced Laboratory Credits: 3

2. Biochemistry

Total Semester Hours: 29

- BIO 1100 - General Biology. Credits: 4
- CHM 3450 - Biochemistry I. Credits: 3
- CHM 3455 - Biochemistry Laboratory. Credits: 2
- CHM 3460 - Biochemistry II. Credits: 3
- CHM 3920 - Quantum Chemistry. Credits: 3
- CHM 4000 - Undergraduate Seminar. Credits: 0
- CHM 4001 - Undergraduate Seminar. Credits: 1
- CHM 4860 - Biochemistry III. Credits: 3

AND³

BIO 3200 - Genetics. Credits: 4

OR

BIO 3300 - General Microbiology. Credits: 4

AND Six Semester Hours of Electives in Chemistry² or From the Following:

- BIO 3200 - Genetics. Credits: 4
- BIO 3210 - Immunology. Credits: 3
- BIO 3300 - General Microbiology. Credits: 4
- BIO 3510 - Plant Physiology. Credits: 4
- BIO 3520 - Animal Physiology. Credits: 4
- BIO 3622 - Embryology. Credits: 4
- BIO 4830 - Comparative Vertebrate Physiology. Credits: 3
- BIO 4834 - Neurobiology. Credits: 3
- BIO 4836 - Pathogenic Microbiology. Credits: 4

3. Management

Total Semester Hours: 27

- BUS 2101 - Financial Accounting. Credits: 3
- BUS 2102 - Managerial Accounting. Credits: 3
- BUS 3010 - Management and Organizational Behavior. Credits: 3
- BUS 3470 - Principles of Marketing. Credits: 3
- BUS 3710 - Business Financial Management. Credits: 3
- ECN 2801G - Principles of Macroeconomics. Credits: 3
- ECN 2802G - Principles of Microeconomics. Credits: 3
- PHI 3050G - Social and Political Philosophy. Credits: 3

Three Semester Hours of Electives Either in Chemistry⁴ or From the Following:

- BUS 1950 - Computer Concepts and Applications for Business. Credits: 3
- BUS 2810 - Business Statistics I. Credits: 3
- BUS 3950 - Operations Management. Credits: 3
- ECN 3860 - International Economics. Credits: 3
- MAR 3490 - Business-to-Business Marketing. Credits: 3
- MAR 3720 - Consumer Behavior. Credits: 3
- MAR 4490 - International Marketing. Credits: 3
- MGT 3800 - Introduction to Operations Research. Credits: 3
- MGT 3830 - Managerial Communications. Credits: 3
- MGT 4310 - Organizational Behavior. Credits: 3
- MGT 4340 - Strategic Quality Management. Credits: 3

Footnotes:

(Major GPA based on all chemistry courses taken at EIU.)

¹ Approved by the Committee on Professional Training of the American Chemical Society.

² The following may not be used as electives: Chemistry 1040G, 2040G, 3100 and 3200.

³ One course is required in concentration; the other may be used as an elective

⁴ The following may not be used as electives: Chemistry 1040G, 2040G, 3100, 3200, and 4001.

Chemistry Teacher Certification

See the Science with Teacher Certification Major program, (Chemistry Specialization).

Chemistry Honors Program

To be admitted to the Departmental Honors Program, students must have at least a 3.50 GPA on a 4.0 point scale, permission of the Dean of the Honors College, and permission of the Departmental Honors Coordinator.

Students in the Chemistry Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade-point average to 3.50 and submit their petition to the Dean of the Honors College and Departmental Honors Coordinator.

Departmental Honors Requirements

At least 12 semester hours in the following courses:

Six Required Semester Hours From:

- CHM 4555 - Honors Research. Credits: 1 to 3
(2 semester hours required)
- CHM 4644 - Honors Thesis. Credits: 3
- CHM 4666 - Honors Seminar. Credits: 1

Six or More Semester Hours Elected From:

- A Chemistry graduate course approved by the Departmental Honors Coordinator. Credits: 3

CHM 4444 - Honors Independent Study. Credits: 1 to 3

CHM 4555 - Honors Research. Credits: 1 to 3

Chemistry Minor

Total Semester Hours: 21

Requirements

The Chemistry Minor is comprised of the following courses as well as either Track I or Track II below.

- CHM 1310G - General Chemistry I. Credits: 3
- CHM 1315G - General Chemistry Laboratory I. Credits: 1
- CHM 1410 - General Chemistry II. Credits: 3
- CHM 1415 - General Chemistry Laboratory II. Credits: 1

CHM 2730 - Quantitative Analysis. Credits: 3

BIO 3520 - Animal Physiology. Credits: 4

Track I -- 10 Semester Hours

Four Semester Hours from the following courses:

- CHM 2430 - Survey of Organic Chemistry. Credits: 3
CHM 2435 - Survey of Organic Chemistry Laboratory. Credits: 1

And six semester hours of electives in Chemistry¹ from the following:

- CHM 2310 - Inorganic Chemistry I. Credits: 3
CHM 3300 - Survey of Biochemistry. Credits: 3
CHM 3780 - Instrumental Analysis. Credits: 3
CHM 3910 - Chemical Thermodynamics and Kinetics. Credits: 3
CHM 3920 - Quantum Chemistry. Credits: 3
CHM 4400 - Undergraduate Research. Credits: 1 to 6

Track II-- 10 Semester Hours

Seven Semester Hours from the following courses:

- CHM 2440 - Organic Chemistry I. Credits: 3
CHM 2445 - Organic Chemistry Laboratory I. Credits: 1
CHM 2840 - Organic Chemistry II. Credits: 3

And three semester hours of electives in Chemistry¹ from the following:

- CHM 2310 - Inorganic Chemistry I. Credits: 3
CHM 3300 - Survey of Biochemistry. Credits: 3
CHM 3450 - Biochemistry I. Credits: 3
CHM 3780 - Instrumental Analysis. Credits: 3
CHM 3910 - Chemical Thermodynamics and Kinetics. Credits: 3
CHM 3920 - Quantum Chemistry. Credits: 3
CHM 4400 - Undergraduate Research. Credits: 1 to 6
CHM 4750 - Environmental Chemistry. Credits: 3
CHM 4790 - Medicinal Chemistry. Credits: 3
CHM 4800 - Selected Topics in Chemistry. Credits: 1 to 3

Footnote:

¹ Check course prerequisites.

CLINICAL LABORATORY SCIENCE

B.S. in Clinical Laboratory Science

This cooperative degree program, administered by the Medical Professions Committee, leads to the Bachelor of Science degree. It is a four-year program including three years of college work followed by one year of work in an affiliated hospital. The degree requires 120 semester hours of credit including 90 semester hours at EIU (or a combination of transfer credits and credits earned at Eastern totaling 90 semester hours) and 32 semester hours credit for successful completion of a one-year program in clinical laboratory science at an affiliated hospital.

After completing 45 semester hours of this program, a student should apply to the Medical Professions Committee for admission into the Clinical Laboratory Science program. Approval by the Committee is required for admission to and continuation in the program. The decisions of the committee are based on the availability of spaces in approved affiliated hospitals for the fourth year of the program as well as the applicant's academic qualifications. Students should have demonstrated at least a 2.75 GPA both cumulatively and in their biological science and chemistry courses, or they will be put on probationary status until these minima are met. Admission to the Clinical Laboratory Science program does not insure admission to an affiliated hospital program. EIU cannot guarantee admission to any of its affiliated hospitals.

Major

The Clinical Laboratory Science Major comprises:

Biology Requirements

- BIO 1100 - General Biology. Credits: 4
BIO 1300G - Animal Diversity. Credits: 2
BIO 3100 - Molecular and Cell Biology. Credits: 3
OR
BIO 3200 - Genetics. Credits: 4
BIO 3210 - Immunology. Credits: 3
BIO 3300 - General Microbiology. Credits: 4

AND

- BIO 2001G - Human Physiology. Credits: 4
OR

Chemistry Requirements

16 Credits of Chemistry through Organic with lab to include:

- CHM 1310G - General Chemistry I. Credits: 3
CHM 1315G - General Chemistry Laboratory I. Credits: 1
CHM 1410 - General Chemistry II. Credits: 3
CHM 1415 - General Chemistry Laboratory II. Credits: 1

Then Either

- CHM 2430 - Survey of Organic Chemistry. Credits: 3
CHM 2435 - Survey of Organic Chemistry Laboratory. Credits: 1
CHM 2730 - Quantitative Analysis. Credits: 3
CHM 3300 - Survey of Biochemistry. Credits: 3
OR
CHM 2440 - Organic Chemistry I. Credits: 3
CHM 2445 - Organic Chemistry Laboratory I. Credits: 1
CHM 2840 - Organic Chemistry II. Credits: 3
CHM 2845 - Organic Chemistry Laboratory II. Credits: 1

Mathematics Requirements

- MAT 1271 - College Algebra. Credits: 3
or Equivalent Math Placement Test Level
MAT 2250G - Elementary Statistics. Credits: 4

Clinical Laboratory Science Requirements

These courses are to be taken at affiliated hospital.

- CLS 4000 - Clinical Chemistry I. Credits: 4 to 6
CLS 4005 - Clinical Chemistry II. Credits: 3 to 5
CLS 4010 - Clinical Hematology. Credits: 4 to 6
CLS 4020 - Clinical Hemostasis. Credits: 1 to 2
CLS 4030 - Clinical Immunohematology. Credits: 3 to 5
CLS 4040 - Clinical Immunology. Credits: 2 to 3
CLS 4050 - Clinical Microbiology I. Credits: 5 to 6
CLS 4055 - Clinical Microbiology II. Credits: 2 to 3
CLS 4060 - Special Topics in Clinical Laboratory Science. Credits: 1
CLS 4070 - Clinical Management and Education. Credits: 1

Clinical Laboratory Science Electives:

Choose two electives (a minimum of 6 s.h. required) from:

- BIO 2200 - Human Anatomy. Credits: 4
BIO 3624 - Histology. Credits: 3
BIO 3700 - Parasitology. Credits: 3
BIO 4836 - Pathogenic Microbiology. Credits: 4
BUS 1950 - Computer Concepts and Applications for Business. Credits: 3
BUS 3010 - Management and Organizational Behavior. Credits: 3
PHY 1151G - Principles of Physics I. Credits: 3
PHY 1152G - Principles of Physics I Laboratory. Credits: 1
PHY 1161 - Principles of Physics II. Credits: 3
PHY 1162 - Principles of Physics II Laboratory. Credits: 1

Footnotes:

(Major GPA based on all courses listed as appropriate for meeting major requirements)

- Student must have completed 90 hours before beginning clinicals; must average 15 credits/semester.
- Molecular and Cell Biology (BIO 3100) and Genetics (BIO 3200) recommended before taking Immunology (BIO 3210).
- CLS students must meet foreign language requirements.
- CLS students must meet math requirement (MAT 1271 or equiv).
- CLS students will not be required to take a senior seminar or to submit the fourth sample to the Electronic Writing Portfolio because the terminal year is taken off-campus.

COMMUNICATION DISORDERS AND SCIENCES

B.S. in Communication Disorders and Sciences

Admission to the Major

I. Probational Admission

Students entering EIU as freshmen or transfers seeking a CDS major will be classified as probational CDS majors. Probational majors may register for all lower division (2999 or lower) courses in the CDS major.

II. Admission to the CDS Major

Access to all upper division CDS courses (3000 or higher) requires admission to the CDS Major. The Department Chair reviews the applications of all probational CDS majors seeking admission to the major. The chair determines if the student's academic achievement

supports admission to the major and access to upper division (3000 or higher) courses.

III. Criteria for Degree Admission

1. Admission to the University
2. Classification as a probational CDS major.
3. Achievement of a cumulative GPA of 2.5 or higher for all EIU course work.
4. For native EIU students, completion of at least 45 semester hours of course work at EIU.
5. For transfers, completion of at least 15 semester hours of course work at EIU.
6. Completion of at least three of the five lower division core CDS courses in the major, with one of the three being either CDS 2500 or CDS 2800, and achievement of a minimum 2.75 GPA for all lower division core CDS courses completed at the time of application.* Lower division core courses are:

CDS 2000 - Introduction to Communication Disorders & Sciences. Credits: 1

CDS 2100 - Phonetics and Phonological Development. Credits: 3

CDS 2200 - Language Acquisition. Credits: 3

CDS 2500 - Anatomy and Physiology of the Speech, Language, Swallowing, and Hearing Mechanism. Credits: 3

CDS 2800 - Speech Science. Credits: 3

*In lieu of items 2-6, students who transfer to EIU with a minimum grade point average of 2.75 in at least 7 semester hours of equivalent CDS course work (as specified in item #6) will be allowed access to upper division course work.

IV. Registration for Upper Division Courses

Only students admitted to the CDS major will be approved to register for upper division (3000 or higher) CDS courses. Students must maintain a 2.5 overall GPA and a 2.75 GPA in Communication Disorders and Sciences to register for subsequent upper division CDS courses.

V. Probational Majors Who Do Not Meet Admission to the CDS Major Criteria

Probational CDS majors who do not meet the requirements for admission to the CDS major will remain classified as probational. Probational majors may continue to take lower division CDS courses; however, probational majors may not register for upper division CDS courses. Probational majors may reapply for admission to the major when they meet the admission requirements or they may seek advisement in changing majors.

VI. Application Deadlines

Applications are available in the Department Office, Room 2105, Human Services Center. Probational majors must return completed applications to the Department Office on or before the following deadlines in order to be admitted to the major and register for upper-division courses:

<u>Admission</u>	<u>Application Deadline</u>	<u>Notification Date</u>
Fall	February 1	March 1
Fall(Entering Summer)	June 15	July 1

Major (toward professional credentials)*

The major in Communication Disorders and Sciences comprises:

- BIO 2001G - Human Physiology. Credits: 4
- CDS 2000 - Introduction to Communication Disorders & Sciences. Credits: 1
- CDS 2100 - Phonetics and Phonological Development. Credits: 3
- CDS 2200 - Language Acquisition. Credits: 3
- CDS 2500 - Anatomy and Physiology of the Speech, Language, Swallowing, and Hearing Mechanism. Credits: 3
- CDS 2800 - Speech Science. Credits: 3
- CDS 3100 - Phonological Assessment and Remediation. Credits: 3
- CDS 3200 - Developmental Language Disorders. Credits: 3
- CDS 3500 - Neurological/Embryological Aspects of Communication. Credits: 3
- CDS 3700 - Diagnosis and Treatment of Communication Disorders. Credits: 3
- CDS 3900 - Introduction to Clinical Techniques in Communication Disorders. Credits: 1
- CDS 4300 - Introduction to Audiology. Credits: 3
- CDS 4350 - Aural Rehabilitation. Credits: 3
- CDS 4760 - Voice Production and Disorders. Credits: 3
- CDS 4800 - Communication Modalities. Credits: 3

CDS 4820 - Language and Literacy. Credits: 2

CDS 4900 - Clinical Practice. Credits: 1

PHY 1071 - Physics of Sound and Music. Credits: 3

PHY 1072 - Physics of Sound and Music Laboratory. Credits: 1

PSY 1879G - Introductory Psychology. Credits: 3

PSY 4515 - Children with Exceptionalities. Credits: 3

OR

SPE 3000 - Education of Individuals with Exceptional Learning Needs. Credits: 3

AND

ELE 2320 - Childhood and Early Adolescent Development. Credits: 3

OR

PSY 3515 - Child Psychology. Credits: 3

Footnotes:

* **Note:** The Master's Degree is the required level of training for Certification by the American Speech-Language-Hearing Association, the Illinois State Board of Education, and the Illinois Department of Financial and Professional Regulation. At least a 3.00 GPA (A=4.0) in the undergraduate Communication Disorders and Sciences major, two letters of recommendation, GRE scores, and completion of Communication Disorders and Sciences and Graduate School application procedures are required for admission consideration to the graduate program at EIU. Admission is competitive. All applicants are ranked by a Graduate Admissions Committee according to major GPA, Clinical Criteria, and Professional Criteria. Students who have a baccalaureate degree in a major other than CDS must complete all 2000 level CDS courses and CDS 3100, 3200, 3300, and 3700 or their equivalent prior to being considered for admission to the CDS graduate program.

** A 2.5 overall GPA and a 2.75 GPA in the Communication Disorders and Sciences major are required for admission to CDS 4900. Major GPA based on all Communication Disorders and Sciences courses taken at EIU.

Communication Disorders and Sciences Honors Program

Admission to the Department Honors Program in Communication Disorders and Science requires a minimum 3.50 (4.0 scale) cumulative GPA and approval of the Department Honors Admission Committee. Students must maintain a cumulative GPA of 3.5 (4.0 scale) to continue in the Honors Program. Honors courses will replace required and elective courses in the CDS curriculum. Admission will be limited to availability of program resources.

Departmental Honors Requirements

CDS Honors students will complete all of the requirements for the major with the following substitutions:

- CDS 4666 Honors Seminar. Credits: 3
- CDS 5000 Introduction to Graduate School**. Credits: 3
- CDS 4644 Honors Thesis. Credits: 6

Footnotes:

** CDS 4760 and CDS 4800 are part of the regular undergraduate curriculum in CDS. Honors students may substitute honors courses for one of these courses in their undergraduate program. CDS 4760 or CDS 4800 may be taken for graduate credit during graduate school.

ECONOMICS

B.A. in Economics

Major¹

Admission to the program requires a 2.25 GPA in Economics course work with at least six semester hours of Economics earned. Graduation from this program requires at least a "C" in each of Economics 3971 (or Mathematics 3701 or Business 2810 or other equivalent courses subject to Economics Department approval), 3972 (or Mathematics 3702), 4689, 4801, and 4802, whether the course or its equivalent is taken at Eastern or at another school. ECN 2800G may not be counted as part of the 36 semester-hour requirement for an economics major.

The Economics major comprises:

36 Hours in Economics Courses²

36 hours in Economic courses (excluding 2800G) including the following required coursework:

- ECN 2801G - Principles of Macroeconomics. Credits: 3
- ECN 2802G - Principles of Microeconomics. Credits: 3
- ECN 3971 - Statistics Applied to Economics I. Credits: 3³
- ECN 3972 - Statistics Applied to Economics II. Credits: 3⁴
- ECN 4689 - Theory and Research. Credits: 3

ECN 4801 - Intermediate Macroeconomic Theory. Credits: 3
 ECN 4802 - Intermediate Microeconomic Theory. Credits: 3

6-8 Semester Hours in the following Math courses:

MAT 1441G - Calculus and Analytic Geometry I. Credits: 5¹
OR
 MAT 2110G - Brief Calculus with Applications. Credits: 3

AND

MAT 2120G - Finite Mathematics. Credits: 3
OR
 MAT 2550 - Introduction to Linear Algebra. Credits: 3¹

Footnotes:

(Major GPA based on all economics courses taken at EIU.)

¹ It is strongly recommended that students complete Mathematics 2110G (or 1441G) and 2120G (or 2550) before enrolling in Economics courses numbered 4750 or above. Mathematics 1441G, 2550, 3701, and 3702 are recommended for those students who wish to enter Ph.D. programs in Economics. It is also strongly recommended that prospective Ph.D. students complete the entire calculus sequence by following Mathematics 1441G with Mathematics 2442 and 2443 which are the prerequisites for Mathematics 3701 and 3702, as well as the differential equations sequence, Mathematics 3501 and 3502.

² Substitution of Business 2810, Mathematics 3701, 3702 or other equivalent courses for Economics 3971 or Economics 3972 does not reduce the 36 semester hours in Economics courses. That is, the student may need to add one or two elective ECN courses to his/her program.

³ Or Mathematics 3701 or Business 2810 or other equivalent courses subject to Economics Department approval.

⁴ Or Mathematics 3702.

Economics: International Studies Option

An option in the Economics (B.A.) offerings.

Core Requirements¹

Admission to the program requires a 2.25 GPA in Economics course work with at least six semester hours of Economics earned. Graduation from this program requires at least a "C" in each of ECN 3971 (or MAT 3701 or BUS 2810 or other equivalent courses subject to Economics Department approval), 3972 (or MAT 3702), 4689, 4801, and 4802, whether the course or its equivalent is taken at Eastern or at another school. ECN 2800G may not be counted as part of the 33 semester-hour requirement for an Economics major with International Studies Option. The International Studies option comprises:

33 Semester Hours in Economics Courses²

33 semester hours in Economics courses (excluding 2800G) including the following required coursework:

ECN 2801G - Principles of Macroeconomics. Credits: 3
 ECN 2802G - Principles of Microeconomics. Credits: 3
 ECN 3860 - International Economics. Credits: 3
 ECN 3971 - Statistics Applied to Economics I. Credits: 3³
 ECN 3972 - Statistics Applied to Economics II. Credits: 3⁴
 ECN 4689 - Theory and Research. Credits: 3
 ECN 4801 - Intermediate Macroeconomic Theory. Credits: 3
 ECN 4802 - Intermediate Microeconomic Theory. Credits: 3

6-8 Semester Hours in the Following Math Courses:

MAT 1441G - Calculus and Analytic Geometry I. Credits: 5¹
OR
 MAT 2110G - Brief Calculus with Applications. Credits: 3

AND

MAT 2120G - Finite Mathematics. Credits: 3
OR
 MAT 2550 - Introduction to Linear Algebra. Credits: 3¹

15-18 Semester Hours in the Following Business Courses:

BUS 1950 - Computer Concepts and Applications for Business. Credits: 3
 BUS 2101 - Financial Accounting. Credits: 3
 BUS 2102 - Managerial Accounting. Credits: 3

AND

BUS 3010 - Management and Organizational Behavior. Credits: 3
 MGT 4600 - International Business Policy and Operation. Credits: 3
OR
 BUS 3710 - Business Financial Management. Credits: 3
 FIN 3730 - Financial Markets: Commodities, Derivatives, and Securities. Credits: 3
 FIN 4820 - International Finance. Credits: 3

9 Semester Hours in the Following Political Science and History Courses:⁵

HIS 3110 - Britain 1688 to the Present. Credits: 3
 HIS 3250 - African History. Credits: 3
 HIS 3260 - Modern Latin America. Credits: 3
 HIS 3320 - History of Modern China. Credits: 3
 HIS 3350 - Twentieth Century Russia. Credits: 3
 HIS 3450 - Modern Germany. Credits: 3
 HIS 3800 - U.S. Diplomatic History. Credits: 3
 HIS 4820 - The World in the Twentieth Century. Credits: 3

AND/OR

PLS 2253G - Introduction to International Relations. Credits: 3
 PLS 3203 - American Foreign Policy. Credits: 3
 PLS 3223 - International Organizations. Credits: 3
 PLS 3303 - European Politics and Governments Credits: 3
 PLS 3323 - Post-Communist Politics and Governments. Credits: 3
 PLS 3333 - Politics of Latin America and the Caribbean. Credits: 3
 PLS 3343 - Government and Politics of the Middle East. Credits: 3
 PLS 3353 - Politics of Sub-Saharan Africa. Credits: 3
 PLS 3363 - Government and Politics in Asia-Pacific Rim. Credits: 3
 PLS 3373 - International Political Economy. Credits: 3
 PLS 4823 - International Policy Issues. Credits: 3
 PLS 4933 - Ideologies of the Third World Nations. Credits: 3

0-4 Semester Hours in Foreign Language at the Intermediate Level

Proficiency at the intermediate level of a Foreign Language or completion of courses in Foreign Language to include:

FLF 2202G - Intermediate French II. Credits: 4
OR
 FLG 2202G - Intermediate German II. Credits: 4
OR
 FLS 2202G - Intermediate Spanish II. Credits: 4

Footnotes:

(Major GPA based on all economics courses taken at EIU.)

¹ It is strongly recommended that students complete Mathematics 2110G (1441G) and 2120G (or 2550) before enrolling in Economics courses numbered 4750 or above. Mathematics 1441G, 2550, 3701, and 3702 are recommended for those students who wish to enter Ph.D. programs in Economics. It is also strongly recommended that prospective Ph.D. students complete the entire calculus sequence by following Mathematics 1441G with Mathematics 2442 and 2443 which are the prerequisites for Mathematics 3701 and 3702, as well as the differential equations sequence, Mathematics 3501 and 3502.

² Substitution of Business 2810, Mathematics 3701, 3702 or other equivalent courses for Economics 3971 or Economics 3972 does not reduce the 33 semester hours required in Economics courses. That is, the student may need to add one or two elective ECN courses to his/her program.

³ Or Mathematics 3701 or Business 2810 or other equivalent courses subject to Economics Department approval.

⁴ Or Mathematics 3702.

⁵ No more than six semester hours may be counted from either History or Political Science.

Economics Honors Program

To be admitted to the honors program, students must have at least a 3.50 grade-point average on a 4.0 point scale, permission of the Dean of the Honors College, and permission of the Departmental Honors Coordinator.

Students in the Economics Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their GPA to 3.50 and submit their petition to the Dean of the Honors College and Departmental Honors Coordinator.

Departmental Honors Requirements

Honors students must complete the following:

Major Requirements

Complete the other requirements for the Economics major. The hours earned in Honors courses will count toward the hours requirement for the major.

9 Semester Hours in Economics Honors Courses

Nine semester hours in a combination of the following courses. Each course may be repeated for a maximum of six semester hours. Repeating a course must be approved by the Departmental Honors Coordinator.

A graduate course approved by Departmental Honors Coordinator. Credits: 3
 ECN 4444 - Honors Independent Study. Credits: 3
 ECN 4666 - Honors Seminar. Credits: 3

3 Semester Hours in Economics Honors Thesis

ECN 4644 - Honors Thesis. Credits: 3

Economics MinorTotal Semester Hours: 21¹

ECN 2801G - Principles of Macroeconomics. Credits: 3

ECN 2802G - Principles of Microeconomics. Credits: 3

ANDElectives in Economics (excluding Economics 2800G, 3970, and 4275). Credits: 15²**Footnotes:**¹Substitution of Business (2810), Mathematics (3701, 3702) or other equivalent courses for Economics 3971 or 3972 does not reduce the 21 semester hours required in Economics courses. That is, the student may need to add one or two elective ECN courses to his/her program.²It is strongly recommended that students elect Economics 3971, 4801 and/or 4802. Also, it is strongly recommended that students complete Mathematics 2110G (or 1441G) and 2120G (or 2550) before enrolling in Economics courses numbered 4750 and above.**GEOLOGY/GEOGRAPHY****B.S. in Geography****Major**

The Geography Major comprises the following courses and one of the concentrations below.

ESC 1300G - Introduction to Earth Sciences. Credits: 4
(cross listed with GEL 1300G)

ESC 1400G - Weather and Climate. Credits: 4

ESC 3200 - Human Impacts on the Environment. Credits: 3
(cross listed with GEG 3200)

GEG 1100G - Cultural Geography. Credits: 3

GEG 1200G - World Regional Geography. Credits: 3

GEG 3200 - Human Impacts on the Environment. Credits: 3
(cross listed with ESC 3200)GEG 3420 - Principles of Geomorphology. Credits: 3
(cross listed with GEL 3420)

GEG 3800 - Introduction to Cartography. Credits: 3

GEG 3875 - Field Methods. Credits: 3

GEG 3885 - Quantitative Methods in Geography. Credits: 3

GEL 1300G - Introduction to Earth Sciences. Credits: 4
(cross listed with ESC 1300G)GEL 3420 - Principles of Geomorphology. Credits: 3
(cross listed with GEG 3420)**Concentrations:**

All majors will take 18 semester hours from geography and/or earth science courses in addition to the 29 semester hours of required courses.

1. General GeographyEighteen semester hours from geography and/or earth science courses *other than Required Courses*. The course of study for the General Geography Concentration will be determined by students only after discussion with, and approval by, their major advisor and department chair.**2. Environmental Studies**Eighteen semester hours from geography and/or earth science *other than Required Courses*. Student must take at least 12 semester hours from the following:

BIO 2002G - Environmental Life Sciences. Credits: 3

ECN 3810 - Economics of Natural Resources. Credits: 3

ESC 2420 - Regional Geomorphology. Credits: 3

ESC 2450G - Oceanography. Credits: 3
(cross listed with GEL 2450G)ESC 3010G - Environmental Physical Sciences. Credits: 3
(cross listed with GEL 3010G)ESC 3020 - Natural Disasters: Causes and Effects. Credits: 3
(cross listed with GEG 3020)

ESC 3300 - Soils. Credits: 3

ESC 3410 - Climatology. Credits: 3

ESC 3550 - Surface Water Processes and Resources. Credits: 3

ESC 3960 - Special Topics. Credits: 1 to 4

ESC 4275 - Internship in Earth Science. Credits: 1 to 6

ESC 4400 - Independent Study. Credits: 1 to 3

ESC 4430 - Undergraduate Research in Earth Science.
Credits: 1 to 3GEG 3020 - Natural Disasters: Causes and Effects. Credits: 3
(cross listed with ESC 3020)

GEG 4400 - Independent Study. Credits: 1 to 3

GEL 2450G - Oceanography. Credits: 3
(cross listed with ESC 2450G)GEL 3010G - Environmental Physical Sciences. Credits: 3
(cross listed with ESC 3010G)

GEL 3425 - Engineering Geology. Credits: 3

GEL 3525 - Hydrogeology. Credits: 3

GEL 4335 - Environmental Geology. Credits: 3

3. Geographic Techniques/Spatial Analysis*Eighteen semester hours from geography/earth science other than Required Courses*. Students must take at least 12 semester hours from the following:

ESC 3960 - Special Topics. Credits: 1 to 4

ESC 4400 - Independent Study. Credits: 1 to 3

GEG 3600 - Economic Geography. Credits: 3

GEG 3750 - Population Geography. Credits: 3

GEG 3855 - Computer Mapping. Credits: 3

GEG 3865 - Advanced Cartography. Credits: 3

GEG 4275 - Internship in Geography. Credits: 1 to 6

GEG 4400 - Independent Study. Credits: 1 to 3

GEG 4430 - Undergraduate Research in Geography. Credits: 1 to 3

GEG 4890 - Geographic Information Systems. Credits: 3

4. International StudiesEighteen semester hours including a minimum of 15 semester hours from the geography courses listed below and a minimum of 3 semester hours from the multi-disciplinary course list **in addition to** the 29 semester hours required by the geography major (i.e., core courses).**Regional Component: (9 hours minimum)**

Choose from the following:

GEG 3025 - Geography of the United States and Canada. Credits: 3

GEG 3050 - Geography and Culture of Africa. Credits: 3

GEG 3055 - Geography and Culture of Asia. Credits: 3

GEG 3060 - Geography and Culture of Europe Credits: 3

GEG 3065 - Geography and Culture of Latin America. Credits: 3

STA 3970 - Study Abroad: Faculty-Led. Credits: 1 to 16

Systematic Component: (6 hours minimum)

Choose at least 2 of the following:

GEG 3600 - Economic Geography. Credits: 3

GEG 3620 - Geography of Tourism Credits: 3

GEG 3650 - Advanced Cultural Geography. Credits: 3

GEG 3750 - Population Geography. Credits: 3

GEG 3775 - Urban Geography. Credits: 3

GEG 4400 - Independent Study. Credits: 1 to 3*

GEG 4430 - Undergraduate Research in Geography.

Credits: 1 to 3*

Multi-disciplinary Component: (3 hours minimum)

Choose from the following:

CSC 3100 - Global Threats and Problems. Credits: 3

cross-listed with ECN/GEG/PLS/SOC 3100

ECN 3100 - Global Threats and Problems. Credits: 3

cross-listed with CSC/GEG/PLS/SOC 3100

ECN 3833 - Economic Development of Modern Europe.
Credits: 3

ECN 3860 - International Economics. Credits: 3

FLF 2201G - Intermediate French I. Credits: 4

or FLF 2202 - Intermediate French II

FLG 2201G - Intermediate German I. Credits: 4

or FLG 2202 - Intermediate German II

FLS 2201G - Intermediate Spanish I. Credits: 4

or FLS 2202 - Intermediate Spanish II

GEG 3100 - Global Threats and Problems. Credits: 3

cross-listed with CSC/ECN/PLS/SOC 3100

HIS 3110 - Britain 1688 to the Present. Credits: 3

HIS 3210 - History of the Modern Middle East. Credits: 3

HIS 3250 - African History. Credits: 3

HIS 3260 - Modern Latin America. Credits: 3

HIS 3320 - History of Modern China. Credits: 3

HIS 3350 - Twentieth Century Russia. Credits: 3

HIS 3450 - Modern Germany. Credits: 3

PLS 3100 - Global Threats and Problems. Credits: 3
cross-listed with CSC/ECN/GEG/SOC 3100
PLS 3223 - International Organizations. Credits: 3
PLS 3233 - International Terrorism. Credits: 3
PLS 3303 - European Politics and Governments Credits: 3
PLS 3323 - Post-Communist Politics and Governments.
Credits: 3
PLS 3333 - Politics of Latin America and the Caribbean.
Credits: 3
PLS 3343 - Government and Politics of the Middle East.
Credits: 3
PLS 3353 - Politics of Sub-Saharan Africa. Credits: 3
PLS 3363 - Government and Politics in Asia-Pacific Rim.
Credits: 3
PLS 3373 - International Political Economy. Credits: 3
SOC 3100 - Global Threats and Problems. Credits: 3
cross-listed with CSC/ECN/GEG/PLS 3100

*Research topic must have an international focus and must be approved by the GEL/GEG International Studies Concentration Committee.

Additional Optional Geography Courses:

GEG 3000 - Geography of Illinois. Credits: 3
GEG 3700 - Historical Geography of the United States. Credits: 3
GEG 3780 - Land Use Planning. Credits: 3

Footnote:

(Major GPA based on all geography and required earth science and geology courses taken at EIU.)

Geography Teacher Certification

See the Social Science Teaching Major program, (Geography Designation)

Geography Honors Program

Students in the Honors Program for Geography Majors must maintain a 3.5 cumulative GPA and complete all other requirements for the Geography major. The departmental honors courses and approved graduate course will count toward and replace concentration hours in the Geography BS Major. Supervision of a student's course work in the Departmental Honors Program for Geography Majors will be undertaken by a faculty member after approval by the Departmental Honors Coordinator and Department Chairperson. It is highly recommended that students take Geography 4444, 4555 and 4644 in consecutive semesters.

Departmental Honors Requirements

12 semester hours in a combination of the following courses:

An approved graduate course. Credits: 1-3
GEG 4444 - Honors Independent Study. Credits: 1 to 6
GEG 4555 - Honors Research. Credits: 1 to 6
GEG 4644 - Honors Thesis. Credits: 1 to 6
GEG 4666 - Honors Seminar. Credits: 3

Geography Minor

Total Hours: 22

The Geography Minor comprises:

4 semester hours from:

ESC 1300G - Introduction to Earth Sciences. Credits: 4
OR
ESC 1400G - Weather and Climate. Credits: 4

3 semester hours from:

GEG 1100G - Cultural Geography. Credits: 3
OR
GEG 1200G - World Regional Geography. Credits: 3

3 semester hours from:

GEG 3800 - Introduction to Cartography. Credits: 3

12 semester hours of electives:

Electives in geography or earth science selected in consultation with the Geology/Geography Department Chairperson. These must include at least six semester hours of courses numbered 3000 or above.

B.S. in Geology

Major

The Geology major comprises:

BIO 1001G - Biological Principles and Issues. Credits: 3
CHM 1310G - General Chemistry I. Credits: 3
CHM 1315G - General Chemistry Laboratory I. Credits: 1
CHM 1410 - General Chemistry II. Credits: 3
CHM 1415 - General Chemistry Laboratory II. Credits: 1
GEL 1300G - Introduction to Earth Sciences. Credits: 4
GEL 1430 - Historical Geology. Credits: 4
GEL 2440 - Mineralogy. Credits: 4
GEL 3405 - Petrology. Credits: 4
GEL 3420 - Principles of Geomorphology. Credits: 3
GEL 3430 - Structural Geology. Credits: 3
GEL 3510 - Principles of Sedimentation. Credits: 3
GEL 3560 - Principles of Stratigraphy. Credits: 3
GEL 4335 - Environmental Geology. Credits: 3
GEL 4490 - Invertebrate Paleontology. Credits: 3
GEL 4800 - Summer Field Geology in the Black Hills, S.D. Credits: 6
MAT 1330 - Analytical Trigonometry. Credits: 2
MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
PHY 1151G - Principles of Physics I. Credits: 3
PHY 1152G - Principles of Physics I Laboratory. Credits: 1
PHY 1161 - Principles of Physics II. Credits: 3
PHY 1162 - Principles of Physics II Laboratory. Credits: 1

Major electives:

9 semester hours of electives must be taken from the following A and B lists:

A List

A minimum of 6 semester hours must be taken from the following courses:

ESC 3300 - Soils. Credits: 3
GEL 3425 - Engineering Geology. Credits: 3
GEL 3440 - Tectonics. Credits: 3
GEL 3460 - Economic Mineral Deposits. Credits: 3
GEL 3470 - Seminar. Credits: 1 to 3
GEL 3490 - Coal Geology. Credits: 3
GEL 3500 - Volcanology. Credits: 3
GEL 3525 - Hydrogeology. Credits: 3
GEL 4000 - Petroleum Geology. Credits: 3
GEL 4200 - Introduction to Geophysical Exploration. Credits: 3
GEL 4450 - Well Log Interpretation. Credits: 3
GEL 4480 - Optical Mineralogy. Credits: 4
GEL 4892 - Introduction to Paleobotany. Credits: 4

B List

A maximum of 3 semester hours can be used from the following courses to meet the elective requirement:

ESC 3550 - Surface Water Processes and Resources. Credits: 3
GEG 3800 - Introduction to Cartography. Credits: 3
GEG 3855 - Computer Mapping. Credits: 3
GEG 4890 - Geographic Information Systems. Credits: 3

Footnote:

(Major GPA based on all geology and required earth science and geography courses taken at EIU.)

Geology Honors Program

Departmental Honors Requirements

Twelve semester hours in a combination of the following courses: (Each course, except thesis, may be repeated for a maximum of six hours. Repetition of courses and graduate course selection must be approved by the Departmental Honors Coordinator.)

- A. Students must take GEL 4555, Honors Research and GEL 4644, Honors Thesis.
- B. Students may select the following courses with the approval of the Departmental Honors Coordinator: GEL 4444, GEL 4666, and approved graduate course.
- C. Students must complete the other requirements for the Geology major. The departmental honors courses will count toward and replace the hours in the major in the electives area.
- D. Students in the Geology Honors Program must maintain a cumulative grade-point average of 3.50.
- E. Honors thesis supervision will be undertaken by a faculty member approved by the Departmental Chairperson, the Departmental Honors Coordinator, and the student's Faculty Advisor.
Approved graduate course. Credits: 0-3
GEL 4444 - Honors Independent Study. Credits: 1 to 6

GEL 4555 - Honors Research. Credits: 1 to 6
 GEL 4644 - Honors Thesis. Credits: 1 to 6
 GEL 4666 - Honors Seminar. Credits: 1 to 6

Geology Minor

Total Semester Hours: 22

Six semester hours in elective Geology courses numbered 3000 and above. Credits: 6
 GEL 1300G - Introduction to Earth Sciences. Credits: 4
 GEL 1430 - Historical Geology. Credits: 4
 GEL 2440 - Mineralogy. Credits: 4
 GEL 3405 - Petrology. Credits: 4

Earth Science Teacher Certification

See the Science with Teacher Certification Major program, (Earth Sciences Designation)

Earth Science Minor

Total Hours: 20

Any three-semester-hour 3000-4000 level course from Earth Science or Geology. Credits: 3
 ESC 1300G - Introduction to Earth Sciences. Credits: 4
 ESC 1400G - Weather and Climate. Credits: 4
 ESC 2450G - Oceanography. Credits: 3
 ESC 3410 - Climatology. Credits: 3

AND

ESC 2420 - Regional Geomorphology. Credits: 3
 OR
 GEG 3420 - Principles of Geomorphology. Credits: 3

MATHEMATICS & COMPUTER SCIENCE

B.A. in Mathematics

Major

The Mathematics major comprises the following courses and one of the concentrations listed below. An upper division writing intensive course is required.

MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
 MAT 2170 - Computer Science I. Credits: 4
 MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
 MAT 2443 - Calculus and Analytic Geometry III. Credits: 4
 MAT 2550 - Introduction to Linear Algebra. Credits: 3
 MAT 2800 - Foundations of Mathematics. Credits: 3
 MAT 3530 - Abstract Algebra. Credits: 4
 MAT 3800 - Seminar in Mathematics. Credits: 2

Group I Requirements

MAT 4760 - Linear Algebra. Credits: 4
 MAT 4855 - Introduction to Topology. Credits: 3
 MAT 4860 - Mathematical Analysis. Credits: 4

12 Semester Hours From:

MAT 3271 - College Geometry I. Credits: 3
 MAT 3272 - College Geometry II. Credits: 3
 MAT 3501 - Differential Equations I. Credits: 3
 MAT 3502 - Differential Equations II. Credits: 3
 MAT 3701 - Probability and Statistics I. Credits: 3
 MAT 3702 - Probability and Statistics II. Credits: 3
 MAT 3770 - Combinatorial Computing. Credits: 3
 MAT 4750 - Linear Programming. Credits: 3
 MAT 4830 - Introduction to Complex Analysis with Applications. Credits: 3
 MAT 4850 - Operations Research. Credits: 3
 MAT 4885 - Theory of Computation. Credits: 3
 MAT 4910 - Number Theory. Credits: 3

Group II Requirements

BUS 2101 - Financial Accounting. Credits: 3
 ECN 2801G - Principles of Macroeconomics. Credits: 3
 ECN 2802G - Principles of Microeconomics. Credits: 3
 MAT 3701 - Probability and Statistics I. Credits: 3

MAT 3702 - Probability and Statistics II. Credits: 3
 MAT 4750 - Linear Programming. Credits: 3
 MAT 4850 - Operations Research. Credits: 3
 OR
 MGT 3800 - Introduction to Operations Research. Credits: 3

6 Semester Hours From:

MAT 2670 - Computer Science II. Credits: 3
 MAT 3570 - Numerical Calculus. Credits: 3
 MAT 3670 - Principles of Computer Systems. Credits: 3
 MAT 3770 - Combinatorial Computing. Credits: 3
 MAT 3870 - Data Structures. Credits: 3
 MAT 4490 - Independent Study. Credits: 1 to 3
 MAT 4760 - Linear Algebra. Credits: 4
 MAT 4780 - Mathematics of Interest. Credits: 3
 MAT 4830 - Introduction to Complex Analysis with Applications. Credits: 3
 MAT 4880 - Design and Analysis of Algorithms. Credits: 3
 MAT 4885 - Theory of Computation. Credits: 3
 MAT 4970 - Principles of Operating Systems. Credits: 3

6 Semester Hours From:

BUS 2102 - Managerial Accounting. Credits: 3
 BUS 3010 - Management and Organizational Behavior. Credits: 3
 ECN 3972 - Statistics Applied to Economics II. Credits: 3
 ECN 4802 - Intermediate Microeconomic Theory. Credits: 3
 ECN 4803 - Mathematical Economics. Credits: 3
 FIN 3900 - Risk and Insurance. Credits: 3

Footnotes:

(Major GPA based on courses in one of the above groups and on all mathematics courses taken at EIU.)

B.A. in Mathematics with Teacher Certification Option

A major in Mathematics (BA with Teacher Certification) prepares students to become secondary (9-12) teachers in the state of Illinois.

This major requires that students follow and meet the requirements for Admission, Retention and Graduation from Teacher Certification programs as described in the "Teacher Certification Programs" section of this catalog and as explained at the University Admission to Teacher Education Meeting which all students must attend. Students should gain University Approval to Take Teacher Education Courses no later than the end of their first semester Junior year in order to use this suggested plan. Additional information on Admission, Retention and Graduation for Teacher Certification programs can be found on the College of Education and Professional Studies website at www.eiu.edu/ceps/teached. All students must pass the Illinois Certification Test of Basic Skills for selection into teacher education and should complete this requirement no later than their sophomore year.

Students must receive a "C" or better in all professional education courses and maintain a minimum cumulative and major GPA of 2.65 in order to continue in the program.

Students have two options for completing the professional education coursework – Regular Secondary Education Program and Integrated Secondary Education Program (ISEP). For more information regarding these two options, please consult with your advisor. Information is also available in the Teacher Certification Program section of this catalog.

For students also wanting to be eligible to teach middle school mathematics, additional Middle Level Education courses are required.

The program is made up of:

- 50 Hours in Mathematics Courses
 - MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
 - MAT 2170 - Computer Science I. Credits: 4
 - MAT 2270 - Technology in Mathematics. Credits: 3
 - MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
 - MAT 2443 - Calculus and Analytic Geometry III. Credits: 4
 - MAT 2550 - Introduction to Linear Algebra. Credits: 3
 - MAT 2800 - Foundations of Mathematics. Credits: 3
 - MAT 3271 - College Geometry I. Credits: 3
 - MAT 3272 - College Geometry II. Credits: 3
 - MAT 3400 - Teaching Secondary Mathematics. Credits: 4
 - MAT 3530 - Abstract Algebra. Credits: 4

MAT 3701 - Probability and Statistics I. Credits: 3
 MAT 3702 - Probability and Statistics II. Credits: 3
 MAT 4900 - History of Mathematics. Credits: 3

2. 25-31 Hours in the Professional Education Core

For the Regular Program

EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
 EDF 4450 - Philosophy and History of Education. Credits: 3
 EDP 3331 - Theories of Learning and Development for Secondary Teachers. Credits: 3
 SED 2000 - Inquiry Into Teaching. Credits: 1
 SED 3330 - Instructional Tasks in the Secondary School. Credits: 3
 SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3
 STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
 STG 4001 - Student Teaching. Credits: 12-16

Or for the ISEP

EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
 SED 2000 - Inquiry Into Teaching. Credits: 1
 SED 3000 - ISEP Level I. Credits: 3
 SED 3100 - ISEP Level II. Credits: 3
 SED 4000 - ISEP Level III. Credits: 3
 STG 4001 - Student Teaching. Credits: 12-16

3. Additional Hours in General Education to Complete the University Requirement

Footnotes:

Major GPA based on all mathematics courses taken at EIU.

Students must complete all the professional education coursework under either the Regular Secondary Education Program or the Integrated Secondary Education Program.

Mathematics and Computer Science

Honors Program

Admission to the Mathematics and Computer Science Departmental Honors Program will be open to students who have at least a 3.50 GPA, on a 4.0 scale, for all classes, over at least 12 semester hours of work in residence at EIU, and who have the permission of the Dean of the Honors College and the Departmental Honors Coordinator. Mathematics 2800 (for Mathematics Majors) or 2345 (for Mathematics and Computer Science Majors) must be completed prior to admission.

Students in the Mathematics and Computer Science Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their GPA to 3.50 and submit their petition to the Dean of the Honors College and the Departmental Honors Coordinator.

Departmental Honors Requirements

Honors thesis supervision will be undertaken by a faculty member approved by the Departmental Honors Coordinator, the student's Faculty Advisor, and the Departmental Chairperson. The thesis must be submitted and defended in accordance with the Senior Thesis Guide and must be signed by the thesis supervisor.

A graduate course (5000+) may fulfill 3 of the above 12 hours with permission of the Dean of the Honors College, the Departmental Honors Coordinator, and the Graduate Coordinator. (A graduate course may not replace Mathematics 4644.)

Students in the departmental honors program must complete all requirements for graduation with a degree in Mathematics, Mathematics with Teacher Certification, or Mathematics and Computer Science. The following substitutions may be made:

A mathematics honors seminar in any area may be substituted for the major requirement in that area, or for any elective towards the major, with permission of the Departmental Honors Coordinator and the Departmental Chairperson. (Example: An honors seminar in Probability may be substituted for Mathematics 3701.)

A mathematics graduate course (5000+) in any area may be substituted for the major requirement in that area with permission of the Departmental Honors Coordinator and the Departmental Chairperson.

At least 12 hours, which must include Mathematics 4644, from among the following Honors courses:

MAT 4444 - Independent Study, Honors. Credits: 1 to 3
 MAT 4555 - Honors Research. Credits: 1 to 3
 MAT 4644 - Honors Thesis. Credits: 3
 required
 MAT 4666 - Honors Seminar. Credits: 2 to 4

Mathematics Minor

Total Hours: 23

Electives in mathematics selected in consultation with a math advisor. These may be any course numbered 2170 or above, with at least six sem. hrs. numbered 3000 or above, but excluding 3400, 3420, 3620.

14 Semester Hours of the following courses:

MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
 MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
 MAT 2443 - Calculus and Analytic Geometry III. Credits: 4

Mathematics Minor for Teacher Certification

Completion of a teacher certification minor does not guarantee that the individual will be granted an endorsement to teach in that field. Individuals must meet all requirements (including state tests) as set forth by the Illinois State Board of Education to be granted an endorsement in a second teaching field.

Total Hours: 30

MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
 MAT 2170 - Computer Science I. Credits: 4
 MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
 MAT 2550 - Introduction to Linear Algebra. Credits: 3
 MAT 2800 - Foundations of Mathematics. Credits: 3
 MAT 3271 - College Geometry I. Credits: 3
 MAT 3400 - Teaching Secondary Mathematics. Credits: 4
 MAT 3530 - Abstract Algebra. Credits: 4

B.S. in Mathematics and Computer Science

Major

The Mathematics and Computer Science major comprises a required upper-division writing intensive course and the following:

MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
 MAT 2170 - Computer Science I. Credits: 4
 MAT 2345 - Elements of Discrete Mathematics. Credits: 3
 MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
 MAT 2443 - Calculus and Analytic Geometry III. Credits: 4
 MAT 2550 - Introduction to Linear Algebra. Credits: 3
 MAT 2670 - Computer Science II. Credits: 3
 MAT 3570 - Numerical Calculus. Credits: 3
 MAT 3670 - Principles of Computer Systems. Credits: 3
 MAT 3701 - Probability and Statistics I. Credits: 3
 MAT 3702 - Probability and Statistics II. Credits: 3
 MAT 3770 - Combinatorial Computing. Credits: 3
 MAT 3870 - Data Structures. Credits: 3
 MAT 4275 - Internship in Mathematics and Computer Science. Credits: 10 to 15
 (10 hours from MAT 4275)
 MAT 4880 - Design and Analysis of Algorithms. Credits: 3
 MAT 4970 - Principles of Operating Systems. Credits: 3

6-8 Semester Hours of Electives Chosen From

MAT 3501 - Differential Equations I. Credits: 3
 MAT 3502 - Differential Equations II. Credits: 3
 MAT 3530 - Abstract Algebra. Credits: 4
 MAT 4750 - Linear Programming. Credits: 3
 MAT 4850 - Operations Research. Credits: 3
 MAT 4885 - Theory of Computation. Credits: 3
 PHY 3150 - Electronics. Credits: 4

Footnotes:

(Major GPA based on those courses listed above taken at EIU.)

NURSING

B.S. in Nursing

The RN to BS Nursing Program is committed to offering superior, accessible undergraduate nursing education for registered nurses pursuing a bachelor's of science degree with a major in nursing.

Admission to the Nursing Major

Enrollment in RN to BS nursing courses is limited to students who have been admitted to the nursing major. A complete Application for the RN to BS in Nursing Program Admission must be on file in the nursing office to be considered for admission to the major. Admission decisions are made by a nursing committee and are competitive.

Criteria for Admission to the Major:

1. Unconditional admission to the University
2. Complete Application for the RN to BS in Nursing Program
3. Achievement of a cumulative GPA of 2.5 or higher
4. RN license from state of residence
5. Current CPR certification for the professional provider
6. Documentation of health requirements
7. Two professional references
8. Professional statement
9. Completion of the following courses or their equivalents with a grade of 'C' or better:
 - BIO 2001G - Human Physiology. Credits: 4
 - BIO 2200 - Human Anatomy. Credits: 4
 - ENG 1001G - Composition and Language. Credits: 3
 - ENG 1002G - Composition and Literature. Credits: 3
 - FCS 1800 - Life Span Human Development. Credits: 3
 - PSY 1879G - Introductory Psychology. Credits: 3
 - SOC 2710G - Introductory Sociology. Credits: 3

AND

- CHM 1040G - The World of Chemistry. Credits: 4
- OR**
- CHM 2040G - Practical Chemistry. Credits: 3
- OR**
- CHM 1310G - General Chemistry I. Credits: 3
- AND**
- CHM 1315G - General Chemistry Laboratory I. Credits: 1

Registration for Upper Division Nursing Courses:

Only students admitted to the nursing major will be approved to register for upper division (3000 or higher) nursing courses.

Application Deadlines:

Applications for the RN to BS in Nursing Program are available in the Nursing Office, Room 315 Lawson Hall or on the nursing program website. Applications and documentation of all admission requirements must be submitted to the Nursing Office on or before July 1st for admission to fall nursing courses and November 15th for admission to spring nursing courses.

Major Requirements:

The major in Nursing comprises:

- Professional Elective. Credits: 3
- BIO 1004G - Practical Microbiology. Credits: 3
- MAT 2250G - Elementary Statistics. Credits: 4
- NUR 3103 - Theoretical Foundations of Professional Nursing Practice. Credits: 3
- NUR 3303 - Advanced Nursing Health Assessment. Credits: 3
- NUR 3604 - Pathophysiology and Pharmacology in Professional Nursing Practice. Credits: 4
- NUR 3703 - Research in Professional Nursing. Credits: 3
- NUR 4106 - Leadership and Management in Nursing. Credits: 6
- NUR 4203 - Nursing, Health Care, Policies, and Politics. Credits: 3
- NUR 4506 - Nursing and the Community. Credits: 3
- NUR 4604 - Professional Seminar. Credits: 4

Progression Requirements:

1. Students enrolled in the RN to BS in Nursing Program must earn a 'C' or better in all major requirement courses to progress in the program.
2. Students must achieve a satisfactory for the clinical component of each nursing course.
3. Students must maintain a cumulative grade point average of at least 2.00 throughout their enrollment in the RN to BS in Nursing Program+.

4. A nursing course in which a student failed to earn a grade of 'C' or better may be repeated by the student only one time. Failure to receive a grade of 'C' or better for a second time of any nursing course will result in dismissal from the program.
5. Failure to earn a 'C' or better in any two nursing courses within the RN to BS in Nursing curriculum will result in dismissal from the program.

Footnotes:

+ Major GPA based on all nursing courses taken at EIU.

PHYSICS

B.S. in Physics

Major

The Physics major comprises the following courses:

Students who have completed college-level, algebra-based physics courses (e.g., PHY 1151G, 1152G, 1161, 1162) should consult the department chair.

- CHM 1310G - General Chemistry I. Credits: 3
- CHM 1315G - General Chemistry Laboratory I. Credits: 1
- CHM 1410 - General Chemistry II. Credits: 3
- CHM 1415 - General Chemistry Laboratory II. Credits: 1
- MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
- MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
- MAT 2443 - Calculus and Analytic Geometry III. Credits: 4
- MAT 3501 - Differential Equations I. Credits: 3
- MAT 3502 - Differential Equations II. Credits: 3
- PHY 1351G - General Physics I. Credits: 3¹
- PHY 1352G - General Physics I Laboratory. Credits: 1¹
- PHY 1361 - General Physics II. Credits: 3
- PHY 1362 - General Physics II Laboratory. Credits: 1
- PHY 1371 - General Physics III. Credits: 3
- PHY 1372 - General Physics III Laboratory. Credits: 1
- PHY 2390 - Statics. Credits: 3
- PHY 2400 - Dynamics. Credits: 3
- PHY 3080 - Modern Physics I. Credits: 3
- PHY 3150 - Electronics. Credits: 4
- PHY 3410 - Electricity and Magnetism I. Credits: 3
- PHY 3420 - Electricity and Magnetism II. Credits: 3
- PHY 4000 - Seminar in Physics. Credits: 1
- PHY 4010 - Seminar in Physics. Credits: 1
- PHY 4710 - Experimental Physics. Credits: 1
(3 semester hours are required)
- PHY 4850 - Quantum Mechanics and Atomic Physics I. Credits: 4

Electives

And 6 semester hours of PHY electives, selected from the list below:

- PHY 3010 - Special Topics in Physics. Credits: 1 to 3
- PHY 3011 - Special Topics in Physics. Credits: 1 to 3
- PHY 3012 - Special Topics in Physics. Credits: 1 to 3
- PHY 3090 - Modern Physics II. Credits: 3
- PHY 3270 - Introduction to Circuit Analysis. Credits: 4
- PHY 3300 - Advanced Classical Mechanics. Credits: 3
- PHY 3320 - Computational Methods in Physics and Engineering. Credits: 4
- PHY 3350 - Introduction to Solid State Physics. Credits: 3
- PHY 4100 - Astrophysics. Credits: 3
- PHY 4410 - Independent Study. Credits: 1 to 3
- PHY 4470 - Optics. Credits: 4
- PHY 4750 - Thermodynamics and Statistical Mechanics. Credits: 4
- PHY 4800 - Independent Study. Credits: 1 to 6
- PHY 4860 - Quantum Mechanics and Atomic Physics II. Credits: 2
- PHY 4870 - Mathematical Methods of Physics. Credits: 3

Footnote:

(Major GPA based on all physics courses taken at EIU.)

¹ PHY 1391, General Physics I, Honors, and PHY 1392, General Physics I Laboratory, Honors, may be taken in place of PHY 1351 and PHY 1352.

B.S. in Physics Major: Applied Physics Option

The applied physics option is for students interested in quantitative applications of the laws of physics to a number of applied areas including electronics, geosciences and solid-state physics.

Core Requirements

Requirements include:

CHM 1310G - General Chemistry I. Credits: 3
 CHM 1315G - General Chemistry Laboratory I. Credits: 1
 CHM 1410 - General Chemistry II. Credits: 3
 CHM 1415 - General Chemistry Laboratory II. Credits: 1
 ESC 3010G - Environmental Physical Sciences. Credits: 3
 (cross listed with GEL 3010G)
 MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
 MAT 2170 - Computer Science I. Credits: 4
 MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
 MAT 2443 - Calculus and Analytic Geometry III. Credits: 4
 MAT 3501 - Differential Equations I. Credits: 3
 PHY 1351G - General Physics I. Credits: 3¹
 PHY 1352G - General Physics I Laboratory. Credits: 1¹
 PHY 1361 - General Physics II. Credits: 3
 PHY 1362 - General Physics II Laboratory. Credits: 1
 PHY 1371 - General Physics III. Credits: 3
 PHY 1372 - General Physics III Laboratory. Credits: 1
 PHY 2390 - Statics. Credits: 3
 PHY 3080 - Modern Physics I. Credits: 3
 PHY 3150 - Electronics. Credits: 2
 PHY 4470 - Optics. Credits: 4
 PHY 4710 - Experimental Physics. Credits: 1
 (twice, once as a Radiation Lab)

Footnote:

(Major GPA based on all physics courses taken at EIU)

¹ PHY 1391, General Physics I, Honors, and PHY 1392, General Physics I Laboratory, Honors, may be taken in place of PHY 1351 and PHY 1352.

B.S. in Physics Major: Astronomy Option

The Astronomy option is a 4-year degree program for students interested in obtaining a B.S. degree in Physics with a concentration in astronomy. This option is for students desiring a liberal arts background in theoretical and experimental physics, as well as a background in astronomy.

Core Requirements

Requirements include:

MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
 MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
 MAT 2443 - Calculus and Analytic Geometry III. Credits: 4
 PHY 1055G - Principles of Astronomy. Credits: 3
 (or PHY 1095G)
 PHY 1056G - Principles of Astronomy Laboratory. Credits: 1
 (or PHY 1096G)
 PHY 1351G - General Physics I. Credits: 3
 (or PHY 1391G)
 PHY 1352G - General Physics I Laboratory. Credits: 1
 (or PHY 1392G)
 PHY 1361 - General Physics II. Credits: 3
 PHY 1362 - General Physics II Laboratory. Credits: 1
 PHY 1371 - General Physics III. Credits: 3
 PHY 1372 - General Physics III Laboratory. Credits: 1
 PHY 2600 - Introductory Research in Physics. Credits: 1 to 3
 PHY 3080 - Modern Physics I. Credits: 3
 PHY 3100 - Astronomical Techniques. Credits: 3
 PHY 3150 - Electronics. Credits: 2
 PHY 4100 - Astrophysics. Credits: 3
 PHY 4470 - Optics. Credits: 4

Electives

3 semester hours chosen from the list below:

MAT 2170 - Computer Science I. Credits: 4
 MAT 2550 - Introduction to Linear Algebra. Credits: 3
 MAT 3501 - Differential Equations I. Credits: 3

And 6 semester hours chosen from the following:

PHY 3090 - Modern Physics II. Credits: 3
 PHY 3300 - Advanced Classical Mechanics. Credits: 3
 PHY 3320 - Computational Methods in Physics and Engineering. Credits: 4
 PHY 3410 - Electricity and Magnetism I. Credits: 3
 PHY 3420 - Electricity and Magnetism II. Credits: 3
 PHY 4444 - Honors Independent Study. Credits: 3¹
 PHY 4555 - Honors Research. Credits: 3¹
 PHY 4600 - Research in Physics. Credits: 1 to 3¹
 PHY 4750 - Thermodynamics and Statistical Mechanics. Credits: 4
 PHY 4800 - Independent Study. Credits: 1 to 6¹
 PHY 4850 - Quantum Mechanics and Atomic Physics I. Credits: 4
 PHY 4860 - Quantum Mechanics and Atomic Physics II. Credits: 2
 PHY 4870 - Mathematical Methods of Physics. Credits: 3

Footnote:

¹ A limit of 1 hour of Physics 4444, 4555, 4600, or 4800 may be counted toward the degree.

(Major GPA based on all physics courses taken at EIU.)

B.S. in Physics Major: Computational Physics Option

The Computational Physics option is designed for students interested in the computational approach to solving complex problems in physics. Students gain experience in computer modeling and simulation of a wide variety of systems in physics and engineering. It is designed for students who seek industrial employment or graduate study in a computational field.

Core Requirements

Requirements include:

CHM 1310G - General Chemistry I. Credits: 3
 CHM 1315G - General Chemistry Laboratory I. Credits: 1
 MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
 MAT 2170 - Computer Science I. Credits: 4
 MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
 MAT 2443 - Calculus and Analytic Geometry III. Credits: 4
 MAT 2550 - Introduction to Linear Algebra. Credits: 3
 MAT 3501 - Differential Equations I. Credits: 3
 PHY 1351G - General Physics I. Credits: 3
 (OR PHY 1391G)
 PHY 1352G - General Physics I Laboratory. Credits: 1
 (OR PHY 1392G)
 PHY 1361 - General Physics II. Credits: 3
 PHY 1362 - General Physics II Laboratory. Credits: 1
 PHY 1371 - General Physics III. Credits: 3
 PHY 1372 - General Physics III Laboratory. Credits: 1
 PHY 2390 - Statics. Credits: 3
 PHY 2400 - Dynamics. Credits: 3
 PHY 3080 - Modern Physics I. Credits: 3
 PHY 3320 - Computational Methods in Physics and Engineering. Credits: 4
 PHY 3410 - Electricity and Magnetism I. Credits: 3
 PHY 4000 - Seminar in Physics. Credits: 1
 PHY 4010 - Seminar in Physics. Credits: 1
 PHY 4320 - Computational Physics. Credits: 4
 PHY 4600 - Research in Physics. Credits: 1 to 3
 PHY 4710 - Experimental Physics. Credits: 1
 PHY 4850 - Quantum Mechanics and Atomic Physics I. Credits: 4

Electives

And 6-8 hours of electives chosen from the list below:

PHY 3090 - Modern Physics II. Credits: 3
 PHY 3270 - Introduction to Circuit Analysis. Credits: 4
 PHY 3300 - Advanced Classical Mechanics. Credits: 3
 PHY 3350 - Introduction to Solid State Physics. Credits: 3
 PHY 3420 - Electricity and Magnetism II. Credits: 3
 PHY 4100 - Astrophysics. Credits: 3
 PHY 4470 - Optics. Credits: 4
 PHY 4750 - Thermodynamics and Statistical Mechanics. Credits: 4
 PHY 4800 - Independent Study. Credits: 1 to 6¹
 PHY 4860 - Quantum Mechanics and Atomic Physics II. Credits: 2
 PHY 4870 - Mathematical Methods of Physics. Credits: 3

Footnote:

¹ A limit of 3 semester hours of PHY 4800 may be counted toward the option. (Major GPA based on all physics courses taken at EIU.)

B.S. in Physics: Engineering Physics Option (See also "Pre-Engineering Program" and "Engineering")

This cooperative degree program requires about three years of work at EIU followed by two years of work at the University of Illinois at Urbana-Champaign (UIUC). This program is designed to combine studies in Physics and Engineering, producing workers with greater versatility and broader skills, making them more attractive to employers of scientists and engineers. Upon completion of the program, the student receives a Bachelor of Science in Physics: Option in Engineering Physics, from EIU and a Bachelor of Science in Engineering degree from UIUC. Interested students should consult with the chairperson of the Pre-Engineering Studies Committee for detailed requirements of the program.

After completing 60 semester hours in this curriculum, a student may apply to the EIU Pre-Engineering Studies Committee for admission as an Engineering Physics candidate. The requirements for admission as an Engineering Physics candidate are a minimum grade point average of

3.00 and approval by the committee. Continuation as an engineering candidate includes meeting the transfer requirements of the College of Engineering at UIUC.

A student who transfers into this curriculum from another college or university must be in residence at EIU for at least one semester before he/she becomes eligible for admission as an Engineering Physics candidate.

Core Requirements

Total: 87-94 semester hours with elective credit to bring the total to 90 semester hours.

General Education Electives. Credits: 30¹
 CHM 1310G - General Chemistry I. Credits: 3
 CHM 1315G - General Chemistry Laboratory I. Credits: 1
 CHM 1410 - General Chemistry II. Credits: 3²
 CHM 1415 - General Chemistry Laboratory II. Credits: 1²
 INT 2043 - Computer-Aided Engineering Drawing. Credits: 3²
 MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
 MAT 2170 - Computer Science I. Credits: 4
 MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
 MAT 2443 - Calculus and Analytic Geometry III. Credits: 4
 MAT 3501 - Differential Equations I. Credits: 3
 PHY 1000 - Engineering Orientation. Credits: Audit only³
 PHY 1351G - General Physics I. Credits: 3
 PHY 1352G - General Physics I Laboratory. Credits: 4
 PHY 1361 - General Physics II. Credits: 3
 PHY 1362 - General Physics II Laboratory. Credits: 1
 PHY 1371 - General Physics III. Credits: 3
 PHY 1372 - General Physics III Laboratory. Credits: 1
 PHY 2390 - Statics. Credits: 3
 PHY 2400 - Dynamics. Credits: 3
 PHY 4710 - Experimental Physics. Credits: 1

12 Semester Hours From Category A+B+C:

Category A: At least one of:

PHY 3410 - Electricity and Magnetism I. Credits: 3
 PHY 4850 - Quantum Mechanics and Atomic Physics I. Credits: 4⁴

Category B: At least one of:

PHY 3350 - Introduction to Solid State Physics. Credits: 3⁵
 PHY 4470 - Optics. Credits: 4
 PHY 4750 - Thermodynamics and Statistical Mechanics. Credits: 4

Category C:

PHY 3080 - Modern Physics I. Credits: 3
 PHY 3090 - Modern Physics II. Credits: 3
 PHY 3150 - Electronics. Credits: 4
 PHY 3270 - Introduction to Circuit Analysis. Credits: 4
 PHY 3300 - Advanced Classical Mechanics. Credits: 3
 PHY 3350 - Introduction to Solid State Physics. Credits: 3
 PHY 3410 - Electricity and Magnetism I. Credits: 3
 PHY 3420 - Electricity and Magnetism II. Credits: 3
 PHY 4444 - Honors Independent Study. Credits: 3⁶
 PHY 4470 - Optics. Credits: 4
 PHY 4555 - Honors Research. Credits: 3⁶
 PHY 4600 - Research in Physics. Credits: 1 to 3⁶
 PHY 4644 - Honors Thesis. Credits: 3⁶
 PHY 4750 - Thermodynamics and Statistical Mechanics. Credits: 4
 PHY 4800 - Independent Study. Credits: 1 to 6⁶
 PHY 4850 - Quantum Mechanics and Atomic Physics I. Credits: 4
 PHY 4860 - Quantum Mechanics and Atomic Physics II. Credits: 2
 PHY 4870 - Mathematical Methods of Physics. Credits: 3

Footnotes:

(Major GPA based on all EIU courses in chemistry, industrial technology, mathematics, and physics taken from the list above.)

Students completing cooperative degree programs, i.e., Engineering and Clinical Laboratory Sciences, will not be required to take a senior seminar or to submit the fourth sample to the Electronic Writing Portfolio because the terminal year is taken off-campus in cooperative programs.

¹ These courses should be selected in consultation with the chairperson of the Pre-Engineering Studies Committee to ensure that Eastern's General Education requirements and UIUC requirements are both fulfilled.

² Students are encouraged to take all of these courses, but one or more may not be required in certain engineering fields.

³ This course should be repeated each semester that a student attends Eastern. In the case of course conflicts with this course, a waiver should be obtained from the Chair of the Pre-Engineering Studies Committee.

⁴ This course has a pre-requisite of Physics 3080.

⁵ This course has a pre-requisite of Physics 3410.

⁶ A limit of 3 hours of Physics 4444, 4555, 4600, 4644, or 4800 may be counted toward the degree.

B.S. in Physics Major: Radiation Physics Option

The radiation physics option is for students interested in applications of physics that occur in the nuclear radiation fields including radio-pharmaceuticals, dosimetry and environmental radiation safety.

Core Requirements

Requirements include:

CHM 1310G - General Chemistry I. Credits: 3
 CHM 1315G - General Chemistry Laboratory I. Credits: 1
 CHM 1410 - General Chemistry II. Credits: 3
 CHM 1415 - General Chemistry Laboratory II. Credits: 1
 CHM 2730 - Quantitative Analysis. Credits: 3
 ESC 3010G - Environmental Physical Sciences. Credits: 3
 (cross listed with GEL 3010G)
 GEL 4335 - Environmental Geology. Credits: 3
 MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
OR
 MAT 2110G - Brief Calculus with Applications. Credits: 3
 MAT 2170 - Computer Science I. Credits: 4
 PHY 1151G - Principles of Physics I. Credits: 3
 PHY 1152G - Principles of Physics I Laboratory. Credits: 1
 PHY 1161 - Principles of Physics II. Credits: 3
 PHY 1162 - Principles of Physics II Laboratory. Credits: 1
 PHY 3001 - Laser Safety. Credits: 3
 PHY 3002 - Introduction to Health Physics. Credits: 3
 PHY 3150 - Electronics. Credits: 4
 PHY 4000 - Seminar in Physics. Credits: 1
 PHY 4710 - Experimental Physics. Credits: 1
 (3 semester hours are required - 2 in radiation lab and 1 in laser lab)

Electives

5 semester hours of electives chosen from the list below:

BIO 3100 - Molecular and Cell Biology. Credits: 3
 CHM 2430 - Survey of Organic Chemistry. Credits: 3
 CHM 2435 - Survey of Organic Chemistry Laboratory. Credits: 1
 CHM 3450 - Biochemistry I. Credits: 3
 FCS 4820 - Death and Dying. Credits: 3
 MAT 2250G - Elementary Statistics. Credits: 4
 PHY 3080 - Modern Physics I. Credits: 3
 PHY 4010 - Seminar in Physics. Credits: 1
 PHY 4600 - Research in Physics. Credits: 1 to 3
 PHY 4800 - Independent Study. Credits: 1 to 6

Footnote:

(Major GPA based on all physics courses taken at EIU.)

Physics Teacher Certification

See the Science with Teacher Certification Major program, (Physics Specialization).

Physics Honors Program

Admission to the Physics Departmental Honors Program will be open to students who have at least a 3.50 GPA, for all classes, on a 4.0 point scale, permission of the Dean of the Honors College, and permission of the Departmental Honors Coordinator. In addition, Physics 2390 and Mathematics 3501 must be completed prior to admission.

Students in the Physics Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade-point average to 3.50 and submit their petition to the Dean of the Honors College and Departmental Honors Coordinator.

Departmental Honors Requirements

Subject to the following minima:

Students in the Departmental Honors program must also complete all the requirements for graduation as a physics major as given in the current Undergraduate Catalog.

Honors thesis supervision will be undertaken by a faculty member approved by the Departmental Chairperson, the Departmental Honors Coordinator, and Faculty Advisor. The thesis must be submitted and

defended in accordance with the Senior Thesis Guide and must be signed by the thesis supervisor.

And at least 12 semester hours in the following honors courses:

- PHY 4444 - Honors Independent Study. Credits: 3
- PHY 4555 - Honors Research. Credits: 3
- PHY 4644 - Honors Thesis. Credits: 3
- PHY 4666 - Honors Seminar. Credits: 3

Physics Minor

Total Semester Hours: 18

12 Semester Hours

12 Semester Hours from the following courses:

- PHY 1351G - General Physics I. Credits: 3
- PHY 1352G - General Physics I Laboratory. Credits: 1

OR

- PHY 1391G - General Physics I, Honors. Credits: 3
- PHY 1392G - General Physics I Laboratory, Honors. Credits: 1

OR

- PHY 1151G - Principles of Physics I. Credits: 3
- PHY 1152G - Principles of Physics I Laboratory. Credits: 1

AND

- PHY 1361 - General Physics II. Credits: 3
- PHY 1362 - General Physics II Laboratory. Credits: 1

OR

- PHY 1161 - Principles of Physics II. Credits: 3
- PHY 1162 - Principles of Physics II Laboratory. Credits: 1

AND

- PHY 1371 - General Physics III. Credits: 3
- PHY 1372 - General Physics III Laboratory. Credits: 1

Electives

6 Semester Hours from:

- PHY 2390 - Statics. Credits: 3
- PHY 2400 - Dynamics. Credits: 3
- PHY 3001 - Laser Safety. Credits: 3
- PHY 3002 - Introduction to Health Physics. Credits: 3
- PHY 3010 - Special Topics in Physics. Credits: 1 to 3
- PHY 3011 - Special Topics in Physics. Credits: 1 to 3
- PHY 3012 - Special Topics in Physics. Credits: 1 to 3
- PHY 3080 - Modern Physics I. Credits: 3
- PHY 3090 - Modern Physics II. Credits: 3
- PHY 3100 - Astronomical Techniques. Credits: 3
- PHY 3150 - Electronics. Credits: 4
- PHY 3300 - Advanced Classical Mechanics. Credits: 3
- PHY 3320 - Computational Methods in Physics and Engineering. Credits: 4
- PHY 3350 - Introduction to Solid State Physics. Credits: 3
- PHY 3410 - Electricity and Magnetism I. Credits: 3
- PHY 3420 - Electricity and Magnetism II. Credits: 3
- PHY 4100 - Astrophysics. Credits: 3
- PHY 4320 - Computational Physics. Credits: 4
- PHY 4470 - Optics. Credits: 4
- PHY 4710 - Experimental Physics. Credits: 1
- PHY 4750 - Thermodynamics and Statistical Mechanics. Credits: 4
- PHY 4850 - Quantum Mechanics and Atomic Physics I. Credits: 4
- PHY 4860 - Quantum Mechanics and Atomic Physics II. Credits: 2

Note:

Not more than two semester hours from:

- PHY 3010 - Special Topics in Physics. Credits: 1 to 3
- PHY 3011 - Special Topics in Physics. Credits: 1 to 3
- PHY 3012 - Special Topics in Physics. Credits: 1 to 3

ENGINEERING

B.S. in Engineering

(See also "Pre-Engineering Program")

This cooperative degree program, administered by the Pre-Engineering Studies Committee, requires about three years of work at EIU followed by two years of work at either the University of Illinois at Urbana-Champaign (UIUC) or Southern Illinois University at Carbondale (SIUC). It is designed to provide engineering students with a broader base of liberal arts than is usually given in a four-year curriculum. Upon completion of the program, the student receives a Bachelor of Science degree from EIU and a Bachelor of Science in Engineering degree from UIUC or SIUC. Interested students should consult with the chairperson of the Pre-Engineering Studies Committee for detailed requirements of the program.

After completing 60 semester hours in this curriculum, a student may apply to the Pre-Engineering Studies Committee for admission as an engineering candidate. The requirements for admission as an engineering candidate are a minimum grade point average of 2.50 for UIUC (2.00 for SIUC) and approval by the committee. Continuation as an engineering candidate includes meeting the transfer requirements of the College of Engineering at UIUC or SIUC.

A student who transfers into this curriculum from another college or university must be in residence at EIU for at least one semester before he/she becomes eligible for admission as an engineering candidate.

Core Requirements

Total: 73-89 semester hours with elective credit to bring the total to 90 semester hours.

- General Education Electives. Credits: 20-27³
- CHM 1310G - General Chemistry I. Credits: 3
- CHM 1315G - General Chemistry Laboratory I. Credits: 1
- CHM 1410 - General Chemistry II. Credits: 3
- CHM 1415 - General Chemistry Laboratory II. Credits: 1
- CMN 1310G - Introduction to Speech Communication. Credits: 3
- ENG 1001G - Composition and Language. Credits: 3
- ENG 1002G - Composition and Literature. Credits: 3
- INT 2043 - Computer-Aided Engineering Drawing. Credits: 3²
- MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
- MAT 2170 - Computer Science I. Credits: 4
- MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
- MAT 2443 - Calculus and Analytic Geometry III. Credits: 4
- MAT 3501 - Differential Equations I. Credits: 3
- PHY 1000 - Engineering Orientation. Credits: Audit only¹
- PHY 1351G - General Physics I. Credits: 3
- PHY 1352G - General Physics I Laboratory. Credits: 1
- PHY 1361 - General Physics II. Credits: 3
- PHY 1362 - General Physics II Laboratory. Credits: 1
- PHY 1371 - General Physics III. Credits: 3
- PHY 1372 - General Physics III Laboratory. Credits: 1
- PHY 2390 - Statics. Credits: 3²
- PHY 2400 - Dynamics. Credits: 3²
- PHY 3270 - Introduction to Circuit Analysis. Credits: 4²

Footnotes:

(Major GPA based on all courses in chemistry, industrial technology, mathematics, and physics taken from the list above.)

Students completing cooperative degree programs, i.e., Engineering and Clinical Laboratory Sciences, will not be required to take a senior seminar or to submit the fourth sample to the Electronic Writing Portfolio because the terminal year is taken off-campus in cooperative programs.

¹ This course should be repeated each semester that a student attends Eastern. In the case of course conflicts with this course, a waiver should be obtained from the Chair of the Pre-Engineering Studies Committee.

² Students are encouraged to take all of these courses, but one or more may not be required in certain engineering fields. SIUC electrical engineering majors take PHY 3410 instead of INT 2043.

³ These courses should be selected in consultation with the chairperson of the Pre-Engineering Studies Committee to ensure that Eastern's General Education requirements and UIUC or SIUC requirements are both fulfilled.

Pre-Engineering Program

(See also "Engineering BS")

This two-year program is administered by the Pre-Engineering Studies Committee. Students planning to enroll in pre-engineering are advised to include the following in their high school programs: mathematics--four or more units, including trigonometry; and Science--three or more units, including chemistry and physics. Students with deficient high school

background should expect their graduation with an engineering degree to be delayed.

There are two pre-engineering options: general (appropriate for all except chemical engineering) and chemical. Students interested in the chemical engineering option should consult with the chairperson of the Pre-Engineering Studies Committee.

Minimum Requirements

Humanities and Social Studies approved by Pre-Engineering Chairperson. Credits: 6
 CHM 1310G - General Chemistry I. Credits: 3
 CHM 1315G - General Chemistry Laboratory I. Credits: 1
 CHM 1410 - General Chemistry II. Credits: 3
 CHM 1415 - General Chemistry Laboratory II. Credits: 1
 ENG 1001G - Composition and Language. Credits: 3
 ENG 1002G - Composition and Literature. Credits: 3
 INT 2043 - Computer-Aided Engineering Drawing. Credits: 3
 MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
 MAT 2170 - Computer Science I. Credits: 4
 MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
 MAT 2443 - Calculus and Analytic Geometry III. Credits: 4
 MAT 3501 - Differential Equations I. Credits: 3
 PHY 1000 - Engineering Orientation. Credits: Audit only¹
 PHY 1351G - General Physics I. Credits: 3
 PHY 1352G - General Physics I Laboratory. Credits: 1
 PHY 1361 - General Physics II. Credits: 3
 PHY 1362 - General Physics II Laboratory. Credits: 1
 PHY 1371 - General Physics III. Credits: 3
 PHY 1372 - General Physics III Laboratory. Credits: 1
 PHY 2390 - Statics. Credits: 3
 PHY 2400 - Dynamics. Credits: 3
 PHY 3270 - Introduction to Circuit Analysis. Credits: 4

Footnotes:

¹ This course should be repeated each semester that a student attends Eastern. In the case of course conflicts with this course, a waiver should be obtained from the Chair of the Pre-Engineering Studies Committee.

POLITICAL SCIENCE

B.A. in Political Science

The major in Political Science comprises:

PLS 1003 - Introduction to Comparative Politics. Credits: 3
 PLS 1153G - American Government and Constitution. Credits: 3
OR
 PLS 1193G - American Government and Constitution, Honors. Credits: 3
 PLS 2033 - Research Methods in Political Science. Credits: 3
 PLS 2103 - Introduction to Political Theory. Credits: 3
 PLS 2253G - Introduction to International Relations. Credits: 3
OR
 PLS 2293G - Introduction to International Relations, Honors. Credits: 3
 PLS 2603 - State and Local Government. Credits: 3

And course work in the following:

- International Relations area
- Comparative Politics area
- American Political Behavior area
- American Institutions and Policies area
- Public Administration area
- Public Law area
- Political Theory area
- 6 hrs. of PLS electives.

Areas and Electives

Political Science courses in areas and electives include one course from each of the following areas (21 hours), as well as 6 hours of electives:

International Relations

PLS 3203 - American Foreign Policy. Credits: 3
 PLS 3223 - International Organizations. Credits: 3
 PLS 3233 - International Terrorism. Credits: 3
 PLS 3373 - International Political Economy. Credits: 3
 PLS 4823 - International Policy Issues. Credits: 3

Comparative Politics

PLS 3303 - European Politics and Governments Credits: 3
 PLS 3323 - Post-Communist Politics and Governments. Credits: 3
 PLS 3333 - Politics of Latin America and the Caribbean. Credits: 3
 PLS 3343 - Government and Politics of the Middle East. Credits: 3
 PLS 3353 - Politics of Sub-Saharan Africa. Credits: 3
 PLS 3363 - Government and Politics in Asia-Pacific Rim. Credits: 3

American Political Behavior

PLS 3703 - African American Politics. Credits: 3
 PLS 3713 - Political Parties and Elections. Credits: 3
 PLS 3723 - Public Opinion and Political Participation. Credits: 3
 PLS 3733 - Interest Groups. Credits: 3

American Institutions and Policies

PLS 3643 - Comparative State Politics. Credits: 3
 PLS 3743 - The Legislative Process. Credits: 3
 PLS 3753 - The American Presidency. Credits: 3
 PLS 3763 - Environmental Politics and Policy. Credits: 3

Public Administration

PLS 3413 - Introduction to Public Administration. Credits: 3
 PLS 4793 - Public Organization Theory. Credits: 3
 PLS 4873 - Human Resource Management in Government. Credits: 3
 PLS 4893 - Government Budgeting and Politics. Credits: 3

Public Law

PLS 3513 - Politics and the Legal Process. Credits: 3
 PLS 3523 - Criminal Law. Credits: 3
 PLS 3543 - Civil Liberties in America. Credits: 3
 PLS 3903 - Gender, Public Policy and the Law. Credits: 3
 PLS 4774 - American Constitutional Law. Credits: 3
 PLS 4853 - Contemporary Constitutional Development. Credits: 3

Political Theory

PLS 4903 - Classic Political Theory. Credits: 3
 PLS 4913 - Contemporary Political Theory. Credits: 3
 PLS 4923 - African American Political Thought. Credits: 3
 PLS 4933 - Ideologies of the Third World Nations. Credits: 3
 PLS 4943 - American Political Thought. Credits: 3

Public Administration Concentration for Political Science Majors

In addition to meeting all requirements for the Political Science Major, students will take a total of 12 hours from two groups of courses. All courses with a PLS prefix taken to meet Public Administration concentration requirements must be in addition to requirements for the major.

Total Semester Hours: 12

Group One (9 Hours)

Students will take three courses from Group One, excluding the course taken to meet the public administration requirement for the major.

PLS 3413 - Introduction to Public Administration. Credits: 3
 PLS 4793 - Public Organization Theory. Credits: 3

PLS 4873 - Human Resource Management in Government. Credits: 3
 PLS 4893 - Government Budgeting and Politics. Credits: 3

Group Two (3 Hours)

Students will take one of the following courses:

ECN 3851 - Public Finance. Credits: 3*
 GEG 3800 - Introduction to Cartography. Credits: 3*
 PLS 3763 - Environmental Politics and Policy. Credits: 3
 PLS 3903 - Gender, Public Policy and the Law. Credits: 3
 SOC 4000 - Sociology of Work and Occupations. Credits: 3

*Students wishing a more specialized background to prepare for graduate studies in public administration or a public administration career should give special consideration to either of the following: (1) the Economics sequence of ECN 2801G, 2802G and 3851 or (2) GEG 3800 along with Geographic Information Systems (GIS) coursework offered by the Geology-Geography Department.

Footnote:

(Major GPA based on all political science courses taken at EIU.)

B.A. in Political Science: International Studies Option

Core Requirements

This option comprises:

- PLS 1003 - Introduction to Comparative Politics. Credits: 3
 PLS 1153G - American Government and Constitution. Credits: 3
OR
 PLS 1193G - American Government and Constitution, Honors. Credits: 3
 PLS 2033 - Research Methods in Political Science. Credits: 3
 PLS 2103 - Introduction to Political Theory. Credits: 3
 PLS 2253G - Introduction to International Relations. Credits: 3
OR
 PLS 2293G - Introduction to International Relations, Honors. Credits: 3

International Relations & Comparative Politics

Four courses from:

- PLS 3203 - American Foreign Policy. Credits: 3
 PLS 3223 - International Organizations. Credits: 3
 PLS 3233 - International Terrorism. Credits: 3
 PLS 3303 - European Politics and Governments Credits: 3
 PLS 3323 - Post-Communist Politics and Governments. Credits: 3
 PLS 3333 - Politics of Latin America and the Caribbean. Credits: 3
 PLS 3343 - Government and Politics of the Middle East. Credits: 3
 PLS 3353 - Politics of Sub-Saharan Africa. Credits: 3
 PLS 3363 - Government and Politics in Asia-Pacific Rim. Credits: 3
 PLS 3373 - International Political Economy. Credits: 3
 PLS 4823 - International Policy Issues. Credits: 3

American Politics

One course from:

- PLS 3643 - Comparative State Politics. Credits: 3
 PLS 3703 - African American Politics. Credits: 3
 PLS 3713 - Political Parties and Elections. Credits: 3
 PLS 3723 - Public Opinion and Political Participation. Credits: 3
 PLS 3733 - Interest Groups. Credits: 3
 PLS 3743 - The Legislative Process. Credits: 3
 PLS 3753 - The American Presidency. Credits: 3
 PLS 3763 - Environmental Politics and Policy. Credits: 3

Public Administration

One course from:

- PLS 3413 - Introduction to Public Administration. Credits: 3
 PLS 4793 - Public Organization Theory. Credits: 3
 PLS 4873 - Human Resource Management in Government. Credits: 3
 PLS 4893 - Government Budgeting and Politics. Credits: 3

Political Theory

One course from:

- PLS 4903 - Classic Political Theory. Credits: 3
 PLS 4913 - Contemporary Political Theory. Credits: 3
 PLS 4923 - African American Political Thought. Credits: 3
 PLS 4933 - Ideologies of the Third World Nations. Credits: 3
 PLS 4943 - American Political Thought. Credits: 3

History

Two courses from:

- HIS 2560 - Early Modern World History. Credits: 3
 HIS 3210 - History of the Modern Middle East. Credits: 3
 HIS 3250 - African History. Credits: 3
 HIS 3260 - Modern Latin America. Credits: 3
 HIS 3320 - History of Modern China. Credits: 3
 HIS 3350 - Twentieth Century Russia. Credits: 3
 HIS 3555 - Modern World History. Credits: 3
 HIS 3800 - U.S. Diplomatic History. Credits: 3

Economics

- ECN 2801G - Principles of Macroeconomics. Credits: 3
 ECN 2802G - Principles of Microeconomics. Credits: 3

Upper Division Courses

Although not required, students with an interest in taking upper division courses in Economics are encouraged to select from the following:

- ECN 3833 - Economic Development of Modern Europe. Credits: 3
 ECN 3860 - International Economics. Credits: 3
 ECN 4511 - Comparative Economic Systems. Credits: 3
 ECN 4570 - Economic Problems of the Developing Countries. Credits: 3
 ECN 4813 - Transition Economies. Credits: 3
 ECN 4861 - International Economic Problems. Credits: 3

Foreign Language

Students must show proficiency in a foreign language (of their choosing) at the intermediate level or completion of foreign language courses at the intermediate level.

Study Abroad

In addition to stated graduation requirements, students in the International Studies Option are encouraged to explore study abroad opportunities to enhance their overall education experience. With the approval of the department, students may substitute courses taken through Study Abroad for requirements of the International Studies Option of the B.A. in Political Science.

Footnote:

(Major GPA based on all political science courses taken at EIU.)

Political Science Teacher Certification

See the Social Science Teaching Major program, (Political Science Designation).

Political Science Honors Program

Prerequisites

Admission to the Political Science Departmental Honors Program is open to students who have at least a 3.50 grade-point average on a 4.0 point scale and have completed the courses listed below. Permission of the Dean of the Honors College and the Departmental Honors Coordinator is also required. Students in the Political Science Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade-point average to 3.50 and submit their petition to the Dean of the Honors College and Departmental Honors Coordinator.

- PLS 1003 - Introduction to Comparative Politics. Credits: 3
 PLS 1153G - American Government and Constitution. Credits: 3
OR
 PLS 1193G - American Government and Constitution, Honors. Credits: 3
 PLS 2033 - Research Methods in Political Science. Credits: 3
 PLS 2103 - Introduction to Political Theory. Credits: 3
 PLS 2253G - Introduction to International Relations. Credits: 3
OR
 PLS 2293G - Introduction to International Relations, Honors. Credits: 3
 PLS 2603 - State and Local Government. Credits: 3

Departmental Honors Requirements

- PLS 4444 - Honors Independent Study. Credits: 3
 PLS 4555 - Honors Research. Credits: 3
 PLS 4644 - Honors Thesis. Credits: 3

And Political Science 5000 through 5499 Graduate Seminar. Credits: 3

The graduate seminar required of honors students may substitute for one of the distribution requirements in the major with the prior approval of the Departmental Chairperson and the Departmental Honors Coordinator.

Political Science Minor

18 semester hours in political science, including:

- PLS 1153G - American Government and Constitution. Credits: 3
OR
 PLS 1193G - American Government and Constitution, Honors. Credits: 3

Plus One of:

- PLS 1003 - Introduction to Comparative Politics. Credits: 3
 PLS 2253G - Introduction to International Relations. Credits: 3
OR
 PLS 2293G - Introduction to International Relations, Honors. Credits: 3
 PLS 2603 - State and Local Government. Credits: 3

And at least six semester hours of Political Science courses numbered 3000 and above.

Pre-Law Program and Minor

To provide students with guidance in the selection of those courses which will enable them to complete a J.D. at an American Bar Association accredited law school, EIU offers a minor in Pre-Law Studies. This minor will provide students with the following: basic analytical skills, an introduction to the language of the law, and the written communication

skills necessary for the study of law. This minor is administered by the Pre-Law Advisor and the Pre-Legal Studies Committee.

All students interested in a career in law should consult with the Pre-Law Advisor (217) 581-2523 (Coleman Hall 2135) for information regarding law school admission requirements.

Students at Eastern are provided with a variety of on-campus services by the Pre-Law Advisor and the Pre-Legal Studies Committee, including information about all ABA-approved law schools, guest presentations by law school admissions officers and by persons who practice law, several scholarships for students who are admitted to law school, field trips to area law schools, Pre-Law Internships, a Pre-Law Club, the Law School Admission Test (administered on campus), a mock Law School Admission Test, LSAT Preparatory Course and advice from the Pre-Law Advisor concerning law school admissions strategies.

PSYCHOLOGY

B.A. in Psychology

Major

Criteria for admission to the Psychology Major:

1. Completion of MAT 1271 or higher level math course, with a grade of C or better; or ACT mathematics score of 26 or higher.
2. Completion of PSY 1879G (or equivalent) with a grade of C or better.

Core Requirements

Total Semester Hours: 36-39

Students must complete the hours specified from each of the groups below as well as the following, which represent the core requirements of the Psychology BA:

- MAT 1271 - College Algebra. Credits: 3
or higher level math course, or ACT math score of 26 or higher
- PSY 1879G - Introductory Psychology. Credits: 3
- PSY 2610 - Statistical Methods of Psychology. Credits: 4
- PSY 2999 - Psychological Forum. Credits: 1
- PSY 3805 - Research Methods and Experimental Design. Credits: 4

Group A. Abnormal/Social Group:

At least two courses from:

- PSY 3590 - Theories of Personality. Credits: 3
- PSY 3780 - Abnormal Psychology. Credits: 3
- PSY 3870 - Social Psychology. Credits: 3

Group B. Biopsychological Group:

At least one course from:

- PSY 3310 - Biological Psychology. Credits: 3
- PSY 3680 - Sensation and Perception. Credits: 3

Group C. Cognitive/Learning Group:

At least one course from:

- PSY 3620 - Psychology of Learning. Credits: 3
- PSY 3830 - Cognitive Processes. Credits: 3

Group D. Developmental Group:

At least one course from:

- PSY 3515 - Child Psychology. Credits: 3
- PSY 3521 - Psychology of Adolescence and Young Adulthood. Credits: 3
- PSY 3525 - Psychology of Maturity and Old Age. Credits: 3

Electives

Electives: nine semester hours from any Psychology Courses ^{1,2} except Psychology 4274 and 4275.

Footnotes:

¹ No more than 3 semester hours each of PSY 3900 or 4100 may count toward this requirement.

² At least 3 semester hours of this requirement must be at the 4000-level.

A grade of C or better is required in all courses counting towards the Major.

(Major GPA based on all psychology courses taken at EIU)

Majors are required to complete the department's exit evaluation at least 10 days prior to the closing date of the last term of graduation.

Psychology Teacher Certification

See the Social Science Teaching Major program, (Psychology Designation).

Psychology Honors Program

Admission to the Departmental Honors Program in Psychology requires at least a 3.50 GPA on a 4.0 scale and permission of the Dean of the Honors College and the Departmental Honors Coordinator.

Students in the Psychology Honors Program must maintain an overall GPA of 3.50. Students who have been dismissed from the program because their overall GPA has fallen below 3.50 may petition for readmission. Students must raise their grade-point average to 3.50 and submit their petition to the Dean of the Honors College and Departmental Honors Coordinator.

Departmental Honors Requirements

(Honors Students also must meet core requirements for the major.)

Total Semester Hours: 52-55

One graduate-level course approved by the Departmental Honors Coordinator Credits: 3

[Psychology 4444 may be substituted for this requirement. Psychology 4444 can be taken for a total of no more than six hours.]

PSY 3310 - Biological Psychology. Credits: 3

PSY 3590 - Theories of Personality. Credits: 3

PSY 3780 - Abnormal Psychology. Credits: 3

PSY 3830 - Cognitive Processes. Credits: 3

PSY 3870 - Social Psychology. Credits: 3

PSY 4250 - History and Systems. Credits: 3

PSY 4444 - Honors Independent Study. Credits: 3

PSY 4610 - Advanced Statistics in Psychology. Credits: 4

PSY 4644 - Honors Thesis. Credits: 3

PSY 4666 - Honors Seminar. Credits: 3

(taken twice)

[Psychology 4444, taken once, may be substituted for Psychology 4666]

One of the following:

PSY 3515 - Child Psychology. Credits: 3

PSY 3521 - Psychology of Adolescence and Young Adulthood. Credits: 3

PSY 3525 - Psychology of Maturity and Old Age. Credits: 3

Psychology Minor

A grade of C or better is required in all courses counting towards the minor.

Total Semester Hours: 18

PSY 1879G - Introductory Psychology. Credits: 3

And 15 Semester Hours of Electives in Psychology

Electives in Psychology selected to meet the particular educational goals of individual students in consultation with a Psychology advisor. (Must include at least nine hrs. of courses numbered 3000 or above.)

SCIENCE WITH TEACHER CERTIFICATION

B.S. in Science with Teacher Certification

Standard High School Certificate

The Science with Teacher Certification major prepares students for teaching careers in the sciences (biological sciences, chemistry, earth sciences and physics) at the secondary level (grades 9-12). For students also wanting to be eligible to teach middle school sciences, additional Middle Level Education courses are required.

This major requires that students follow and meet the requirements for Admission, Retention and Graduation from Teacher Certification programs as described in the "Teacher Certification Programs" section of this catalog and as explained at the University Admission to Teacher Education Meeting which all students must attend. Students must gain University Approval to Take Teacher Education Courses no later than the end of their first semester Junior year. Additional information on Admission, Retention and Graduation for Teacher Certification programs can be found on the College of Education & Professional Studies website at <http://www.eiu.edu/ceps/teached>.

All students must pass the Illinois Certification Test of Basic Skills for selection into teacher education and should complete this requirement no later than their sophomore year.

Students must receive a "C" or better in all professional education courses and maintain a minimum cumulative and major GPA of 2.65 to continue in the program.

Students have two options for completing the professional education coursework – Regular Secondary Education Program and Integrated Secondary Education Program (ISEP). The Integrated Secondary Education Program is strongly recommended for the Science with Teacher Certification major.

For more information regarding these two options please consult with your advisor. Information is also available in the Teacher Certification Program section of this catalog.

Biological Sciences Specialization

The BS in Science with Teacher Certification (Biological Sciences Specialization) degree program prepares students for a career as a secondary science teacher with emphasis in the biological sciences.

The BS in Science Teacher Certification with Biological Sciences Specialization Major:

1. 76 Semester Hours of Major Courses:

- BIO 1100 - General Biology. Credits: 4
- BIO 1200G - General Botany. Credits: 4
- BIO 1300G - Animal Diversity. Credits: 4
- BIO 2200 - Human Anatomy. Credits: 4
- BIO 3100 - Molecular and Cell Biology. Credits: 3
- BIO 3200 - Genetics. Credits: 4
- BIO 3400 - Methods of Teaching Biological Sciences in High School. Credits: 3
- BIO 3510 - Plant Physiology. Credits: 4
- OR**
- BIO 3520 - Animal Physiology. Credits: 4
- BIO 3800 - Ecology. Credits: 4
- BIO 4984 - Organic Evolution. Credits: 3
- CHM 1310G - General Chemistry I. Credits: 3
- CHM 1315G - General Chemistry Laboratory I. Credits: 1
- CHM 1410 - General Chemistry II. Credits: 3
- CHM 1415 - General Chemistry Laboratory II. Credits: 1
- CHM 2730 - Quantitative Analysis. Credits: 3
- CHM 3100 - Practicum in Chemistry. Credits: 1
- ESC 1300G - Introduction to Earth Sciences. Credits: 4
- ESC 1400G - Weather and Climate. Credits: 4
- ESC 2450G - Oceanography. Credits: 3
- MAT 2250G - Elementary Statistics. Credits: 4
- PHY 1055G - Principles of Astronomy. Credits: 3
- PHY 1056G - Principles of Astronomy Laboratory. Credits: 1
- PHY 1151G - Principles of Physics I. Credits: 3
- PHY 1152G - Principles of Physics I Laboratory. Credits: 1
- PHY 1161 - Principles of Physics II. Credits: 3
- PHY 1162 - Principles of Physics II Laboratory. Credits: 1

2. 25-31 Semester Hours in the Professional Education Core

For the regular program:

- EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
- EDF 4450 - Philosophy and History of Education. Credits: 3
- EDP 3331 - Theories of Learning and Development for Secondary Teachers. Credits: 3
- SED 2000 - Inquiry Into Teaching. Credits: 1
- SED 3330 - Instructional Tasks in the Secondary School. Credits: 3
- SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3
- STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
- STG 4001 - Student Teaching. Credits: 12-16

or the Following for the ISEP:

- EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
- SED 2000 - Inquiry Into Teaching. Credits: 1
- SED 3000 - ISEP Level I. Credits: 3
- SED 3100 - ISEP Level II. Credits: 3
- STG 4001 - Student Teaching. Credits: 12-16

Footnote:

(Major GPA based on all biological sciences, chemistry, earth sciences, and physics courses taken at EIU.)

Chemistry Specialization

The BS in Science with Teacher certification (Chemistry Specialization) degree program prepares students for a career as high school science teachers. In addition, it prepares students to teach high school chemistry at all levels from introductory through Advanced Placement (AP).

The BS in Science Teacher Certification with Chemistry Specialization Major:

1. 76-77 Semester Hours of Major Courses

- BIO 1100 - General Biology. Credits: 4
- BIO 1200G - General Botany. Credits: 4
- BIO 1300G - Animal Diversity. Credits: 4
- CHM 1310G - General Chemistry I. Credits: 3
- CHM 1315G - General Chemistry Laboratory I. Credits: 1
- CHM 1410 - General Chemistry II. Credits: 3
- CHM 1415 - General Chemistry Laboratory II. Credits: 1
- CHM 2310 - Inorganic Chemistry I. Credits: 3
- CHM 2430 - Survey of Organic Chemistry. Credits: 3
- CHM 2435 - Survey of Organic Chemistry Laboratory. Credits: 1
- CHM 2730 - Quantitative Analysis. Credits: 3
- CHM 3000 - Undergraduate Seminar. Credits: Audit only
- CHM 3001 - Undergraduate Seminar. Credits: 1
- CHM 3100 - Practicum in Chemistry. Credits: 1
- CHM 3300 - Survey of Biochemistry. Credits: 3
- CHM 3780 - Instrumental Analysis. Credits: 3
- or** CHM 3915
- CHM 3910 - Chemical Thermodynamics and Kinetics. Credits: 3
- CHM 3915 - Physical Chemistry Laboratory. Credits: 2
- or** CHM 3780
- ESC 1300G - Introduction to Earth Sciences. Credits: 4
- ESC 1400G - Weather and Climate. Credits: 4
- ESC 2450G - Oceanography. Credits: 3
- MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
- MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
- PHS 3400 - Methods of Teaching Physical Sciences. Credits: 3
- PHY 1351G - General Physics I. Credits: 3
- PHY 1352G - General Physics I Laboratory. Credits: 1
- PHY 1361 - General Physics II. Credits: 3
- PHY 1362 - General Physics II Laboratory. Credits: 1
- PHY 3150 - Electronics. Credits: 4

2. 25-31 Semester Hours in the Professional Education Core

For the regular program:

- EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
- EDF 4450 - Philosophy and History of Education. Credits: 3
- EDP 3331 - Theories of Learning and Development for Secondary Teachers. Credits: 3
- SED 2000 - Inquiry Into Teaching. Credits: 1
- SED 3330 - Instructional Tasks in the Secondary School. Credits: 3
- SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3
- STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
- STG 4001 - Student Teaching. Credits: 12-16

or the Following for the ISEP:

- EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
- SED 2000 - Inquiry Into Teaching. Credits: 1
- SED 3000 - ISEP Level I. Credits: 3
- SED 3100 - ISEP Level II. Credits: 3
- SED 4000 - ISEP Level III. Credits: 3
- STG 4001 - Student Teaching. Credits: 12-16

Footnote:

(Major GPA based on all biological sciences, chemistry, earth sciences, and physics courses taken at EIU.)

Earth Sciences Specialization

The BS in Science with Teacher Certification (Earth Sciences Specialization) degree program prepares students for a career as a secondary science teacher with emphasis in the earth sciences.

The BS in Science Teacher Certification with Earth Sciences Specialization Major:

1. 74 Semester Hours of Major Courses

- BIO 1100 - General Biology. Credits: 4
- BIO 1200G - General Botany. Credits: 4

BIO 1300G - Animal Diversity. Credits: 4
 CHM 1310G - General Chemistry I. Credits: 3
 CHM 1315G - General Chemistry Laboratory I. Credits: 1
 CHM 1410 - General Chemistry II. Credits: 3
 CHM 1415 - General Chemistry Laboratory II. Credits: 1
 CHM 2730 - Quantitative Analysis. Credits: 3
 CHM 3100 - Practicum in Chemistry. Credits: 1
 ESC 1300G - Introduction to Earth Sciences. Credits: 4
 ESC 1400G - Weather and Climate. Credits: 4
 ESC 2450G - Oceanography. Credits: 3
 ESC 3200 - Human Impacts on the Environment. Credits: 3
 ESC 3410 - Climatology. Credits: 3
 or GEL 3510
 GEL 1430 - Historical Geology. Credits: 4
 GEL 2440 - Mineralogy. Credits: 4
 GEL 3405 - Petrology. Credits: 4
 GEL 3420 - Principles of Geomorphology. Credits: 3
 GEL 3510 - Principles of Sedimentation. Credits: 3
 or ESC 3410
 GEL 4490 - Invertebrate Paleontology. Credits: 3
 PHS 3400 - Methods of Teaching Physical Sciences. Credits: 3
 PHY 1055G - Principles of Astronomy. Credits: 3
 PHY 1056G - Principles of Astronomy Laboratory. Credits: 1
 PHY 1151G - Principles of Physics I. Credits: 3
 PHY 1152G - Principles of Physics I Laboratory. Credits: 1
 PHY 1161 - Principles of Physics II. Credits: 3
 PHY 1162 - Principles of Physics II Laboratory. Credits: 1

2. 25-31 Semester Hours in the Professional Education Core

For the regular program:

EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
 EDF 4450 - Philosophy and History of Education. Credits: 3
 EDP 3331 - Theories of Learning and Development for Secondary Teachers. Credits: 3
 SED 2000 - Inquiry Into Teaching. Credits: 1
 SED 3330 - Instructional Tasks in the Secondary School. Credits: 3
 SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3
 STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
 STG 4001 - Student Teaching. Credits: 12-16

or the Following for the ISEP:

EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
 SED 2000 - Inquiry Into Teaching. Credits: 1
 SED 3000 - ISEP Level I. Credits: 3
 SED 3100 - ISEP Level II. Credits: 3
 SED 4000 - ISEP Level III. Credits: 3
 STG 4001 - Student Teaching. Credits: 12-16

Footnote:

(Major GPA based on all biological sciences, chemistry, earth sciences, and physics courses taken at EIU.)

Physics Specialization

Students in the Science Teacher Certification program with Physics Specialization are preparing for a career in high school science teaching. The physics specialization provides a broad based empirical introduction to the quantitative study of the foundations and applications of physics including the areas of mechanics, electromagnetism, thermodynamics and modern physics for the student who will teach AP, honors, or upper division high school physics.

The Science Teacher Certification with a Physics Specialization Major:

1. 74 Semester Hours in Major Courses

BIO 1100 - General Biology. Credits: 4
 BIO 1200G - General Botany. Credits: 4
 BIO 1300G - Animal Diversity. Credits: 4
 CHM 1310G - General Chemistry I. Credits: 3
 CHM 1315G - General Chemistry Laboratory I. Credits: 1
 CHM 1410 - General Chemistry II. Credits: 3
 CHM 1415 - General Chemistry Laboratory II. Credits: 1
 CHM 2730 - Quantitative Analysis. Credits: 3
 CHM 3100 - Practicum in Chemistry. Credits: 1
 ESC 1300G - Introduction to Earth Sciences. Credits: 4

ESC 1400G - Weather and Climate. Credits: 4
 ESC 2450G - Oceanography. Credits: 3
 MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
 MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
 MAT 2443 - Calculus and Analytic Geometry III. Credits: 4
 PHS 3400 - Methods of Teaching Physical Sciences. Credits: 3
 PHY 1351G - General Physics I. Credits: 3
 PHY 1352G - General Physics I Laboratory. Credits: 1
 PHY 1361 - General Physics II. Credits: 3
 PHY 1362 - General Physics II Laboratory. Credits: 1
 PHY 1371 - General Physics III. Credits: 3
 PHY 1372 - General Physics III Laboratory. Credits: 1
 PHY 3150 - Electronics. Credits: 4
 PHY 3500 - Laboratory Practicum. Credits: 1
 PHY 4000 - Seminar in Physics. Credits: 1
 PHY 4470 - Optics. Credits: 4

2. 25-31 Semester Hours in the Professional Education Core

For the regular program:

EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
 EDF 4450 - Philosophy and History of Education. Credits: 3
 EDP 3331 - Theories of Learning and Development for Secondary Teachers. Credits: 3
 SED 2000 - Inquiry Into Teaching. Credits: 1
 SED 3330 - Instructional Tasks in the Secondary School. Credits: 3
 SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3
 STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
 STG 4001 - Student Teaching. Credits: 12-16

or the Following for the ISEP:

EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
 SED 2000 - Inquiry Into Teaching. Credits: 1
 SED 3000 - ISEP Level I. Credits: 3
 SED 3100 - ISEP Level II. Credits: 3
 SED 4000 - ISEP Level III. Credits: 3
 STG 4001 - Student Teaching. Credits: 12-16

Footnote:

(Major GPA based on all biological sciences, chemistry, earth sciences, and physics courses taken at EIU.)

SOCIAL SCIENCE TEACHING

B.A. in Social Science Teaching Standard High School Certificate*

The Social Science Teaching Major is designed to meet the needs of students who wish to teach Social Studies subjects in Illinois secondary schools. The major's disciplinary curriculum consists of courses in the social sciences (economics, geography, history, political science, psychology, sociology and anthropology). Students must receive a grade of C or higher in all courses which apply to the major and must maintain a cumulative and major grade point average of 2.75 or higher to complete the program. For students also wanting to be eligible to teach in the middle school, additional Middle Level Education courses are required.

The Social Science Teaching Major comprises:

- 40 hours of general education
- 27-31 hours in the professional education core (Regular program: SED 2000, EDF 2555, SED 3330, EDP 3331, EDF 4450, SPE 3500, STG 4000, STG 4001; or Integrated program (ISEP): SED 2000, EDF 2555, SED 3000, SED 3100, SED 4000, STG 4001) and
- 72-80 hours in major courses dependent upon the designation chosen (see courses listed below under "Required Major Courses" for each designation).

This major requires that students follow and meet the requirements for Admission, Retention and Graduation from Teacher Certification programs as described in the Teacher Certification Programs section of this catalog and as explained at the University Admission to Teacher Education Meeting which all students must attend. Students must gain University Approval to Take Teacher Education Courses no later than the end of their first semester Junior year in order to use this suggested plan. Additional information on Admission, Retention and Graduation for Teacher Certification programs can be found on the College of Education & Professional Studies website at <http://www.eiu.edu/ceps/teached>.

All students must pass the Illinois Certification Test of Basic Skills for selection into teacher education and should complete this requirement no later than their sophomore year.

Students must receive a "C" or better in all professional education courses and maintain a minimum cumulative and major GPA of 2.65 in order to continue in the education program. Students must receive a "C" or better in all professional education and major courses, and maintain a minimum cumulative and major GPA of 2.75, in order to be approved for student teaching. Approval for student teaching requires that the minimum GPA be held at the beginning of the semester prior to the student teaching semester.

Students have two options for completing the professional education coursework – Regular Secondary Education Program and Integrated Secondary Education Program (ISEP). For more information regarding these two options please consult with your advisor. Information is also available in the Teacher Certification Programs section of this catalog.

Geography Designation

The Social Science Teaching major with a Geography designation comprises:

80 Hours in Major Courses

ANT 2200G - Introduction to Anthropology. Credits: 3
 ECN 2801G - Principles of Macroeconomics. Credits: 3
 ECN 2802G - Principles of Microeconomics. Credits: 3
 ESC 1300G - Introduction to Earth Sciences. Credits: 4
 ESC 1400G - Weather and Climate. Credits: 4
 GEG 1100G - Cultural Geography. Credits: 3
 GEG 1200G - World Regional Geography. Credits: 3
 GEG 3025 - Geography of the United States and Canada. Credits: 3
 GEG 3200 - Human Impacts on the Environment. Credits: 3
 GEG 3420 - Principles of Geomorphology. Credits: 3
 HIS 1500G - Roots of the Modern World: Society and Religion. Credits: 3
 (I. Society and Religion)
 HIS 2010G - History of the United States to 1877. Credits: 3
 HIS 2020G - History of the United States Since 1877. Credits: 3
 HIS 3555 - Modern World History. Credits: 3
 PLS 1003 - Introduction to Comparative Politics. Credits: 3
 PLS 1153G - American Government and Constitution. Credits: 3
 PLS 2253G - Introduction to International Relations. Credits: 3
 PLS 2603 - State and Local Government. Credits: 3
 PSY 1879G - Introductory Psychology. Credits: 3
 PSY 3521 - Psychology of Adolescence and Young Adulthood. Credits: 3
 PSY 3780 - Abnormal Psychology. Credits: 3
 SOC 2710G - Introductory Sociology. Credits: 3
 SOC 2721 - Social Stratification. Credits: 3
 SOS 3400 - Methods and Materials in the Social Studies in the Secondary School. Credits: 3

2 GEG Elective Courses

Total Semester Hours: 6

GEG 3600 - Economic Geography. Credits: 3
 GEG 3750 - Population Geography. Credits: 3
 GEG 3800 - Introduction to Cartography. Credits: 3

24-25 Hours in Additional General Education Courses

27-31 Hours in the Professional Education Core

For the regular program:

EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
 EDF 4450 - Philosophy and History of Education. Credits: 3
 EDP 3331 - Theories of Learning and Development for Secondary Teachers. Credits: 3
 SED 2000 - Inquiry Into Teaching. Credits: 1
 SED 3330 - Instructional Tasks in the Secondary School. Credits: 3
 SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3
 STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
 STG 4001 - Student Teaching. Credits: 12-16
 (register for 14 semester hours)

or the Following for the ISEP:

EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
 SED 2000 - Inquiry Into Teaching. Credits: 1

SED 3000 - ISEP Level I. Credits: 3
 SED 3100 - ISEP Level II. Credits: 3
 SED 4000 - ISEP Level III. Credits: 3
 STG 4001 - Student Teaching. Credits: 12-16
 (register for 12 semester hours)

Footnotes:

(Major GPA based on all anthropology, economics, geography, history, political science, psychology, sociology and social science courses taken at EIU.)

Satisfactory completion of this designation requires:

- a grade of C or higher in each course that applies to the 72-80 semester hours of courses required, regardless of where taken;
- a major and cumulative grade-point average of at least 2.75 in all courses attempted at EIU;
- at least 45 semester hours of the requirements for the social science major must be in courses taken at EIU.

Students must complete all the professional coursework under either the Regular Secondary Education Program or the Alternative Secondary Education Program.

* GEG electives must be chosen from: GEG 3600, 3750, 3800

History

See the History with Teacher Certification Option.

Political Science Designation

The Social Science Teaching major with a Political Science designation comprises:

72 Hours in Major Courses

ANT 2200G - Introduction to Anthropology. Credits: 3
 ECN 2801G - Principles of Macroeconomics. Credits: 3
 ECN 2802G - Principles of Microeconomics. Credits: 3
 GEG 1100G - Cultural Geography. Credits: 3
 GEG 1200G - World Regional Geography. Credits: 3
 GEG 3200 - Human Impacts on the Environment. Credits: 3
 HIS 1500G - Roots of the Modern World: Society and Religion. Credits: 3
 HIS 2010G - History of the United States to 1877. Credits: 3
 HIS 2020G - History of the United States Since 1877. Credits: 3
 HIS 3555 - Modern World History. Credits: 3
 PLS 1003 - Introduction to Comparative Politics. Credits: 3
 PLS 1153G - American Government and Constitution. Credits: 3
 PLS 2033 - Research Methods in Political Science. Credits: 3
 PLS 2253G - Introduction to International Relations. Credits: 3
 PLS 2603 - State and Local Government. Credits: 3
 PLS 3203 - American Foreign Policy. Credits: 3
 PLS 3543 - Civil Liberties in America. Credits: 3
 PLS 3753 - The American Presidency. Credits: 3
 PSY 1879G - Introductory Psychology. Credits: 3
 PSY 3521 - Psychology of Adolescence and Young Adulthood. Credits: 3
 PSY 3780 - Abnormal Psychology. Credits: 3
 SOC 2710G - Introductory Sociology. Credits: 3
 SOC 2721 - Social Stratification. Credits: 3
 SOS 3400 - Methods and Materials in the Social Studies in the Secondary School. Credits: 3

28 Hours in Additional General Education Courses

27-31 Hours in the Professional Education Core

For the regular program:

EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
 EDF 4450 - Philosophy and History of Education. Credits: 3
 EDP 3331 - Theories of Learning and Development for Secondary Teachers. Credits: 3
 SED 2000 - Inquiry Into Teaching. Credits: 1
 SED 3330 - Instructional Tasks in the Secondary School. Credits: 3
 SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3
 STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
 STG 4001 - Student Teaching. Credits: 12-16
 (register for 14 semester hours)

or the Following for the ISEP:

EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
 SED 2000 - Inquiry Into Teaching. Credits: 1
 SED 3000 - ISEP Level I. Credits: 3
 SED 3100 - ISEP Level II. Credits: 3
 SED 4000 - ISEP Level III. Credits: 3

STG 4001 - Student Teaching. Credits: 12-16
(register for 12 semester hours)

Footnotes:

(Major GPA based on all anthropology, economics, geography, history, political science, psychology, sociology and social science courses taken at EIU.)

Satisfactory completion of this designation requires:

- a grade of C or higher in each course that applies to the 72-80 semester hours of courses required, regardless of where taken;
- a major and cumulative grade-point average of at least 2.75 in all courses attempted at EIU;
- at least 45 semester hours of the requirements for the social science major must be in courses taken at EIU.

Students must complete all the professional coursework under either the Regular Secondary Education Program or the Alternative Secondary Education Program.

Psychology Designation

The Social Science Teaching major with a Psychology designation comprises:

72 Hours in Major Courses

ANT 2200G - Introduction to Anthropology. Credits: 3
ECN 2801G - Principles of Macroeconomics. Credits: 3
ECN 2802G - Principles of Microeconomics. Credits: 3
GEG 1100G - Cultural Geography. Credits: 3
GEG 1200G - World Regional Geography. Credits: 3
GEG 3200 - Human Impacts on the Environment. Credits: 3
HIS 1500G - Roots of the Modern World: Society and Religion. Credits: 3
HIS 2010G - History of the United States to 1877. Credits: 3
HIS 2020G - History of the United States Since 1877. Credits: 3
HIS 3555 - Modern World History. Credits: 3
PLS 1003 - Introduction to Comparative Politics. Credits: 3
PLS 1153G - American Government and Constitution. Credits: 3
PLS 2253G - Introduction to International Relations. Credits: 3
PLS 2603 - State and Local Government. Credits: 3
PSY 1879G - Introductory Psychology. Credits: 3
PSY 3310 - Biological Psychology. Credits: 3
PSY 3521 - Psychology of Adolescence and Young Adulthood. Credits: 3
PSY 3590 - Theories of Personality. Credits: 3
PSY 3620 - Psychology of Learning. Credits: 3
PSY 3780 - Abnormal Psychology. Credits: 3
PSY 3870 - Social Psychology. Credits: 3
SOC 2710G - Introductory Sociology. Credits: 3
SOC 2721 - Social Stratification. Credits: 3
SOS 3400 - Methods and Materials in the Social Studies in the Secondary School. Credits: 3

28 Hours in Additional General Education Courses

27-31 Hours in the Professional Education Core

For the Regular Program:

EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
EDF 4450 - Philosophy and History of Education. Credits: 3
EDP 3331 - Theories of Learning and Development for Secondary Teachers. Credits: 3
SED 2000 - Inquiry Into Teaching. Credits: 1
SED 3330 - Instructional Tasks in the Secondary School. Credits: 3
SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3
STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
STG 4001 - Student Teaching. Credits: 12-16
(register for 14 semester hours)

or the Following for the ISEP:

EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
SED 2000 - Inquiry Into Teaching. Credits: 1
SED 3000 - ISEP Level I. Credits: 3
SED 3100 - ISEP Level II. Credits: 3
SED 4000 - ISEP Level III. Credits: 3
STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
STG 4001 - Student Teaching. Credits: 12-16
(register for 12 semester hours)

Footnotes:

(Major GPA based on all anthropology, economics, geography, history, political science, psychology, sociology and social science courses taken at EIU.)

Satisfactory completion of this designation requires:

- a grade of C or higher in each course that applies to the 72-80 semester hours of courses required, regardless of where taken;
- a major and cumulative grade-point average of at least 2.75 in all courses attempted at EIU;
- at least 45 semester hours of the requirements for the social science major must be in courses taken at EIU.

Students must complete all the professional coursework under either the Regular Secondary Education Program or the Alternative Secondary Education Program.

Sociology-Anthropology Designation

Students are advised that opportunities for teaching sociology/anthropology at the secondary level are limited.

The Social Science Teaching major with a Sociology/Anthropology designation comprises:

75 Hours in Major Courses

ANT 2200G - Introduction to Anthropology. Credits: 3
ANT 3712 - Archaeology of the Earliest Civilizations. Credits: 3
ECN 2801G - Principles of Macroeconomics. Credits: 3
ECN 2802G - Principles of Microeconomics. Credits: 3
GEG 1100G - Cultural Geography. Credits: 3
GEG 1200G - World Regional Geography. Credits: 3
GEG 3200 - Human Impacts on the Environment. Credits: 3
HIS 1500G - Roots of the Modern World: Society and Religion. Credits: 3
HIS 2010G - History of the United States to 1877. Credits: 3
HIS 2020G - History of the United States Since 1877. Credits: 3
HIS 3555 - Modern World History. Credits: 3
PLS 1003 - Introduction to Comparative Politics. Credits: 3
PLS 1153G - American Government and Constitution. Credits: 3
PLS 2253G - Introduction to International Relations. Credits: 3
PLS 2603 - State and Local Government. Credits: 3
PSY 1879G - Introductory Psychology. Credits: 3
PSY 3521 - Psychology of Adolescence and Young Adulthood. Credits: 3
PSY 3780 - Abnormal Psychology. Credits: 3
SOC 2710G - Introductory Sociology. Credits: 3
SOC 2721 - Social Stratification. Credits: 3
SOC 2780 - The Sociology of Deviant Behavior. Credits: 3
SOC 2840 - Racial and Cultural Minorities. Credits: 3
SOC 2850 - Classical Social Theory. Credits: 3
SOC 3620 - Research Methods for Collecting Social Data. Credits: 3
SOS 3400 - Methods and Materials in the Social Studies in the Secondary School. Credits: 3

28 Hours in Additional General Education Courses

27-31 Hours in the Professional Education Core

For the regular program:

EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
EDF 4450 - Philosophy and History of Education. Credits: 3
EDP 3331 - Theories of Learning and Development for Secondary Teachers. Credits: 3
SED 2000 - Inquiry Into Teaching. Credits: 1
SED 3330 - Instructional Tasks in the Secondary School. Credits: 3
SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3
STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
STG 4001 - Student Teaching. Credits: 12-16
(register for 14 semester hours)

or the Following for the ISEP:

EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
SED 2000 - Inquiry Into Teaching. Credits: 1
SED 3000 - ISEP Level I. Credits: 3
SED 3100 - ISEP Level II. Credits: 3
SED 4000 - ISEP Level III. Credits: 3
STG 4001 - Student Teaching. Credits: 12-16
(register for 12 semester hours)

Footnotes:

(Major GPA based on all anthropology, economics, geography, history, political science, psychology, sociology and social science courses taken at EIU.)

Satisfactory completion of this designation requires:

- a grade of C or higher in each course that applies to the 72-80 semester hours of courses required, regardless of where taken;
- a major and cumulative grade-point average of at least 2.75 in all courses attempted at EIU;
- at least 45 semester hours of the requirements for the social science major must be in courses taken at EIU.

Students must complete all the professional coursework under either the Regular Secondary Education Program or the Alternative Secondary Education Program.

SOCIOLOGY/ANTHROPOLOGY**B.A. in Sociology****Major**

Total Semester Hours: 46

Core Requirements:

- ANT 2200G - Introduction to Anthropology. Credits: 3
- SOC 2710G - Introductory Sociology. Credits: 3
- SOC 2721 - Social Stratification. Credits: 3
- SOC 2850 - Classical Social Theory. Credits: 3
- SOC 3250 - Contemporary Social Theory Credits: 3
- SOC 3610 - Statistical Analysis of Social Data Credits: 4
- SOC 3620 - Research Methods for Collecting Social Data. Credits: 3
- SOC 4900 - Current Issues in Sociology. Credits: 3

And 21 s.h. of SOC Electives

(exclusive of 4275) chosen in consultation with the student's advisor.

To be certified for graduation with a major in sociology, a student must achieve a CGPA of at least 2.0 in the core courses in the major used to satisfy graduation requirements.¹

Footnotes:

(Major GPA based on Anthropology 2200G if taken at EIU and all sociology courses taken at EIU.)

¹ If the student believes there are extenuating circumstances relevant to the failure to meet this requirement, filing an appeal to the Departmental Grade Appeals Committee is possible

If foreign language is exempt, 45 hours of free electives are available and provide the opportunity for the student to complete one or more minors or even selective majors, all within the four years.

Sociology-Anthropology Teacher Certification

See the Social Science Teaching program (Sociology-Anthropology Designation).

Sociology Honors Program

Departmental honors require that students entering the program have an EIU minimum cumulative GPA of 3.50 on a 4.0 scale, and permission of the Dean of the Honors College and the departmental honors coordinator. Both native and transfer students may participate in the program. All students must complete 12-13 hours of honors, including 3 hours for honors thesis. Any tenured/tenure-track faculty member may direct honors independent study, honors research, and honors thesis, the determinant being faculty expertise and student research interest. All honors research activities are potentially subject to review by the Institutional Review Board depending on the nature and focus of the research.

Total Semester Hours: 12-13

3-4 hours from:

- SOC 3290 - Contemporary Social Theory, Honors. Credits: 3
- SOC 3691 - Social Statistics, Honors. Credits: 4
- SOC 3692 - Research Methods for Collecting Social Data, Honors Credits: 3

9 hours from:

- SOC 4444 - Honors Independent Study. Credits: 1 to 3
- SOC 4555 - Honors Research Credits: 3
- SOC 4644 - Sociology Honors Thesis. Credits: 3

Sociology Minor

Total Semester Hours: 21

3 semester hours in:

- SOC 2710G - Introductory Sociology. Credits: 3

Plus one of:

- SOC 2721 - Social Stratification. Credits: 3
- SOC 2850 - Classical Social Theory. Credits: 3

AND

15 semester hours of electives in Sociology (exclusive of 4275 and 3970) selected in consultation with a Sociology advisor of the student's choosing.

Anthropology Minor

Total Semester Hours: 21

- ANT 2200G - Introduction to Anthropology. Credits: 3

OR

- ANT 2290G - Introduction to Anthropology, Honors. Credits: 3

And Electives from Anthropology:**Twelve semester hours from:**

- ANT 2742 - Human Evolution. Credits: 3
- ANT 3602 - Peoples and Cultures of South America. Credits: 3
- ANT 3606 - Magic and Religion in Preiterate Societies. Credits: 3
- ANT 3611 - Peoples and Cultures of Africa. Credits: 3
- ANT 3691 - Native American Cultures. Credits: 3
- ANT 3712 - Archaeology of the Earliest Civilizations. Credits: 3
- ANT 3900 - Hunters and Gatherers. Credits: 3
- ANT 3960 - Special Topics in Anthropology. Credits: 1 to 4
- ANT 3970 - Study Abroad. Credits: 1 to 15
- ANT 4400 - Independent Study. Credits: 1 to 3

And**Six semester hours from:**

- AFR 3100 - African Aesthetics and Cosmology. Credits: 3
- ART 3340G - Multicultural Aesthetics. Credits: 3
- ART 3610G - African Art. Credits: 3
- BIO 2003G - Heredity and Society. Credits: 3
- BIO 2200 - Human Anatomy. Credits: 4
- BIO 2320 - Economic Botany – Role of Plants in the World Economy. Credits: 3
- BIO 3200 - Genetics. Credits: 4
- BIO 4832 - Animal Behavior. Credits: 4
- BIO 4984 - Organic Evolution. Credits: 3
- ECN 4511 - Comparative Economic Systems. Credits: 3
- ENG 2850 - Postcolonial Literatures in English. Credits: 3
- ENG 3009G - Myth and Culture. Credits: 3
- OR**
- ENG 3099G - Myth and Culture, Honors. Credits: 3
- ENG 3100G - Cultural Foundations I. Credits: 3
(cross listed with PHI 3100G)
- ENG 3110G - Cultural Foundations II. Credits: 3
(cross listed with PHI 3110G)
- ENG 3901 - Language and Linguistics. Credits: 3
- ENG 4850 - Studies in Third World Literatures. Credits: 3
- ESC 1300G - Introduction to Earth Sciences. Credits: 4
(cross listed with GEL 1300G)
- OR**
- ESC 1390G - Introduction to Earth Sciences, Honors. Credits: 4
(cross listed with GEL 1390G)
- ESC 3200 - Human Impacts on the Environment. Credits: 3
(cross listed with GEG 3200)
- ESC 3530 - Medieval Archaeology and Cultural Heritage in Europe. Credits: 4
(cross listed with HIS 3530)
- ESC 3990 - Medieval Archaeology, Honors. Credits: 1 to 4
(cross listed with HIS 3990)
- GEG 1100G - Cultural Geography. Credits: 3
- OR**
- GEG 1190G - Cultural Geography, Honors. Credits: 3
- GEG 3050 - Geography and Culture of Africa. Credits: 3
- GEG 3055 - Geography and Culture of Asia. Credits: 3
- GEG 3065 - Geography and Culture of Latin America. Credits: 3
- GEG 3200 - Human Impacts on the Environment. Credits: 3
(cross listed with ESC 3200)

GEG 3420 - Principles of Geomorphology. Credits: 3
(cross listed with GEL 3420)

GEG 3650 - Advanced Cultural Geography. Credits: 3

GEG 4890 - Geographic Information Systems. Credits: 3

GEL 1300G - Introduction to Earth Sciences. Credits: 4
(cross listed with ESC 1300G) or

GEL 1390G - Introduction to Earth Sciences, Honors. Credits: 4
(cross listed with ESC 1390G)

GEL 1430 - Historical Geology. Credits: 4

GEL 3420 - Principles of Geomorphology. Credits: 3
(cross listed with GEG 3420)

GEL 3560 - Principles of Stratigraphy. Credits: 3

HIS 3200 - Islam. Credits: 3

HIS 3210 - History of the Modern Middle East. Credits: 3

HIS 3250 - African History. Credits: 3

HIS 3255 - Colonial Latin America. Credits: 3

HIS 3260 - Modern Latin America. Credits: 3

HIS 3320 - History of Modern China. Credits: 3

HIS 3510 - Ancient History. Credits: 3

HIS 3530 - Medieval Archaeology and Cultural Heritage in Europe.
Credits: 4
(cross listed with ESC 3530)

HIS 3780 - History of the American West. Credits: 3

HIS 3990 - Medieval Archaeology, Honors. Credits: 1 to 4
(cross listed with ESC 3990)

PHI 3100G - Cultural Foundations I. Credits: 3
(cross listed with ENG 3100G)

PHI 3110G - Cultural Foundations II. Credits: 3
(cross listed with ENG 3110G)

PHI 3310 - Indian Philosophy. Credits: 3

PHI 3320 - Chinese Philosophy. Credits: 3

PHI 3700G - Language and Human Nature. Credits: 3

PLS 3333 - Politics of Latin America and the Caribbean. Credits: 3

PLS 3343 - Government and Politics of the Middle East. Credits: 3

PLS 3353 - Politics of Sub-Saharan Africa. Credits: 3

PLS 3363 - Government and Politics in Asia-Pacific Rim. Credits: 3

SOC 3610 - Statistical Analysis of Social Data Credits: 4

Footnote:

Check course descriptions for prerequisites.

INTERDISCIPLINARY MINORS**ADVERTISING MINOR**

This minor provides students with a program of study designed to enhance their understanding regarding the promotion of products and services to various markets. Critical examination of campaigns and strategies, and their application of knowledge, are key components.

Total Semester Hours: 27

Required Coursework - Total Semester Hours: 15

BUS 3470 - Principles of Marketing. Credits: 3

CMN 3100 - Persuasion. Credits: 3

CMN 3940 - Advertising: Theory and Practice. Credits: 3

INT 1363 - Graphic Communication Technologies. Credits: 3

INT 3343 - Digital Media Technologies. Credits: 3

Electives - Total Semester Hours: 12

(Students with a major in MAR, CMN, or INT may not take more than 6 elective hours from their major area):

BUS 2750 - Legal and Social Environment of Business. Credits: 3*

CMN 2020 - Communication Research. Credits: 3
or MAR 3860

CMN 2550 - Broadcast Announcing. Credits: 3

CMN 3520 - Radio Production. Credits: 3

CMN 3540 - Video Production. Credits: 3

CMN 3650 - Communication in Organizations. Credits: 3

CMN 3750 - Computer Mediated Communication I. Credits: 3

CMN 3752 - Computer Mediated Communication II. Credits: 3

CMN 3920 - Public Relations in Society Credits: 3
or JOU 3920

CMN 4420 - Mass Media Advertising-Sales. Credits: 3

CMN 4500 - Topics in Electronic Media Production. Credits: 3

INT 2123 - Digital Photography and Imaging. Credits: 3

INT 4353 - Print and Digital Media Production. Credits: 3

INT 4813 - Advanced Digital Media Technologies. Credits: 3

JOU 3501 - Principles of Advertising. Credits: 3

JOU 3820 - Publicity Methods. Credits: 3

JOU 3920 - Public Relations in Society. Credits: 3
or CMN 3920

MAR 3720 - Consumer Behavior. Credits: 3*

MAR 3780 - Promotion Management. Credits: 3*

MAR 3860 - Marketing Research. Credits: 3*
or CMN 2020

MIS 3530 - Business Web Site Design. Credits: 3*

Footnotes:

* Students majoring in business (Accounting, Finance, Management, Management Information Systems, or Marketing) may not count BUS 2750 as an elective in the advertising minor. Management information systems majors may not use MIS 3530 to satisfy both the computer management information systems major and the advertising minor; management majors may not use MAR 3720 to satisfy both the management major and the advertising minor; Marketing majors may not use MAR 3720, MAR 3780, MAR 3860, JOU 3820, or CMN/JOU 3920 to satisfy both the marketing major and the advertising minor.

ASIAN STUDIES MINOR

The interdisciplinary Asian Studies minor is composed of a core list of courses with Asia-specific content. Double counting coursework is permitted by the minor in Asian Studies. Coursework constituting the Asian Studies minor may include Honors Programs course equivalents; existing prerequisites for courses must be satisfied. Transfer credit will only be accepted towards the minor for up to six credit hours in Asian language study.

Requirements:

A minimum of 18 hours from the following list, with no more than three courses in any one single department. No more than three semester credit hours may be earned in independent study, research, internship, or study abroad towards the minor.

Courses:

ART 3611G - Art in India and Southeast Asia. Credits: 3

ART 3612G - Art in China and Japan. Credits: 3

ART 4400 - Independent Study. Credits: 1 to 3*

ECN 4875 - Area Studies. Credits: 3*

ENG 3009G - Myth and Culture. Credits: 3*

ENG 3110G - Cultural Foundations II. Credits: 3
(cross listed with PHI 3110G)

ENG 4850 - Studies in Third World Literatures. Credits: 3*

GEG 3055 - Geography and Culture of Asia. Credits: 3

HIS 3320 - History of Modern China. Credits: 3

HIS 4400 - Independent Study in History. Credits: 1 to 4*

HIS 4775 - Selected Topics in History. Credits: 2 to 3*

HIS 4860 - Modern South Asia. Credits: 3

HIS 5400 - Seminar in European History. Credits: 1 to 3.*

PHI 2010 - Eastern Philosophies. Credits: 3

PHI 3110G - Cultural Foundations II. Credits: 3
(cross listed with ENG 3110G)

PHI 3310 - Indian Philosophy. Credits: 3

PHI 3320 - Chinese Philosophy. Credits: 3

PHI 3680 - Buddhism. Credits: 3

PHI 4400 - Independent Study. Credits: 1 to 6*

PLS 3363 - Government and Politics in Asia-Pacific Rim. Credits: 3

PLS 3863 - Special Topics in Political Science. Credits: 3*

PLS 4503 - Independent Study. Credits: 1 to 6*

STA 3960 - Study Abroad: EIU Exchange. Credits: 1 to 16*

STA 3961 - Study Abroad: EIU One-Way. Credits: 1 to 16*

STA 3970 - Study Abroad: Faculty-Led. Credits: 1 to 16*

WST 4800 - Non-western Feminisms: Gender, Culture, and Nation.
Credits: 3*

Footnotes:

* Courses MUST be pre-approved by the Asian Studies minor Coordinator to ensure the appropriate level of Asian content.

BROADCAST METEOROLOGY MINOR

Local, regional, and national weather conditions are the most significant environmental factors affecting our activities. Current short and long-range weather information is an integral part of modern electronic media. This interdisciplinary minor prepares students to effectively communicate complex weather information to multiple audiences utilizing the electronic media.

Total Semester Hours: 25

13 Semester Hours of Required Coursework

CMN 2525 - Electronic Production I. Credits: 3
 CMN 2575 - Electronic Production II. Credits: 3
 ESC 1400G - Weather and Climate. Credits: 4
 ESC 3410 - Climatology. Credits: 3

CMN Electives**Select 6 semester hours from the following:**

CMN 2550 - Broadcast Announcing. Credits: 3
 CMN 3540 - Video Production. Credits: 3
 CMN 4275 - Internship. Credits: 1 to 12¹
 CMN 4540 - Advanced Video Production. Credits: 3

ESC Electives**Select 6 semester hours from the following:**

ESC 2450G - Oceanography. Credits: 3
 ESC 3010G - Environmental Physical Sciences. Credits: 3
 ESC 3550 - Surface Water Processes and Resources. Credits: 3
 ESC 3960 - Special Topics. Credits: 1 to 4²
 ESC 4400 - Independent Study. Credits: 1 to 3²

Footnotes:

¹ No more than 3 semester hours of CMN 4275 may apply to the minor
² No more than 3 semester hours in a combination of ESC 3960 and ESC 4400 may apply to the minor.

CRIMINOLOGY MINOR

The interdisciplinary Criminology minor allows students to select one of two options, Criminal Justice or Criminal Administration, to better suit their anticipated career interests and to better complement their majors. Double counting coursework in concert with students' majors and other minors is permitted by the minor in criminology. Coursework constituting the criminology minor may include Honors Programs course equivalents; existing prerequisites for courses must be satisfied.

Total Semester Hours: 21

Core Requirements:

PHI 3070 - Philosophy of Law. Credits: 3
 PLS 3543 - Civil Liberties in America. Credits: 3
 SOC 2761 - Introduction to Criminology. Credits: 3*

AND

Criminal Justice Option

Any 4 of the following courses:

PLS 3523 - Criminal Law. Credits: 3
 PSY 3780 - Abnormal Psychology. Credits: 3*
 SOC 2750G - Social Problems in Contemporary Society. Credits: 3
 SOC 2780 - The Sociology of Deviant Behavior. Credits: 3
 SOC 3770 - Sociological Analysis of Crime and Criminal Justice System. Credits: 3
 SOC 3780 - Policing Society: A Sociological Analysis. Credits: 3*
 SOC 4750 - Sociological Analysis of Juvenile Delinquency. Credits: 3*
 SOC 4790 - The Correctional Process: A Sociological Analysis. Credits: 3*

OR

Criminal Administration Option

Any 4 of the following courses:

BUS 2750 - Legal and Social Environment of Business. Credits: 3*
 ECN 4850 - Economic Analysis of Law. Credits: 3*
 PLS 3413 - Introduction to Public Administration. Credits: 3*
 PLS 3513 - Politics and the Legal Process. Credits: 3
 PLS 3903 - Gender, Public Policy and the Law. Credits: 3
 PLS 4793 - Public Organization Theory. Credits: 3*

PLS 4853 - Contemporary Constitutional Development. Credits: 3*
 PLS 4873 - Human Resource Management in Government. Credits: 3*
 PLS 4893 - Government Budgeting and Politics. Credits: 3*
 PSY 3780 - Abnormal Psychology. Credits: 3*
 SOC 3770 - Sociological Analysis of Crime and Criminal Justice System. Credits: 3*

Footnote:

*prerequisite required; see course description.

FILM STUDIES MINOR

The interdisciplinary Film Studies minor is devoted to the study of cinema history, theory, criticism and production. The minor is comprised of two required film-centered courses (Communication Studies 3530, "Film Communication," and English 3504, "Film and Literature") and a core list of courses with film-specific content. Coursework in the film studies minor can be double counted in a student's major for up to six hours. Coursework may also include Honors Program course equivalents. Existing prerequisites for all courses must be satisfied. Students may take no more than six hours in their major area(s) and no more than six hours of elective courses in their major area(s).

Requirements:

The Film Studies minor includes two required courses, as listed below, and four courses from the list of elective courses, for a total of at least 19 hours:

1. Required Courses:

CMN 3530 - Film Communication Credits: 4
 ENG 3504 - Film and Literature. Credits: 3

2. At least four of the following Elective Courses:

AFR 3300 - African Cinema. Credits: 3
 CMN 3540 - Video Production. Credits: 3
 CMN 4030 - Seminar. Credits: 3*
 CMN 4540 - Advanced Video Production. Credits: 3
 EIU 4104G - World Film: Language and Culture in Film. Credits: 3
 EIU 4128G - Politics and Popular Culture Credits: 3
 EIU 4170G - History on Film. Credits: 3
 EIU 4192G - Film and Contemporary Society, Honors Credits: 4
 ENG 3604 - Special Topics in Literature. Credits: 3*
 THA 3754G - American Theatre on Film. Credits: 3

Footnote:

*With the permission of the Film Studies Advisor

HEALTH COMMUNICATION MINOR

The Health Communication Minor provides those planning a career in health professions or public relations in a health setting with a unique program in the State of Illinois. The minor combines an understanding of the health care industry, public policy, and strategic communication into a superior program of study.

Total Hours: 38

26 semester hours including the following courses as well as 12 semester hours of electives selected in consultation with a Health Communication Advisor; to total 38 semester hours.

CMN 2010 - Introduction to Communication Theories. Credits: 3
 CMN 2630 - Introduction to Interpersonal Communication. Credits: 3
 CMN 3100 - Persuasion. Credits: 3
 CMN 4275 - Internship. Credits: 1 to 12
OR HST 4275
 (1 hr)
 HST 2000 - Principles of Human Health. Credits: 3
 HST 2250 - Professions in School and Community Health. Credits: 1
 HST 2270 - Community Health. Credits: 3
 HST 3750 - Health Care Delivery Systems. Credits: 3

AND

CMN 3910 - Communication in Health Professions. Credits: 3
 (Cross listed with HST 3910)

OR

HST 3910 - Communication in Health Professions. Credits: 3
 (Cross listed with CMN 3910)

AND

CMN 4910 - Applied Health Communication. Credits: 3
(Cross listed with HST 4910)

OR

HST 4910 - Applied Health Communication. Credits: 3
(Cross listed with CMN 4910)

LATIN AMERICAN STUDIES MINOR

Students who seek knowledge of Latin American affairs, culture, and language are invited to consult with the chairperson of the Latin American Studies Committee for assistance in selecting courses suited to their individual needs.

Total Hours: 20

FLS 2201G - Intermediate Spanish I. Credits: 4
FLS 2202G - Intermediate Spanish II. Credits: 4

Four Courses From the Following:

With no more than two courses from any one single department:

ANT 3602 - Peoples and Cultures of South America. Credits: 3
ECN 4861 - International Economic Problems. Credits: 3*
ECN 4875 - Area Studies. Credits: 3*
ENG 4850 - Studies in Third World Literatures. Credits: 3*
FLS 2500 - Hispanic American Culture Through Study-Travel. Credits: 2*
FLS 3201 - Business Spanish. Credits: 3
FLS 3520 - Introduction to Modern Spanish American Literature. Credits: 3
FLS 3970 - Study Abroad. Credits: 1 to 15*
FLS 4275 - Internship. Credits: 1 to 4
FLS 4320 - Civilization and Culture of Spanish America. Credits: 3
FLS 4400 - Independent Study. Credits: 1 to 3
FLS 4520 - Survey of Early Spanish American Literature. Credits: 3
GEG 3065 - Geography and Culture of Latin America. Credits: 3
GEG 3970 - Study Abroad. Credits: 1 to 15
HIS 3255 - Colonial Latin America. Credits: 3
HIS 3260 - Modern Latin America. Credits: 3
HIS 4850 - Mexico, Central America and the Caribbean. Credits: 3
LAS 4400 - Latin American Studies. Credits: 3
PLS 3333 - Politics of Latin America and the Caribbean. Credits: 3
PLS 4933 - Ideologies of the Third World Nations. Credits: 3*

Footnotes:

* Courses must be approved by the Committee for Latin American Studies for that semester.

MEDIEVAL STUDIES MINOR

Students who seek knowledge of the history, culture, and society of the Middle Ages are invited to consult with the advisor of the Medieval Studies Program for assistance in selecting courses suited to their individual needs.

A minimum of 18 hours from the following list, chosen from at least three different departments, with no more than three courses in any one single department:

Total Hours: 18

ART 3641 - Early Medieval Art. Credits: 3
ART 3642 - Romanesque and Gothic Art. Credits: 3
ENG 2601 - Backgrounds of Western Literature. Credits: 3
ENG 3601 - Studies in Major Writers. Credits: 3*
ENG 3800 - Medieval British Literature. Credits: 3
ENG 3801 - Chaucer. Credits: 3
ENG 3903 - Women, Literature, and Language. Credits: 3*
ENG 4300 - Senior Seminar. Credits: 3*
ENG 4390 - Senior Seminar, Honors. Credits: 3*
ENG 4901 - History of the English Language. Credits: 3
ENG 5001
(See the Graduate Catalog for the course description)
FLF 3305 - French Literature I. Credits: 3
FLG 3310 - Survey of German Literature I. Credits: 3
FLL 1101 - Elementary Latin I. Credits: 4
FLL 1102 - Elementary Latin II. Credits: 4

FLL 2201G - Intermediate Latin I. Credits: 4
FLL 2202G - Intermediate Latin II. Credits: 4
FLS 4510 - Survey of Early Spanish Literature. Credits: 3
HIS 3175 - History of Christianity. Credits: 3
HIS 3520 - Medieval History. Credits: 3
HIS 3530 - Medieval Archaeology and Cultural Heritage in Europe. Credits: 4
HIS 3990 - Medieval Archaeology, Honors. Credits: 1 to 4
HIS 5400*
(See the Graduate Catalog for the course description)
MUS 3586 - History and Literature of Music III. Credits: 3
MUS 4444 - Honors Independent Study. Credits: 1 to 3*
MUS 4555 - Honors Research. Credits: 1 to 3*
MUS 4600 - Independent Study. Credits: 1 to 3*
MUS 4644 - Honors Thesis. Credits: 1 to 3*
MUS 4666 - Honors Seminar. Credits: 3*
MUS 4870 - Style Period Proseminar. Credits: 3*
PHI 2000 - Ancient Philosophy. Credits: 3
PHI 3220 - Medieval Philosophy. Credits: 3
PHI 3980 - Special Topics in Philosophy. Credits: 3*
PHI 4400 - Independent Study. Credits: 1 to 6*
PHI 4444 - Honors Independent Study. Credits: 3*
PHI 4480 - Seminar. Credits: 3*
PHI 4666 - Honors Seminar. Credits: 3*

Footnotes:

* Courses must be approved by the Committee for Medieval Studies for that semester

PRE-LAW STUDIES MINOR

Total Hours: 21 Semester Hours

Required Courses -- 15 Semester Hours

ENG 4760 - Studies in Professional Writing Credits: 3*
HIS 3600G - The U.S. Constitution and the Nation. Credits: 3
PHI 1900G - Logical and Critical Reasoning. Credits: 3

One of these 3000-level case-oriented courses:

PHI 3070 - Philosophy of Law. Credits: 3
PLS 3523 - Criminal Law. Credits: 3*
PLS 3543 - Civil Liberties in America. Credits: 3*
PLS 3903 - Gender, Public Policy and the Law. Credits: 3

One of these 4000-level case-oriented courses:

HIS 4910 - The Foundation of the American Constitutional and Political System. Credits: 3*
JOU 4771 - Communication Law. Credits: 3*
PLS 4774 - American Constitutional Law. Credits: 3
PLS 4853 - Contemporary Constitutional Development. Credits: 3*

Elective Courses -- 6 Semester Hours

Any two of these courses:

BUS 2101 - Financial Accounting. Credits: 3*
BUS 2750 - Legal and Social Environment of Business. Credits: 3*
CMN 3100 - Persuasion. Credits: 3
ECN 2802G - Principles of Microeconomics. Credits: 3*
ECN 4850 - Economic Analysis of Law. Credits: 3*
ENG 3001 - Advanced Composition. Credits: 3*
HIS 3100 - History of England, 1066-1688. Credits: 3
PHI 3720 - Theory of Knowledge. Credits: 3*
PLS 3513 - Politics and the Legal Process. Credits: 3*
PLS 4903 - Classic Political Theory. Credits: 3*
PLS 4913 - Contemporary Political Theory. Credits: 3*
SOC 2750G - Social Problems in Contemporary Society. Credits: 3

Footnote:

* Courses with prerequisites.

PRINT AND TEXTILE TECHNOLOGIES MINOR

This interdisciplinary minor will prepare students for career opportunities requiring design and technical skills to compete in multi-faceted printing markets and textile industries. Print and textile design minors have access to print and design resources and computer laboratories supporting their career aspirations.

Objectives for the minor:

Upon completion of the Print and Textile Design Technologies minor, the student will be able to:

- design screen & color inkjet printing processes for textiles, paper, plastics, ceramics, & other substrates
- demonstrate color management by analyzing printed products using color measurement instruments
- analyze screen and digital printing processes for consistent color reproduction on a variety of substrates
- design and produce finished products to meet national and international standards
- demonstrate safe and fundamental chemical principles
- evaluate product development processes.

Total Hours: 25

Core Course Requirements

16 credit hours for the Interdisciplinary Minor:

- CHM 1310G - General Chemistry I. Credits: 3
- CHM 1315G - General Chemistry Laboratory I. Credits: 1
- FCS 2244 - Consumer Textiles: Care and Production. Credits: 3
- FCS 3245 - Textiles: Color Design Production Credits: 3
- INT 1363 - Graphic Communication Technologies. Credits: 3
- INT 3343 - Digital Media Technologies. Credits: 3

Electives

Select 9 semester hours from the following:

- FCS 2234 - Clothing and Soft Goods Construction. Credits: 3
- FCS 4440 - Undergraduate Research. Credits: 1 to 3
- FCS 4838 - Pattern Development & Design. Credits: 3
- FCS 4926 - Public Presentation Techniques. Credits: 3
- INT 2123 - Digital Photography and Imaging. Credits: 3
- INT 4000 - Undergraduate Research. Credits: 1 to 6
- INT 4353 - Print and Digital Media Production. Credits: 3
- INT 4813 - Advanced Digital Media Technologies. Credits: 3
- INT 4863 - Packaging Design, Specialty Inks, and Coatings. Credits: 3
- INT 4953 - Color Management Applications: Print, Textiles, Web, and other Substrates. Credits: 3

PUBLIC RELATIONS MINOR

NOTE: Advisement of Public Relations minors must be provided only by the Journalism or Communication Studies Department Public Relations advisors. Electives must be selected in consultation with and the approval of the Communication Studies and Journalism Department Public Relations advisors. Final approval of the Public Relations minor must be received in writing from a Public Relations advisor and the Department Chair of the Journalism or Communication Studies Department prior to graduation certification.

Total Hours: 31

Required Courses - Total Semester Hours: 16

- CMN 3100 - Persuasion. Credits: 3
- CMN 3500 - Electronic Media Relations. Credits: 3
- JOU 2101 - News Writing. Credits: 3
- JOU 2901 - Introduction to Copy Editing. Credits: 3
- JOU 3302 - Editing and Design for Targeted Audiences. Credits: 3

AND

CMN 4275 - Internship. Credits: 1 to 12
(one semester hour required)

OR

JOU 4275 - Journalism Internship. Credits: 1 to 3
(one semester hour required)

Plus - Total Semester Hours: 6

Select either JOU or CMN courses.

- CMN 4919 - Public Relations Techniques. Credits: 3
- CMN 4920 - Case Studies in Public Relations Problems. Credits: 3
- JOU 4919 - Public Relations Techniques. Credits: 3
- JOU 4920 - Case Studies in Public Relations Problems. Credits: 3

OR**Electives - Total Semester Hours: 9**

Chosen from:

- BUS 3010 - Management and Organizational Behavior. Credits: 3
- BUS 3470 - Principles of Marketing. Credits: 3
- CMN 3230 - Advanced Public Speaking. Credits: 3

- CMN 3300 - Interviewing. Credits: 3
- CMN 3470 - Small Group Communication. Credits: 3
- CMN 3520 - Radio Production. Credits: 3
- CMN 3540 - Video Production. Credits: 3
- CMN 3610 - Broadcast News Writing. Credits: 3
- CMN 3620 - Electronic News Gathering. Credits: 3
- INT 2123 - Digital Photography and Imaging. Credits: 3
- INT 3343 - Digital Media Technologies. Credits: 3
- JOU 3000 - Advanced Reporting and Research Credits: 3
- JOU 3001 - Photojournalism. Credits: 3
- JOU 3102 - Feature Writing. Credits: 3
- JOU 4760 - Advanced Publication Design. Credits: 3

IX. SCHOOL OF CONTINUING EDUCATION

The School of Continuing Education supports a university obligation to citizens and businesses in the state and beyond through the creation and delivery of student/consumer responsive programs using diverse educational delivery systems. These programs greatly enhance the cultural, educational and professional development opportunities for individuals seeking continuing education. Recognizing rapidly changing educational needs of society, the unit extends the academic resources of the University in a cost-efficient manner to provide access to on- and off-campus programs.

We offer a nontraditional degree program for adult students, the Bachelor of Arts in General Studies Degree Program. Credit classes are offered at area centers, including Danville Area Community College, the Salem Education Center, Olney Central College, Richland Community College in Decatur, Lake Land College in Mattoon and Kluthe Center in Effingham, and Parkland College in Champaign/Urbana. We provide a large number of contract-credit classes to a wide variety of constituents, both of a credit and non-credit nature, throughout the state of Illinois. We are also greatly expanding our online class offerings. Any requests for information should be forwarded to the Office of Academic and Professional Development.

Admission Requirements

(See Section II., Admission, Readmission, Enrollment, and Advisement.)

Students must meet the same criteria for admission to continuing education courses as is required for admission to on-campus courses.

Enrollment Procedures

Pre-enrollment in continuing education courses using the PAWS system is highly recommended. However, in a few cases, students may enroll up to the second class meeting, if space is available. See the off-campus continuing education web site at www.eiu.edu/~adulted for complete details.

Fees

All tuition and fees are based upon student classification. Student costs are based upon the following:

TUITION		
TEXTBOOK RENTAL (Per Semester Hour)	UNDERGRADUATE \$7.95	GRADUATE \$7.95
CONTINUING EDUCATION (Per Semester Hour)	UNDERGRADUATE \$37.00	GRADUATE \$37.00

(Students should calculate tuition costs, textbook and continuing education fees.)

For information visit the School of Continuing Education website at <http://www.eiu.edu/%7Eadulted/schedule/regular.html#tuition>.

Scholarships – Waivers

Scholarships and fee waivers must be validated by the appropriate office prior to use in off-campus courses. Contact the School of Continuing Education for information regarding waivers.

Tuition Assistance

Military personnel should process their tuition assistance forms through their respective agency in advance of the registration date. No registration can be accepted without completed assistance forms.

Classification of Students

Undergraduate students are classified as follows:

Freshmen	0-29 semester hours
Sophomores	30-59 semester hours
Juniors	60-89 semester hours
Seniors	90 and above semester hours

Graduate students are those students who have completed a bachelor's degree from a regionally accredited institution.

Schedule of Classes

The schedule of continuing education credit classes is available on our web site at www.eiu.edu/~adulted/schedule. The summer schedule is also located in the university on campus class schedule.

Please address inquiries:

School of Continuing Education
Blair Hall
600 West Lincoln
Eastern Illinois University
Charleston, IL 61920
or telephone (217)581-5114/fax (217)581-6697.
Web site: www.eiu.edu/~adulted

Adult Degree Programs

Degree programs of particular interest to the adult nontraditional learner are Career and Organizational Studies and the Bachelor of Arts in General Studies.

Conferences, Institutes, and Workshops

Facilitating workshops, conferences, and special programs for non-credit and credit is part of the mission of the School of Continuing Education at EIU. Each year the school collaborates with individuals, agencies, and organizations to develop and implement a wide variety of special courses and programs. The School of Continuing Education has a professional staff that provides expert program planning services. For more information contact the Office of Academic and Professional Development at 217-581-5115.

Contract-Credit Courses

The School of Continuing Education can develop special credit courses and workshops with educational and governmental agencies on a contractual basis. These special courses can be offered at locations convenient for the students involved. Please contact the Office of Academic and Professional Development for details.

Credit for Continuing Education Courses

Credit will be given upon successful completion of continuing education courses subject to approved university policies. Students may audit courses with permission of the instructor and with payment of the appropriate fees. Credit received in EIU courses taught by EIU faculty, either on- or off-campus, will be counted as credit in residence.

Technology Delivered Classes/Workshops

The School of Continuing Education is offering a growing number of classes via technology delivered modalities. For further information, please contact the Office of Academic and Professional Development at (217) 581-5114 or visit the Website at www.eiu.edu/~adulted/schedule.

GENERAL STUDIES

B.A. in General Studies

(Formerly the Board of Trustees BA)

The School of Continuing Education Bachelor of Arts in General Studies Degree Program is an individualized, nontraditional program designed for working adults age 25 or older. The program combines sound academic principles with advances in technology to facilitate degree completion. After admission to the program knowledge and skills acquired by non-academic means can be evaluated for academic credit.

Core Requirements

- 120 semester hours total
- 40 semester hours at the junior-senior level
- 20 semester hours taken from EIU
- 12 semester hours in Humanities/Fine Arts
- 12 semester hours in Social/Behavioral Sciences
- 12 semester hours in Scientific Awareness/Mathematics
- 6 semester hours in Communication/Language
- 1 course in Cultural Diversity
- 1 Senior Seminar

In Addition Students Must:

- Meet the Constitution Requirement;
- Complete BGS 2985, Adults in Transition;

- Demonstrate writing competency;
- Maintain a minimum 2.00 cumulative grade-point average.

NOTES:

1. It is recommended that no more than ten one-credit-hour workshops may be used toward the degree.
2. A student must be admitted to this program by the Director of the Bachelor of Arts in General Studies Degree Program.
3. After the student is admitted to the program, only grades of "C" and above will be counted toward meeting graduation requirements. Grades of "D" and "F" earned after admission to the program will be included in the cumulative EIU grade point average, consistent with current EIU grade policy.

X. GRADUATE SCHOOL

The Graduate School at Eastern Illinois University, in consultation with the Council on Graduate Studies, establishes and monitors graduate education policies. The Graduate School also oversees the Office of International Programs, the Office of Study Abroad, the Office of Research and Sponsored Programs and the University Tuition Waiver Programs. The Graduate School at Eastern Illinois University is a member of the Council of Graduate Schools, the Midwest Association of Graduate Schools, and the Illinois Association of Graduate Schools. Academic regulations differ for graduate students. Information on graduate programs, graduate admissions, graduate assistantships and other areas of graduate education may be obtained by contacting the Graduate School, Eastern Illinois University, Charleston, IL, 61920, 217/581-2220 or <http://www.eiu.edu/~graduate>.

Graduate Study Options

Degree and Certificate Programs: Admission to the Graduate School is the first stage of admission required for all of the following degree and certificate programs:

- Master's and specialist's degree programs
- Graduate certificate programs
- Second bachelor's degree programs

Non-degree Study: Admission to the Graduate School is required for the following non-degree study options:

- Post-baccalaureate teacher certification
- Alternative teacher certification
- Courses for licensure, professional development, or personal goals

Application Access:

- A web application with fee payment of \$30.00 via credit card is available at: <https://www.applytograd.eiu.edu/>
- A printable application with fee payment of \$30.00 via check is available at: http://www.eiu.edu/~graduate/forms/admissions_application.html

Graduate Admission of International Applicants

International applicants may seek admission to graduate study as graduate degree candidates or as candidates for a second bachelor's degree. The admission process requires that applicants submit a complete packet of admission materials to the Office of International Programs. A complete packet includes an international application, an application fee, an approved financial affidavit form, an official raised seal transcript, any required admission test scores, and documentation of English mastery.

Application Access:

- A web application with fee payment of \$30.00 via credit card is available at: <https://www.applytograd.eiu.edu/>
- A printable application with fee payment of \$30.00 via check is available at: http://www.eiu.edu/~internl/applications_forms/EIU_Intl_Prog_Admission_Application.htm
- An application packet is available through the Office of International Programs. Request by calling or writing The Graduate School, Division of International Programs, Eastern Illinois University, Charleston, IL, 61920, 217/581-2321.

Graduate Degrees and Programs

College of Arts & Humanities

Master of Arts

- Art
 - + Art Education Option
- Communication Studies
 - + Community College Pedagogy Option
- English
 - + Concentrations in Literary Studies; Literary Studies with Creative Writing Emphasis; Composition/Rhetoric and Professional Writing
- History
 - + Historical Administration Option
- Music

College of Education & Professional Studies

Master of Science

- College Student Affairs
- Counseling
 - + Concentrations in Community or School
- Physical Education

Master of Science in Education

- Educational Administration
- Elementary Education
- Special Education

Specialist in Education

- Educational Administration

Lumpkin College of Business & Applied Sciences

Master of Arts

- Gerontology

Master of Business Administration

- MBA
 - + MBA with Accountancy Concentration

Master of Science

- Family & Consumer Sciences
 - + Dietetics Option
- Technology

Graduate Certificate Programs:

- Certificate in Accountancy (non-degree)
- Certificate in Computer Technology (non-degree)
- Certificate in Quality Systems (non-degree)
- Certificate in Work Performance Improvement (non-degree)
- Certificate in Technology Security (non-degree)

College of Sciences

Master of Science

- Biological Sciences
- Chemistry
- Communication Disorders and Sciences
- Natural Sciences
 - + Concentrations in Biological Sciences and Physical Sciences
 - Physical Sciences concentration includes emphases in Chemistry, Geology/Geography, and Physics

Master of Arts

- Clinical Psychology
- Economics
- Mathematics
 - + Elementary/Middle School Mathematics Education Option
 - + Secondary Mathematics Education Option
- Political Science
 - + Concentrations in American Government and Politics, Comparative Politics/International Relations, and Public Administration/Public Policy

Specialist

- School Psychology

Resources to Support Graduate Research/Creative Activity

The Graduate School sponsors a broad range of competitive awards programs to promote and support graduate research/creative activity. Application materials, guidelines, timelines, selection procedures, and award levels are available through Graduate Coordinators in academic programs and at the following web site: <http://www.eiu.edu/~graduate/awards/competitive.php>. All candidates selected for any of the Graduate School research awards are required to present their proposal or completed projects during the Annual Graduate Student Exposition.

- **Graduate School Research/Creative Activity Awards Competition:** This program provides financial support for outstanding graduate research and creative activity projects that include opportunities for graduate students to partner with external businesses, industries, or educational agencies to foster improvements and development of new creative ideas.
- **Williams Travel Awards Competition:** Named in honor of a former Dean of the Graduate School, Dr. Larry Williams, Williams Travel Awards provide travel support for EIU graduate degree-seeking candidates who have papers or creative works accepted for presentation at regional, state, or national conferences.
- **EIU Distinguished Master's Thesis Award and Award of Excellence Competition:** The EIU Distinguished Master's Thesis Award Competition provides recognition of the highest achievement in master's degree research. The selected project becomes the University's nomination for competition in the Midwest Association of Graduate School's Distinguished Thesis Competition. The EIU Master's Thesis Award of Excellence provides recognition of the second highest achievement in master's degree research based on those candidates who are nominated for the EIU Distinguished Master's Thesis Award Competition.
- **Graduate Exposition and Distinguished Graduate Students Awards Ceremony:** Co-hosted by the Graduate Student Advisory Council and the Graduate School, the Graduate Exposition and Distinguished Graduate Students Awards Ceremony provide a forum during the spring term to showcase the research creative activity of graduate students. The Awards Ceremony provides formal recognition of the achievements of graduate students who have distinguished themselves through scholarship, research, or leadership.

Graduate Study Options for Seniors at EIU Reserve Graduate Credit

An EIU senior may apply for permission to take graduate level courses numbered 4750 through 5499 for reserve graduate credit. Senior classification is defined as having completed at least 90 semester hours of undergraduate course work at the time of enrollment. Seniors must have earned a cumulative GPA of 2.75 or higher to qualify for reserve graduate credit. Permission from the instructor of the course(s) and the Graduate Dean is required. Applications for reserve graduate credit are available in The Graduate School or at the following web site: <http://www.eiu.edu/~graduate/forms/gradstudyoptions.pdf> and must be signed and on file in The Graduate School by the deadline to add courses as published in the Class Schedule. Reserve graduate credit is limited to a maximum of 9 semester hours and cannot be used in any way for fulfilling the requirements for the undergraduate degree. Students enrolled in courses numbered 4750 through 4999 for reserve graduate credit are expected to meet the requirements for graduate credit. Undergraduates, regardless of classification or GPA, may not enroll in any graduate courses numbered 5500 or above. This requirement may not be waived or appealed.

Graduate Courses for Undergraduate Credit

An EIU senior may apply for permission to take graduate courses numbered 5000 through 5499 to apply toward an undergraduate degree. Senior classification is defined as having completed at least 90 semester hours of undergraduate course work at the time of enrollment. Seniors must have earned a cumulative GPA of 2.75 or higher to qualify for enrollment in graduate courses. Permission from the instructor of the course(s) and the Graduate Dean is required. Applications granting permission to take graduate courses are available in The Graduate School or on the web site: <http://www.eiu.edu/~graduate/forms/gradstudyoptions.pdf> and must be signed and on file in The Graduate School by the deadline to add courses as published in the Class Schedule. Undergraduates, regardless

of classification or GPA, may not enroll in any graduate course numbered 5500 or above. This requirement may not be waived or appealed.

Honors Students

An EIU honors student who has less than 90 semester hours of completed course work at the time he or she wishes to register may apply to waive the 90-semester hour policy. Waiver forms are available at: <http://www.eiu.edu/~graduate/forms/90semesterhourpolicywaiver.html>.

Waiver of the policy will allow the honors student to enroll for the desired graduate level courses. In order to be eligible for this waiver option, the student must verify his or her status as an honors student. In addition, the student must provide evidence that he or she is currently enrolled in a sufficient number of semester hours to meet the 90-semester hour regulations at the conclusion of the current term. The student must meet the 2.75 GPA criteria as this policy may not be waived or appealed. If the waiver is approved, but the honors student fails to complete a sufficient number of semester hours in the current term to meet the 90 semester hour regulation, the Graduate School will remove the student from the approved courses after the 10th day enrollment roster is provided.

Financial Aid

Graduate Assistantships

Graduate Assistantships are available in departments/schools offering graduate programs. Applications and additional information are available through the Graduate School or through individual program offices.

Loans and Work Study

Perkins Loans and Work Study positions are available to students who qualify on the basis of financial need. Contact the Director of Financial Aid for more information. Information on the Guaranteed Loan Program is available through the lending institution.

Scholarships

Military scholarships and unused portions of Teachers Education Scholarships may be applied to graduate study. A variety of special awards, scholarships, and international student scholarships are also available for graduate study. Several awards are highlighted below. Applicants should consult the *Graduate Catalog* for detailed information on other awards.

- **The Betty Wright Downing Scholarship.** Established by Mr. and Mrs. Harry T. Wright in memory of Betty Wright Downing, this scholarship is presented annually to a graduate student at Eastern Illinois University who is preparing for a career in medicine or a health related field. Apply to the Dean of the Graduate School.
- **Frances Meyer Hampton Graduate Scholarship.** Established by Mrs. Frances Meyer Hampton in her estate, this award is presented annually to a full-time student in a master's degree program who has demonstrated good character, high scholarship ability, financial need, and a potential for worthy future achievement. Apply to the Dean of the Graduate School.
- **International Graduate Student Scholarships.** International graduate student scholarships are based primarily on academic achievement and potential and are intended to promote cultural exchange and diversity. Completion of an application does not guarantee a scholarship. Apply to the Office of International Programs.

XI. COURSE DESCRIPTIONS

Course Information

Generally, courses numbered 1000-1999 are freshman courses; 2000-2999, sophomore courses; 3000-3999, junior courses; 4000-4999, senior courses; and 5000-6999, graduate courses. However, if prerequisites are met, students may enroll according to the following schedule:

Class	Courses Numbered			
Freshman	1000	2000	a	a
Sophomore	1000	2000	3000	a
Junior	1000	2000	3000	4000
Senior	1000	2000	3000	4000/5000-5499b
Graduate		4750-4999c	5000-6999	

- a – Courses numbered 3000-4999 in chemistry, foreign languages, mathematics, and military science may be taken by students who have prerequisites and permission of the department chairperson.
- b – Courses numbered 5000-5499 may be taken by students who have a 2.75 GPA and permission of instructor and Dean of the Graduate School.
- c – Courses numbered 4750-4999 are open to juniors, seniors, and graduate students.

Numbers in parentheses following the course title indicate the number of class hours per week, laboratory or studio hours per week, and credit hours. For example (3-0-3) indicates three hours of classroom work each week, no laboratory hours, and three semester hours credit. Students enrolled in courses whose meeting times are noted as "arranged" (Arr.) should contact the instructor by the beginning of the semester. Unless indicated as below, courses are offered every term. Offering times indicated are: Su – Summer Term; F – Fall Semester; S – Spring Semester. Writing-Intensive courses are designated "WI." Certain course descriptions include abbreviations pertinent to the Illinois Articulation Initiative. Those abbreviations are explained below.

Prerequisites for courses are printed immediately following the course description. Prerequisites are predicated upon the assumption that students require certain knowledge and/or skills gained in one or more previous courses. Of particular concern in this regard are courses numbered 3000 or above, especially those required in majors and minors. Such courses often connect to a series of prerequisites, and, in many cases, only the highest ranking prerequisite in the series is listed with the course description. **Students must be aware that the listed prerequisite may itself have one or more prerequisites.** It is the student's responsibility to consult the catalog course descriptions to be sure that all prerequisites in a series have been met.

A student may not enroll in a course serving as a prerequisite for another course he or she has already completed. **(This rule does not apply to students who do not earn grades of C or better in ENG 1001G, ENG 1002G, and/or CMN 1310G or in accepted substitutions.)** A student may not enroll in a lower level course which substantially duplicates a higher level course already completed. Should a student violate this prescription, he/she may not receive credit for the course toward graduation.

The Illinois Articulation Initiative

Eastern Illinois University is a participant in the Illinois Articulation Initiative (IAI), a statewide agreement that allows transfer of the completed Illinois General Education Core Curriculum between participating institutions. Completion of the transferable General Education Core Curriculum at any participating college or university in Illinois assures transferring students that lower-division general education requirements for an associate or bachelor's degree have been satisfied. This agreement is in effect for students entering an associate or baccalaureate degree-granting institution as first-time freshmen in summer 1998 (and thereafter). In course descriptions, the following codes identify qualifying general education courses:

C (Communication)
 F (Fine Arts)
 M (Mathematics)
 P (Physical Sciences)
 H (Humanities)
 L (Life Sciences)
 S (Social/Behavioral Sciences)

The following codes identify qualifying baccalaureate majors:

Agriculture (AG)
 Art and Art Education (ART)
 Biological Sciences (BIO), Business (BUS)
 Chemistry (CHM)
 Clinical Lab Sciences (CLS)
 Communication Studies (SPC)
 Computer Sciences (CS)
 Criminal Justice (CRJ)

Early Childhood Education (ECE)
 Elementary Education (EED)
 Engineering (EGR)
 English (ENG)
 History (HIS)
 Manufacturing Technology (MTM)
 Mass Communication (MC)
 Mathematics (MTH)
 Music (MUS)
 Political Science (PLS)
 Psychology (PSY)
 Secondary Education (SED)
 Social Work (SW)
 Sociology (S)
 Special Education (SPE)
 Theatre Arts (TA)

For more information, visit the IAI website: www.itransfer.org/IAI/.

ACCOUNTING

Undergraduate Courses

3200 ACC Financial Accounting Theory I. (3-0-3) F, S. A study of the theories that underlie the practice of accounting and financial reporting. Includes an historical perspective on the evolution of these theories, the process of establishing accounting principles, and the development of a framework for evaluation of present and potential new practices. Prerequisite: Admission to the School of Business or permission of the Associate Chair. (Students are strongly advised to take ACC 3200 and ACC 3300 concurrently.)

3250 ACC Financial Accounting Theory II. (3-0-3) F, S. This course is a continuation of ACC 3200. Investment, liabilities, and equities are examined. Complex problems in financial accounting such as pensions, leases, earnings per share, and preparation of the Statement of Cash Flows are studied. Prerequisite: BUS 3710, ACC 3200, each with a grade of C or better; admission to the School of Business or permission of the Associate Chair. (Students are strongly advised to take ACC 3250 and ACC 3900 concurrently.)

3300 ACC Management and Cost Accounting. (3-0-3) F, S. The role of management and cost accounting data in organizations will be explored. Course has in-depth coverage of cost accounting for financial reporting and managerial decision making. Includes job-order costing, process costing, activity-based costing, cost allocations, standard costing, and absorption and variable costing. Prerequisites: MAT 2120G with a grade of C or better; admission to School of Business or permission of the Associate Chair, School of Business. (Students are strongly advised to take ACC 3200 and ACC 3300 concurrently.)

3400 ACC Introduction to Income Taxation. (3-0-3) On Demand. An introduction to tax planning and compliance. The course will cover basic concepts and procedures of Federal and State Income Tax as they pertain to the individual taxpayer and the small business enterprise. No credit for graduation if student has credit for ACC 4400 or its equivalent. Not open to students enrolled in a curriculum requiring ACC 4400. Prerequisite: Junior standing or permission of the Associate Chair.

3750 (4750) ACC. Governmental and Nonprofit Accounting. (3-0-3) On Demand. Accounting for governmental and nonprofit entities. Topics include fund accounting characteristics, budgets, cost accounting systems, and financial statement analysis. Prerequisites: ACC 3200 with a grade of C or better; a minimum EIU cumulative GPA of 2.50; admission to the Accounting Program; or permission of the Chair, School of Business. Restricted to accountancy majors. Course may not be repeated.

3900 ACC Accounting Information Systems. (3-0-3) F, S. Accounting systems concepts, design, information needs and flows. Special emphasis on accounting internal controls. Includes coverage of transaction processing cycles, general ledger accounting architecture, relational databases, data modeling and database design, e-commerce and EDI, computer-based accounting information system control, computer accounting fraud and security, and the effects of accounting information technology on organizations. Prerequisite: MAT 2110G and MAT 2120G each with a grade of C or better; ACC 3200 and ACC 3300 each with a grade of C or better; admission to the School of Business, or permission of Associate Chair. No credit for students who successfully completed ACC 3100 or its equivalent. (Students are strongly advised to take ACC 3250 and ACC 3900 concurrently.) WI

3970 ACC Study Abroad. (Arr.-Arr.-1-15) Students can repeat this course with permission of the Associate Chair as topics change. Prerequisite: Admission to the School of Business. Additional prerequisites to be determined by the topic(s) to be covered.

4275 ACC Internship in Accounting. (Arr.-Arr.-1-12) (Credit/No Credit) Monitored work or service experience requiring development and application of accounting knowledge and skills. Prerequisite: Admission to the Accounting Program, ACC 3200, ACC 3300, a minimum cumulative EIU GPA of 2.50 or higher; and approval of Internship Learning Agreement by School of Business Associate Chair. Up to 12 hours of internship credit may be counted for graduation.

4300 ACC Advanced Management and Cost Accounting. (3-0-3) On Demand. The emphasis of the course is on the way management accounting data influence decisions within the organization. Course examines cost planning, cost control, decision making using accounting data, and performance evaluation. Topics include CVP analysis, relevant costing, the master budget, controlling discretionary costs, controlling inventory and production costs, capital budgeting, responsibility accounting and transfer pricing in decentralized organizations, measuring organizational performance and rewarding performance. Prerequisite: ACC 3300, ACC 3900, BUS 3950, BUS 3710, BUS 3010, BUS 3470, each with a grade of C or better; a minimum cumulative EIU GPA of 2.50 or higher; admission to the Accounting Program or permission of the Associate Chair.

4400 ACC Federal Income Taxation I. (3-0-3) F, S. This is the first of two courses on federal income tax accounting under the latest amendments to the Internal Revenue Code. This course focuses on the income taxation of individuals and sole proprietorships. Topics include regulatory framework and legal liability of accountants, determination of gross income, deductions, and computation of tax liability, payment procedures, and tax planning. Prerequisite: ACC 3200 with a grade of C or better; a minimum cumulative EIU GPA of 2.50 or higher, and admission to the Accounting Program, or permission of the Chair, School of Business.

4500 ACC Advanced Accounting Theory. (3-0-3) F, S. Financial accounting measurement, partnerships, international operations, and accounting for business combinations. This course is designed to develop the student's knowledge of selected financial accounting topics and to give the student an understanding of the theory relating to them. Prerequisite: ACC 3250 and ACC 3900, each with a grade of C or better; a minimum cumulative EIU GPA of 2.50 or higher; admission to the Accounting Program or permission of the Associate Chair.

4550 ACC Internal Auditing. (3-0-3) On Demand. Theory and applications of the internal auditing appraisal function in assisting members of the organization in the effective discharge of their responsibilities. This course is designed for those students seeking a career in management accounting. Prerequisite: ACC 3250, ACC 3300, and ACC 3900, each with a grade of C or better, a minimum cumulative EIU GPA of 2.50 or higher; admission to the Accounting Program or permission of the Associate Chair.

4700 ACC Auditing and Assurance Services. (3-0-3) F, S. This is the first of two integrated courses on auditing and assurance standards and practices. This course focuses on the audit function, nature and scope of audit engagement, professional auditing standards and procedures, assessment of engagement risk, planning for audit, and analysis of internal control. No credit will be granted for students who have completed ACC 4600 or its equivalent with a grade of C or better. Students who plan to take the Uniform CPA Examination should take this course and ACC 5400. Prerequisite: ACC 3250 and ACC 3900, each with a grade of C or better; a minimum cumulative EIU GPA of 2.50 or higher; admission to the Accounting Program, or permission of associate chair, School of Business.

4740 ACC Independent Study. (Arr.-Arr.-1-3) Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Prerequisite: Admission to the Accounting program, School of Business, ACC 3250, senior standing, cumulative grade-point average of 3.0 or higher, consent of the supervising instructor and approval of a completed application by the Associate Chair, School of Business, prior to registration.

Courses Open to Juniors, Seniors, and Graduate Students

4800 ACC Federal Income Taxation II. (3-0-3) F, S. A continuation of ACC 4400, with emphasis on underlying principles and concepts in the federal income tax laws and the tax consequences of alternatives. Emphasis on corporation, partnership, and fiduciary tax problems. Property transactions and international transactions will also be examined. Tax research is included. If this course is taken for graduate credit, there will be additional requirements to complete this course. Prerequisite: ACC 4400 with a grade of C or better; a minimum cumulative EIU GPA of 2.50 or higher; admission to the Accounting Program or permission of the Associate Chair.

AFRICAN-AMERICAN STUDIES

Undergraduate Courses

1000G AFR Introduction to African American Studies. (3-0-3) F, S. The course examines the history, culture and human experiences of Africans and peoples of the African Diaspora. The course will also explore the contributions

of Africans and peoples of African descent in all subjects of human endeavor, e.g., the arts, sciences, history, psychology, religion, politics, etc. WI

2000G AFR African American Experience. (3-0-3) F, S. The course examines the history, culture and human experience of African Americans in the United States. An overview of the black individual existence in America and his or her relationship with Africans worldwide. WI

3000 AFR Special Topics in African-American Studies. (3-0-3) On Demand. Focused study of a topic, issue, or period not ordinarily treated in existing courses. Topics to be announced. May be taken more than once with permission of the Director of African-American Studies and the Dean of the College of Arts and Humanities but may be taken only once to satisfy major requirements. Prerequisite: English 1002G.

3100 AFR African Aesthetics and Cosmology. (3-0-3) F. This course examines the interrelationship of the creative process with cultural and philosophical motifs, as well as the spiritual and the artistic amongst African people on the continent and Diaspora. Prerequisite: English 1002G.

3200 AFR African-American Identity. (3-0-3) S. This course examines the problem of identity crisis that African Americans encounter on a daily basis in America. Prerequisite: AFR 2000 and ENG 1002G.

3300 AFR African Cinema. (3-0-3) F. This is a course which encounters and interprets traditions of Africa through its cinema. Prerequisite: ENG 1002G.

3970 AFR Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4000 AFR Seminar on African-American Leadership. (3-0-3) S. This course examines the ideology, vision and agenda of those who have come to be known as leaders of the African-American populace. The course also examines their analysis of the African-American crisis as well as the solutions that they have advocated. Prerequisite: AFR 2000 and ENG1002G.

4100 AFR From Negritude to Afrocentricity and After. (3-0-3) S. This course examines the various forms of African/African-American thought and ideology that have arisen in the twentieth century, mostly due to the African encounter with the European. Prerequisite: AFR 2000 and ENG 1002G.

4275 AFR Internship in African-American Studies. (Arr.-Arr.-1-15) (Credit/No Credit) A semester's experience as an intern in an agency or organization relevant to the student's curriculum. The total hours must not exceed 15 including courses taken in any other internship offered by the university. Prerequisite: Permission of the program's chairperson and the written acceptance of the student by the agency or organization involved.

4400 AFR Independent Study. (Arr.-Arr.-1-3) Individual study of a topic of the student's choice under the direction of a faculty member. This course may be repeated for a total of not more than three semester hours. Prerequisite: Consent of supervising faculty member and permission of the African-American Studies chairperson.

ANTHROPOLOGY

Undergraduate Courses

2200G ANT Introduction to Anthropology. (3-0-3) F, S. A comparative and scientific study of world cultures. Includes origins and development of human culture and the study of contemporary societies and their ways of life. **S1 900N**

2290G ANT Introduction to Anthropology, Honors. (3-0-3) On Demand. A comparative study of the development of world civilizations from the earliest peoples to modern global interdependence, with an emphasis on global themes and global interactions. Prerequisite: Admission to the University Honors College. WI

2742 ANT Human Evolution. (3-0-3) S. Study of the biological and cultural evolution of humanity. Includes study of primate form and behavior; the origins of the human biological family, fossil evidence showing human biological evolution and archaeological evidence of human cultural development. **S1 902**

3602 ANT Peoples and Cultures of South America. (3-0-3) F-odd numbered years. Study of selected South American cultures; their religions, mythologies, political and economic systems. Includes the pre-Columbian background of South American cultures and their status in the modern world. Prerequisite: ANT 2200G or permission of the instructor.

3606 ANT Magic and Religion in Pre-literate Societies. (3-0-3) S. A world-wide survey of ideas and beliefs regarding supernatural beings and agents. Special attention will be given to totemism, ancestor worship, reverence for impersonal powers, witchcraft, sorcery, spirit possession and magic. Prerequisite: ANT 2200G or permission of the instructor.

3611 ANT Peoples and Cultures of Africa. (3-0-3) F. A study of the peoples and cultures of Africa, including a delineation of broad cultural areas. An in-

depth description of selected societies and a cross-cultural comparison of certain institutions such as religions, political systems and family structures. Prerequisite: ANT 2200G or permission of the instructor.

3691 ANT Native American Cultures. (3-0-3) S. Study of the cultures of Native Americans, including the study of religious and ceremonial systems, political systems, patterns of warfare and adaptations to environments, and current status of North American Indians. Prerequisite: ANT 2200G or permission of the instructor. WI.

3712 ANT Archaeology of the Earliest Civilizations. (3-0-3) F. Development of economic and political systems, religion, art, urbanism. Study of methods which archaeologists use to reconstruct complex cultures of the past. Prerequisite: ANT 2200G or 2742 or permission of the instructor.

3900 ANT Hunters and Gatherers. (3-0-3) S. This course examines the history, culture, and study of hunting and gathering peoples. Prerequisite: ANT 2200G or permission of instructor.

3960 ANT Special Topics in Anthropology. (Arr.-Arr.-1-4) On Demand. On-campus and/or off-campus fieldwork on special areas or topics in anthropology. May be repeated for a maximum of six semester hours. Prerequisite: Approval of the instructor.

3970 ANT Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4400 ANT Independent Study. (Arr.-Arr.-1-3) Individual study of a topic of the student's choice under the direction of a faculty member. The student must submit and receive approval of a detailed study plan prior to central registration. This course may be repeated for a total of not more than six semester hours of credit. Prerequisite: Nine semester hours of anthropology and a cumulative grade point average of 3.0 or better.

ART

Note: Studio courses meet for double periods. Discussions and critiques may be incorporated into the studio hours.

The Department of Art reserves the right to retain for exhibition purposes any student work produced in art classes for a period of one academic year after the year in which the work was produced.

All materials and art supplies which go into finished works of art are to be furnished by students. Courses in Art Education, Ceramics, 2D Foundations, 3D Foundations, Jewelry and Metalsmithing, Drawing, Painting, Printmaking, Sculpture, Graphic Design, Digital Art, Introduction to Art, and Multicultural Aesthetics, and Weaving may charge a studio laboratory fee for use of materials and services.

Core Curriculum: The core curriculum is a prescribed program of study required of all art majors and is basic to all options. Courses in the core curriculum consist of Art 1000, 1110, 1111, 2601G and 2602G. In addition, ART 2050 and 2500 are required common courses in the Art Education, Graphic Design and Art Studio options.

Undergraduate Courses

1000 ART. Drawing I. (0-6-3) F, S. Instruction in basic drawing concepts, techniques and black and white media. Prerequisites: Art majors, minors, Special Education majors with art area or permission of instructor. **ART 904**

1001 ART Drawing II. (0-6-3) F, S. Instruction in drawing from observation, intermediate drawing concepts, and techniques in color and black and white media. Prerequisite: ART 1000. Course may not be repeated.

1110 ART Two-Dimensional Foundations. Two-Dimensional Foundations. (0-6-3) F, S. Foundation course for all areas of art. Developing awareness of concepts of two-dimensional form through creative studio work. Prerequisite: Art majors, minors, Special Education majors with art area or permission of instructor. **ART 907**

1111 ART Three-Dimensional Foundations. (0-6-3) F, S. Foundation course for all areas of art. Developing awareness of space and concepts of form with analysis and application of tools and materials appropriate to three-dimensional projects. Prerequisite: Art majors, minors, or permission of instructor. **ART 908**

2000 ART. Life Drawing. (0-6-3) F, S. Study of human form as a subject of graphic expression. Use of various media in figure drawing investigated. Prerequisites: ART 1000. Open only to students admitted to the Graphic Design Option or with declared Studio Option 2D Emphasis or permission of instructor. **ART 906**

2012G ART Nonwestern Fine Arts. (3-0-3) F, S. Fine Arts from outside the European and North American traditions will be examined. Credit will not be awarded for THA 2012G in addition to ART 2012G. **F2 903N WI**

2050 ART Painting I. (0-6-3) F, S. Introduction to oil painting as a medium of expression, investigation of media usage, color development, variety of picture-making ideas and instruction in basic painting craftsmanship. Prerequisite: ART 1000, ART 1110 or ART 2310G, ART 2500 or permission of instructor. ART 2500 may be taken concurrently with this course. **ART 911**

2100 ART Sculpture I. (0-6-3) F, S. Introduction to the basic sculptural processes with an emphasis on studio safety, creativity, and the application of design principles. Prerequisite: ART 1111 and ART 2500 or permission of instructor. ART 2500 may be taken concurrently with this course. **ART 913**

2250 ART Ceramics I. (0-6-3) F, S. Introduction to various hand-building techniques, decorative methods, the firing process and the use of the potter's wheel. Prerequisite: ART 2500 or permission of instructor. ART 2500 may be taken concurrently with this course. **ART 912**

2300 ART African-American Art. (3-0-3) On Demand. Contribution of the African-American people to the art of the western world. **F2 906D**

2310G ART Introduction to Art. (1-4-3) F, S. An introductory study of the visual arts with the emphasis on developing student awareness and appreciation of aesthetics, design principles, concepts, media, and techniques that are primarily applicable to two-dimensional art forms. Not open to Art majors.

2330G ART Art Appreciation. (3-0-3) F, S. An introduction to the appreciation of the visual arts. This course will examine important examples of visual art drawn from a wide variety of media and cultures. The focus will be on helping students understand and appreciate how visual art works are made and how they function and communicate within their societal contexts. Not open to Art majors. **F2 900**

2400 ART Introduction to Art Education. (0-2-1) F. Introduction to the philosophical foundations of the field of Art Education and the various contexts within which art teaching functions. Ten (10) clock hours of pre-student teaching experience included. Prerequisite: Enrollment in the Art Education option.

2500 ART Health and Safety in the Visual Arts. (1-0-1) F, S. An introduction to health and safety issues for the visual artist, art educator, and individuals utilizing art supplies, technologies, and/or processes. This course is required in the first semester of study as an art major or prior to taking any 2000-level or higher art studio media course.

2560 ART Printmaking I. (0-6-3) F, S. Survey and exploration of methods of printmaking. Prerequisite: ART 1000, 2500 or permission of instructor. ART 2500 may be taken concurrently with this course. **ART 914**

2601G ART History of Art I. (3-0-3) F, S. Introduction to the history of visual art through the 14th century. Emphasis will be placed on learning how to correlate the historical context of cultures with the artwork. **F2 901; ART 901**

2602G ART History of Art II. (3-0-3) F, S. Survey of the visual arts, early Renaissance to the present. The emphasis in this course is on the artwork as an expression of the ideas and values of the community which produced it. **F2 902; ART 902**

2691G ART History of Art I, Honors. (3-0-3) On Demand. Introduction to the history of visual art through the 14th century. Emphasis will be placed on learning how to correlate the historical context of cultures with the artwork. Prerequisite: Admission to the University Honors College. WI

2692G ART History of Art II, Honors. (3-0-3) On Demand. A survey of the visual arts, early Renaissance to the present. The emphasis in this course is on the artwork as an expression of the ideas and values of the community which produced it. Prerequisite: Admission to the University Honors College. WI

2700 ART Introduction to Jewelry. (0-6-3) F, S. Fundamental techniques in the construction and decorative processes of metalsmithing and jewelry design. Prerequisite: ART 1110, 1111, 2500 or permission of instructor. ART 2500 may be taken concurrently with this course. **ART 915**

2800 ART Introduction to Weaving. (0-6-3) F, S. Development of various weaves using color and texture. Students will complete individual projects from dressing the loom to finishing techniques. Prerequisite: ART 2500 or permission of instructor. ART 2500 may be taken concurrently with this course. **ART 916**

2910 ART Introduction to Graphic Design. (0-6-3) F, S. Concept and communication development of black-and-white compositional studies and an introduction to color applications. Prerequisite: ART 1110, 1111, and 2500. ART 2500 may be taken concurrently with this course. **ART 918**

2920 ART Graphic Abstractions. (0-6-3) F, S. Simplification of an object into black-and-white form and subsequent color translations. Prerequisite: ART 1110, 1111, and 2500. ART 2500 may be taken concurrently with this course.

3000 ART Drawing III. (0-6-3) On Demand. Study of advanced drawing concepts and techniques. Traditional and nontraditional media used towards the development of a personal style. Prerequisite: ART 1001. **ART 905**

3011 ART Exhibition Techniques. (1-0-1) F, S. Organization and presentation of the portfolio and professional credentials. Prerequisites: ART 2500. A transfer student may take this course concurrently with ART 2500. Restricted to art majors.

3051 ART Painting II. (0-6-3) F, S. Painting as a method of personal expression explored. Instruction in concepts and organization of two-dimensional forms as related to the individual student's investigation of painting. Prerequisite: ART 2050.

3052 ART Painting III. (0-6-3) F, S. Continuation of ART 3051. Prerequisite: ART 3051.

3080 ART Watercolor. (0-6-3) On Demand. Painting course in transparent waterbase media; instruction in various technical methods of watercolor. Prerequisite: ART 2050 or permission of instructor. May be taken twice for credit.

3111 ART Sculpture II. (0-6-3) F, S. Specific work in the replacement (casting) process focusing on the technical aspects of cast sculpture from conception to display, including welding, carving, modeling, fabrication, mold-making and mixed media with continued emphasis on creativity and application of design principles. Prerequisite: ART 2100.

3112 ART Sculpture III. (0-6-3) F, S. Specific work in the additive (modeling/fabricating) and subtractive (carving/machining) sculptural processes with an emphasis on skill and technical development utilizing the individual's ideas and concepts. Prerequisite: ART 2100.

3200 ART Digital Art I. (3-3-3) F, S. An introduction to the concepts, principles and techniques related to the use of computers and digital technology as a visual arts medium, and as a means toward creative self expression. Prerequisites: ART 2500, ART 1000 and ART 1110 (or equivalent) and permission of instructor. May be taken twice for credit.

3251 ART Ceramics II. (0-6-3) F, S. Projects in hand building and/or throwing; study of glaze materials and glaze calculation. Prerequisite: ART 2250.

3252 ART Ceramics III. (0-6-3) F, S. Continuation of ART 3251. Prerequisite: ART 3251.

3340G ART Multicultural Aesthetics. (1-4-3) F, S. The study of cultural aesthetics through the comparison of art within different societies. Lecture, studio, and writing experiences will introduce students to the culturally significant meaning of different art forms. Not open to students whose major or minor is art.

3400 ART Art Education for Elementary Schools. (2-3-3) F. A lecture, discussion, and pre-student teaching experience course designed to present art education students with concepts, procedures, and experiences used in teaching art activities to children at the elementary level. Students will accrue pre-clinical observation hours. Art 3400 must be taken concurrently with ART 3405. Required for and open only to Art Education majors. Prerequisite: Admission to Art Education Program, Teacher Education Program, and Art 2400.

3405 ART Art Education for Elementary Schools Studio. (2-2-2) F. A studio-intensive course to acquaint art education students with appropriate materials, methods, and processes for elementary students. Art 3405 must be taken concurrently with ART 3400. Required for and only open to Art Education majors. Prerequisite: Admission to Art Education Program, Teacher Education Program, and Art 2400.

3410 ART Art Education for Secondary Schools. (2-3-3) S. Philosophy relating to teaching art in the junior/senior high school with studio and pre-student teaching experience. ART 3410 must be taken concurrently with ART 3415. Required for and open only to Art Education majors, and Special Education majors with art area. Prerequisite: ART 3400 and 3405; EDP 3331 and SED 3330; for ISEP students, SED 3000 and 3100; for Special Education majors with art area, MLE 3110. WI

3415 ART Art Education for Secondary Schools Studio. (2-2-2) S. A lecture and studio-intensive course intended to acquaint art education students with secondary level art materials, methods, and processes. ART 3415 must be taken concurrently with ART 3410. Required for and open only to Art Education majors. Prerequisite: ART 3400 and ART 3405, EDP 3325 and SED 3330; for ISEP students, SED 3000 and 3100. WI

3420 ART New Media in the Art Curriculum. (0-6-3) On Demand. Survey and exploration of the possibilities of newer media for the teaching of art in the public schools. Studio experiences with an emphasis on creative applications in the classroom. Prerequisite: ART 3400, 3410, or permission of the instructor. WI

3440 ART Art for Teachers in the Elementary Grades. (2-2-2) F, S. A methods course for elementary education students in the teaching of art education to children from grades K-6. The course will identify art content, art media, and instructional pedagogy appropriate for teaching art at the elementary level. Prerequisites: Enrollment in Elementary Education, Middle Level Education, or Special Education. Preference given to students with university approval to take Teacher Education courses.

3570 ART Printmaking II. (0-6-3) F, S. Intensive exploration of methods of printmaking with emphasis on new approaches to personal expression. Prerequisite: ART 2560.

3610G ART African Art. (3-0-3) F, S. Comprehensive study of the styles and functions of African Arts. WI

3611G ART Art in India and Southeast Asia. (3-0-3) F-even-numbered years. History of the Art of India and Southeast Asia from ancient times to the present. WI

3612G ART Art in China and Japan. (3-0-3) S-odd-numbered years. History of the Art of China and Japan from ancient times to the present. WI

3630 ART Greek and Roman Art. (3-0-3) S-odd-numbered years. Art and architecture studied in the context of the Greek and Roman cultures, ca. 1500 B.C. to 300 A.D. Prerequisite: ART 2601G.

3641 ART Early Medieval Art. (3-0-3) F-odd-numbered years. Survey of the visual arts in the societies of western Europe, Byzantium, Islam from late antiquity through the tenth century in Western Europe. Prerequisite: ART 2601G.

3642 ART Romanesque and Gothic Art. (3-0-3) S-even-numbered years. Survey of the visual arts in the societies of Western Europe, Byzantium and Islam from the eleventh to fifteenth centuries. Prerequisite: ART 2601G.

3651 ART Italian Renaissance Art: Fifteenth Century. (3-0-3) F. Development of style and iconography in fifteenth-century Italian art. Prerequisite: ART 2602G.

3652 ART Italian Renaissance Art: Sixteenth Century. (3-0-3) S-even-numbered years. Development of style and iconography in sixteenth-century Italian art: High Renaissance and Mannerism. Prerequisite: ART 2602G.

3660 ART Baroque Art. (3-0-3) S-odd-numbered years. Study of the Baroque style in Italy and Northern Europe. Prerequisite: ART 2602G.

3670 ART Nineteenth-Century Art. (3-0-3) S-even-numbered years. Leading artists, movements, and trends during the 19th century in the art of Western Europe and the United States, with emphasis on France. Prerequisite: ART 2602G.

3680 ART Modern Art. (3-0-3) F-even-numbered years. Major artists, developments, and significant achievements in painting and sculpture, 1880-1947. Prerequisite: ART 2602G.

3681 ART Contemporary Art. (3-0-3) F-even-numbered years. An investigation of the visual area since 1945. Focusing on new media, this course will evaluate the enormous range of artistic production from this period. Topics will include a consideration of representation, cross-cultural artworks, authorship, and popular culture. Prerequisite: ART 2602G

3685 ART Women in Art. (3-0-3) F-even-numbered years. A study and evaluation of the place of women in the history of art. The course will cover both the images of women conveyed in the art of various periods and the contributions of individual women artists from the Middle Ages to the present. The social conditions contributing to attitudes about women and to the success or failure of women in the professional role of artist will be emphasized.

3701 ART Jewelry and Metalsmithing I. (0-6-3) F, S. Advanced problems in functional and non-functional metalsmithing. A continuing development of the previously learned fundamentals in metal construction and introducing basic silversmithing processes. Prerequisite: ART 2700 or permission of the instructor.

3702 ART Jewelry and Metalsmithing II. (0-6-3) F, S. A continuation of ART 3701 further mastery of techniques. Prerequisite: ART 3701.

3801 ART Weaving II. (0-6-3) F, S. Study of the theory of weaving. Experimentation and practice in design characteristics of weaves and materials. Prerequisite: ART 2800.

3802 ART Weaving III. (0-6-3) F, S. Advanced study of theory of weaving with individual concentration in designing on the loom. Further mastery of the media is stressed. Prerequisite: ART 3801.

3820 ART Textile Design. (0-6-3) On Demand. Pattern design principles as they apply to historical and contemporary textiles. Studio experiences may include work in batik, block painting, crochet, macrame, stenciling, and stitchery.

3910 ART Typography I. (0-6-3) F. An introduction to letterform design, including the analysis of existing classical typefaces and the development of new variations. Emphasis will be on observations of the salient issues regarding legibility and readability, form and counterform, and what qualities and attributes constitute a font and family of type. The observations from this research will then be applied to abstract symbol design. Prerequisite: ART 2910, 2920 and admission into the Graphic Design option.

3911 ART Visualization Studies I. (0-6-3) F. An introduction to drawing of illustrations as visual symbols with an emphasis on communication development and the semantics of symbol juxtapositions. Prerequisite: ART 2910, 2920 and admission into the Graphic Design option.

3920 ART Typography II. (0-6-3) S. An introduction to text and display type exercises. Emphasis will be on the development of typographic hierarchical structure within a given design problem. Prerequisite: ART 3910 and 3911.

3921 ART Visualization Studies II. (0-6-3) S. An Introduction to the application of illustration and symbols to the interpretation and communication of complex data. Prerequisite: ART 3910 and 3911.

3940 ART History of Graphic Design. (3-0-3) F-odd-numbered years. The history of graphic design from the 19th century to the present. Prerequisite: ART 2602.

3970 ART Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4000 ART Advanced Life Drawing. (0-6-3) F, S. Continued study of the human form as a subject of graphic expression. Development of a personal style and mastery of various media and techniques. Prerequisites: ART 2000 or the permission of the instructor. May be taken three times for credit.

4051 ART Painting IV. (0-6-3) F, S. Advanced study of painting as development in personal expression through individual students' painting problems and investigations; professional craftsmanship stressed. Open to choice of medium. Prerequisite: ART 3052 or two semesters of ART 3080.

4052 ART Painting V. (0-6-3) F, S. Continuation of ART 4051. Prerequisite: ART 4051. May be taken twice for credit.

4111 ART Sculpture IV. (0-6-3) F, S. Advanced study in sculpture directed toward the mastery of a personal style with a concentration on one or a series of concepts. One sculptural process, technique, or material to be explored in depth. Prerequisite: ART 3111 and/or ART 3112.

4112 ART Sculpture V. (0-6-3) F, S. Continuation of ART 4111 with increasing mastery of a personal style and sculptural processes. Prerequisite: ART 4111. May be taken twice for credit.

4251 ART Ceramics IV. (0-6-3) F, S. Development of techniques and processes to a level of professional attainment; emphasis upon growth in area of student's interest. Prerequisite: ART 3252.

4252 ART Ceramics V. (0-6-3) F, S. Continuation of ART 4251 with increasing depth of mastery. Prerequisite: ART 4251. May be taken three times for credit.

4275 ART Internship. (Arr.-Arr.-1-15) (Credit/No Credit) An individually planned work experience in a business or agency appropriate to the student's area of specialization. NOTE: A maximum of six semester hours may be counted as art elective credit in the Art major. Prerequisite: Junior standing, appropriate course work, permission of the Art Department chair and internship supervisor, and acceptance of the student by a business or agency.

4400 ART Independent Study. (Arr.-Arr.-1-3) Work in special problems selected to fulfill needs of the student. Prerequisite: Individual plan and permission of the instructor and the department chairperson, plus nine semester hours in the area of proposed study. May be taken for a maximum of six semester hours.

4580 ART Printmaking III. (0-6-3) F, S. Individual selection of printmaking processes and problems. Prerequisite: ART 3570. May be taken three times for credit.

4701 ART Advanced Metalsmithing I. (0-6-3) F, S. Advanced problems in silversmithing and development of senior portfolio. Prerequisite: ART 3702.

4702 ART Advanced Metalsmithing II. Continuation of ART 4701 with further mastery of techniques. Prerequisite: ART 4701. May be taken twice for credit.

4740 ART Issues in Art Education. (3-0-3) F. Study of the major theories and issues which have played important roles in shaping the character of contemporary art education. Prerequisite: ART 3400, 3410, or permission of the instructor. WI

Courses Open to Juniors, Seniors, and Graduate Students

4755 ART Special Topics in Art. (Arr.-Arr.-1-3) On Demand. Study of special topics in Art and Art History that are not ordinarily covered in existing courses. Topics to be announced. May be repeated for credit on a different topic with permission of the department chair. Prerequisite: Junior standing and a minimum of five courses in Art with one being an Art History course or permission of the instructor.

4765 ART Twentieth-Century American Painting and Sculpture. (3-0-3) F. A study of major American artists, movements, and tendencies that have developed since 1908. Prerequisite: Six semester hours of Art Survey (Ancient to Medieval, Gothic to Contemporary) or permission of instructor. WI

4775 ART Seminar in Twentieth-Century Art History and Criticism. (3-0-3) S. A critical understanding and evaluation of art, art-historical literature, and contemporary criticism, with emphasis on critics, artists and art of the post-World War II period. Prerequisite: Six semester hours of Art Survey (Ancient to Medieval, Gothic to Contemporary) or permission of the instructor. WI

4800 ART Advanced Weaving. (0-6-3) F, S. Advanced problems in weaving with particular emphasis on design using the Dobby and multi-harness looms and double weave techniques to perfect skills. Prerequisite: ART 3802.

4801 ART Advanced Weaving II. (0-6-3) F, S. Advanced problems in weaving with particular emphasis on complex weaves. Prerequisite: ART 4800.

4802 ART Advanced Weaving III. (0-6-3) F, S. Continuation of ART 4801 with further mastery of the subject matter and techniques. Prerequisites: ART 4801. May be taken twice for credit.

4910 ART Typography III. (0-6-3) F. Advanced visualization studies investigating the application of visual communication concepts to problems involving sequential relationships. May be taken twice for credit for a maximum of six semester hours; only three semester hours may be accepted as graduate-level credit. Prerequisite: ART 3920 and 3921.

4911 ART Visualization Studies III. (0-6-3) F. An introduction to the application of visual communication concepts to three-dimensional design issues. Prerequisite: ART 3920 and 3921.

4920 ART Typography IV. (0-6-3) S. Advanced display and text studies investigating the application of visual communication concepts to problems involving design systems and corporate identity. May be taken twice for credit for a maximum of six semester hours; only three semester hours may be accepted as graduate-level credit. Prerequisite: ART 4910 and 4911.

4921 ART Visualization Studies IV. (0-6-3) S. Advanced three-dimensional visualization studies investigating the application of visual communication concepts to environmental design problems. Prerequisite: ART 4910 and 4911.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the Graduate Catalog.

B.A. in GENERAL STUDIES

Undergraduate Courses

2985 BGS Adults in Transition. (2-0-2) Designed to assist returning adult students with the transition into academia with an emphasis on writing/communication skills, learning styles, successful learning techniques/practices, program policies/procedures and developing an academic plan of study. Prerequisite: Admission to the BA in General Studies Degree Program or permission of the instructor. WI

3001 BGS BGS Prior Learning Portfolio. (3-0-3) A writing-intensive course focusing on the process of analyzing and documenting a prior learning experience in portfolio form. Emphasis is on analysis of prior learning, information access as it pertains to prior learning assessment and further development of writing skills. Prerequisite: Admission to the BGS Degree Program and permission of the instructor. WI

BIOLOGICAL SCIENCES

Undergraduate Courses

1001G BIO Biological Principles and Issues. (2-2-3) An introduction to the study of living organisms with emphasis upon an appreciation for their behavioral, functional, and structural adaptations, their diversity and relationship to the environment. In addition, strong emphasis on current issues dealing with the field of biology. Does not count toward the Biological Sciences major or minor. Credit for BIO 1001G will not be granted if the student already has credit for or registration in BIO 1091G or BIO 1100. **L1 900L**

1002G BIO Practical Botany. (2-2-3) This course will introduce students to the importance of plants in their daily lives. General botanical principles will be taught with emphasis on instructing students in methods of identification, growth and maintenance of plants used in landscaping, gardening, and interiorscaping. Does not count toward the Biological Sciences major or minor. Credit for BIO 1002G will not be granted if the student already has credit for or registration in BIO 1092G or BIO 1200G.

1003G BIO Life of Animals. (2-2-3) An introduction to the study of animals and animal diversity with emphasis on behavioral, functional, and structural adaptations as they relate to specific habitats. Does not count toward the Biological Sciences major or minor. Credit for BIO 1003G will not be granted if the student already has credit for or registration in BIO 1093G or BIO 1300G.

1004G BIO Practical Microbiology. (2-2-3) Using practical laboratory experiences students learn characteristics and activities of microorganisms with special emphasis on their significance to society. This course targets students majoring in Family and Consumer Sciences, Pre-Nursing, and Health Studies. Does not count in the Biological Sciences major or minor. Credit for BIO 1004G will not be granted if the student already has credit for or registration in BIO 1094G or BIO 3300. **L1 903L**

1091G BIO Biological Principles and Issues, Honors. (2-2-3) The study of the fundamental processes and structures common to all living things. Current issues in the biological sciences will be addressed. Does not count toward the Biological Sciences major or minor. Credit for BIO 1091G will not be granted if the student already has credit for or registration in BIO 1001G or BIO 1100. Prerequisites: Admission to the University Honors College. **L1 900L WI**

1092G BIO Practical Botany, Honors. (2-2-3) This course will introduce students to the importance of plants in their daily lives. Emphasis will be placed on students learning methods for the identification, growth and maintenance of plants used in landscaping, gardening and the home. Does not count toward the Biological Sciences major or minor. Credit for BIO 1092G will not be granted if the student already has credit for or registration in BIO 1002G or BIO 1200G. Prerequisite: Admission to the University Honors College.

1093G BIO Life of Animals, Honors. (2-2-3) An introduction to the study of animals with an emphasis upon an appreciation for their behavioral, functional, and structural adaptations, their diversity and relationships to their environment. Does not count toward the Biological Sciences major or minor. Credit for BIO 1093G will not be granted if the student already has credit for or registration in BIO 1003G or BIO 1300G. Prerequisite: Admission to the University Honors College. WI

1094G BIO Practical Microbiology, Honors. (1-4-3) Using practical laboratory experiences student will learn characteristics and activities of microorganisms with emphasis on the performance of standard procedures and techniques used to study microbes. The course culminates with a student designed original research project. Does not count toward the Biological Sciences major or minor. Credit for BIO 1094G will not be granted if the student already has credit for or registration in BIO 1004G or BIO 3300. Prerequisite: Admission to the University Honors College.

1100 BIO General Biology. (3-3-4) An introduction to biology for students majoring in the Biological Sciences with emphasis on understanding the basic principles of biology. Credit not given for General Education. **L1 900L; BIO 913; CLS 914**

1150 BIO Biology Forum (1-0-1) The course is designed for freshmen and transfer students majoring in the Biological Sciences to enhance their transition to Eastern Illinois University by introducing them to the Biological Sciences program, providing an overview of the major and core requirements, and addressing specific skill sets necessary for success in the major. These skills include: library expertise, computer competence, and ability to produce and interpret graphs and tables, and critical scientific reading. Students will also meet the Biological Sciences faculty and discover departmental research opportunities and internship opportunities, summer and study abroad programs, career opportunities, and student clubs.

1200G BIO General Botany. (3-3-4) An introduction to the study of bacteria, fungi, algae, bryophytes and vascular plants for students majoring in the biological sciences. Prerequisite: BIO 1100. **BIO 914**

1300G BIO Animal Diversity. (3-3-4) A study of the functional anatomy, systematics and natural history of the major groups of animals. Prerequisite: BIO 1100. **BIO 915, L1 902L**

2001G BIO Human Physiology. (3-2-4) An organ systems approach to the function of the human body. Does not count toward the Biological Sciences major or minor. Credit for BIO 2001G will not be granted if the student already has credit for or registration in BIO 2091G or BIO 3520. **L1 904L**

2002G BIO Environmental Life Sciences. (3-0-3) A study of the interrelationships of the living and non-living components of the environment, the ecology of humankind, and the interaction of humans with the environment. The course emphasizes current environmental issues and possible solutions and courses of action. Does not count toward the Biological Sciences major or minor. Credit for BIO 2002G will not be granted if the student already has credit for or registration in BIO 2092G or BIO 3850.

2003G BIO Heredity and Society. (3-0-3) A course for non-science majors that addresses the ethical, political, and social implications of heredity and modern genetic technology. Basic genetic principles as well as contemporary issues in biotechnology will be studied. Does not count toward the Biological Sciences major or minor. Credit for BIO 2003G will not be granted if the student already has credit for or registration in BIO 2093G or BIO 3200.

2091G BIO Human Physiology, Honors. (3-2-4) An organ systems approach to the function of the human body. Does not count toward the Biological Sciences major or minor. Credit for BIO 2091G will not be granted if the student already has credit for or registration in BIO 2001G or BIO 3520. Prerequisite: Admission to the University Honors College. WI

2092G BIO Environmental Life Sciences, Honors. (4-0-4) A study of the interrelationships of the living and non-living components of the environment, the ecology of humankind, and the interaction of humans with the environment. The course emphasizes current environmental issues and possible solutions and courses of action. Does not count toward the Biological Sciences major or minor. Credit for BIO 2092G will not be granted if the student already has credit for or registration in BIO 2002G or BIO 3850. Prerequisite: Admission to the University Honors College.

2093G BIO Heredity and Society, Honors. (4-0-4) A course for non-science majors that addresses the ethical, political, and social implications of heredity and modern genetic technology. Basic genetic principles as well as contemporary issues in biotechnology will be studied. Does not count toward the Biological Sciences major or minor. Credit for BIO 2093G will not be granted if the student already has credit for or registration in BIO 2003G or BIO 3200. Prerequisites: Admission to the University Honors College. WI

2200 BIO Human Anatomy. (3-3-4) Models and cadaver study of normal human structure of muscular, skeletal, respiratory, cardiovascular, lymphatic, nervous, digestive, and urogenital systems. Prerequisite: BIO 1100 or equivalent and BIO 2001G or equivalent, or permission of the instructor. **CLS 904**

2320 BIO Economic Botany – Role of Plants in the World Economy. (3-0-3) S. The impact of plants and plant products on the world economy, with emphasis on the U. S. economy. Course also includes information on the origin, development, diversity and future impact of plants and plant products on the world economy. Prerequisites: BIO 1200G or permission of the instructor.

3100 BIO Molecular and Cell Biology. (3-0-3) A study of biomolecules with emphasis on structural and functional contributions to the living state. Cell organelles and selected cell types will be included. Prerequisites: BIO 1100, CHM 1410 and CHM 1415.

3101 BIO Molecular and Cell Biology Laboratory. (0-3-1) Through experimentation, students will gain an introduction to many of the techniques utilized in the area of molecular and cell biology, including microscopy, electrophoresis, subcellular fractionation, isolation of cellular components, and tissue culture techniques. Prerequisite or corequisite: Prior completion or concurrent enrollment in Biological Science 3100.

3200 BIO Genetics. (3-2-4) The fundamental principles of genetics (classical, molecular, and population) stressing applications to all organisms. Prerequisites: BIO 3100 or CHM 3450.

3210 BIO Immunology. (2-3-3) Basic principles and laboratory procedures for the study of immune responses. Prerequisite: BIO 3100 or BIO 3200 or concurrent enrollment.

3300 BIO General Microbiology. (2-4-4) An introduction to the biology of prokaryotic and eukaryotic microorganisms. Emphasis is placed on bacteria and their chemical composition and structure, classification, growth, physiology, genetics, diversity, pathogenicity, ecology, and economic importance. The laboratory will include principles and techniques for the

isolation, cultivation, enumeration, and characterization of microorganisms. Prerequisite: BIO 1100.

3312 BIO Horticulture. (2-2-3) The principles and practices of indoor and outdoor home gardening with emphasis on practical applications of horticulture. Prerequisite: BIO 1200G.

3322 BIO Dendrology. (2-3-3) The identification of common native, naturalized, and planted trees, shrubs, and vines of Illinois, their life histories, wood structure, ecology, and economic significance. The biotic divisions of Illinois and major forest regions of North America are also stressed. Prerequisite: BIO 1200G.

3400 BIO Methods of Teaching Biological Sciences in High School. (2-2-3) A study of teaching techniques including the collection and use of materials for demonstrations and laboratory experiments. Thirty clock hours in pre-student teaching are required. Prerequisite: EDP 3331 and SED 3330; for ISEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110.

3450 BIO Independent Study. (Arr.-Arr.-1-3) (Credit/No Credit) Individual study on a topic in biology selected by the student under the supervision of an instructor. Prerequisite: BIO 1100, 1200G, 1300G and permission of the department chairperson and instructor. May be repeated for credit to a maximum of three semester hours. This course is not intended for students who wish to complete a research project.

3451 BIO Undergraduate Research. (Arr.-Arr.-1-3) (Credit/No Credit) Original research in Biological Sciences conducted in consultation with a faculty mentor. Students will conduct a research project using current scientific protocols. Hypothesis formation, bench work, data collection/analysis become the responsibility of each student. Written report required. May be repeated for credit to a maximum of three semester hours. Prerequisite: BIO 1100, 1200G, 1300G and approval of instructor and department chairperson.

3510 BIO Plant Physiology. (2-4-4) The study of water relations, mineral nutrition, phytohormones, photosynthesis, respiration and physiological ecology. Prerequisites: BIO 1200G and BIO 3100; or CHM 3450.

3520 BIO Animal Physiology. (3-3-4) A study of basic principles of animal physiology with emphasis on mammalian organ systems. Prerequisite: BIO 3100 or CHM 3450. WI

3612 BIO Plant Morphology. (2-3-3) The morphology, anatomy, life cycles, and evolutionary history of plants, including bryophytes, ferns and fern allies, gymnosperms, and angiosperms. Prerequisites: BIO 1200G. WI

3614 BIO Plant Anatomy. (2-2-3) A comprehensive study of the internal structure of vascular plants, focusing primarily on the anatomy of flowering plants. The course emphasizes plant development and structural-functional relationships. Prerequisite: BIO 1200G. WI

3620 BIO Functional Comparative Anatomy. (2-4-4) A study of vertebrate anatomy, emphasizing the evolution of form and function of structures. Laboratory dissection of representative vertebrates. Prerequisite: BIO 1300G and junior-level standing.

3622 BIO Embryology. (2-4-4) Systematic examination of the mechanisms that underlie animal development from a single-cell to a multicellular organism. Morphological studies emphasize selected embryonic stages in echinoderms, amphibians, birds, and mammals. Prerequisite: BIO 1300G.

3624 BIO Histology. (1-4-3) The structure and function of tissues, primarily human. Laboratory study is combined with discussion of normal tissue structures. Prerequisite: BIO 2001G or equivalent and BIO 2200 or equivalent, or permission of the instructor.

3700 BIO Parasitology. (2-3-3) Means of identification, life histories, and methods of control of the more common animal parasites, including those of humans. Prerequisite: BIO 1300G.

3710 BIO Plant – Animal Interactions. (3-0-3) S-even-numbered years. The course examines diverse interactions between plants and animals, including exploitative, commensal, and mutualistic relationships, as well as those indirectly affecting or mediated by third parties involved in multi-trophic interactions, such as fungi and bacteria. Prerequisites: BIO1200G and BIO1300G.

3720 BIO Entomology. (2-4-4) F. The morphology, classification, ecology and economic importance of insects. Methods of collection and specimen preparation are included. Prerequisite: BIO 1300G. WI

3800 BIO Ecology. (3-3-4) The interrelationships of plants and animals with their biotic and abiotic environments. Emphasis will be placed upon principles of population and community ecology. Prerequisites: BIO 1200G and BIO 1300G. WI

3810 BIO Freshwater Ecology. (1-4-3) The physical environment and biological communities involved in fresh water ecosystems. Prerequisite: BIO 1200G, 1300G, CHM 1310G, and 1315G.

3850 BIO Environmental Biology. (3-0-3) F. An introduction to the principles of environmental science for Biological Sciences majors and minors. This course investigates the foundations of environmental science with particular attention to environmental problems and the costs and benefits of their solutions from the local to global scale. This course pays particular attention to the analysis, interpretation, and presentation of scientific information. Prerequisites: BIO 1200G and BIO 1300G.

3888G BIO. Subtropical and Marine Ecology. (Arr.-Arr.-4) Su. The identification, natural history, and ecology of the flora and fauna of the Bahamas. This course will include a mandatory, week-long field experience to Fofar Field Station on Andros Island, Bahamas. Preference given to students with relevant experience in biology. Prerequisite: Permission of instructor.

3950 BIO Vertebrate Natural History. (2-3-3) The natural history of vertebrates including distribution, reproduction, behavior, evolution, and phylogeny. Prerequisite: BIO 1300G. WI

3952 BIO Invertebrate Natural History. (2-3-3) Natural history, including distribution and habitat utilization; reproduction, behavior, and life histories; identification, classification and evolution of terrestrial and aquatic invertebrates. Emphasis on major groups in the Midwest. Prerequisite: BIO 1300G. WI

3960 BIO Special Topics. (Arr.-Arr.-1-4) On Demand. Reading discussions, reports, on-campus and off-campus fieldwork on special areas or topics in Biological Sciences. May be repeated for a maximum of eight semester hours of credit with permission of the department chairperson. Prerequisite: BIO 1100, 1200G, 1300G and permission of the department chairperson and instructor.

4275 BIO Internship. (Arr.-Arr.-12) (Credit/No Credit) Employment experience in one or more phases of the Biological Sciences for one semester with an agency or firm approved by the environmental biology coordinator. A formal written report of the internship experience is required. Prerequisite: Only open to students in Environmental Biology option. At least 90 semester hours of work in Biological Sciences program; completion of at least one advanced ecology course; minimum cumulative GPA or major GPA of 2.25; approval of the environmental biology coordinator.

4400 BIO Teaching in the Lab. (Arr.-Arr.-1) (Credit/No Credit) Experience assisting and supervising in a biological lab setting. Students work under the direction of the course instructor. May be repeated for credit to a maximum of three semester hours. Prerequisites: Completion of the course in which the student is assisting with a grade of B or higher and permission of the instructor.

4444 BIO Honors Independent Study. (Arr.-Arr.-1-3) Consideration of special topics in Biological Sciences. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. May be taken twice for credit.

4555 BIO Honors Research. (Arr.-Arr.-1-3) Original experimental or theoretical research in Biological Sciences conducted in consultation with a faculty mentor. Students will conduct a research project using current scientific protocols. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors coordinator. May be taken twice for credit up to six semester hours.

4644 BIO Honors Thesis. (Arr.-Arr.-3) Original research in preparation of a thesis on a topic in Biological Sciences approved by faculty supervisor and the Departmental Honors Coordinator. Students in the Biological Sciences Honors Program must take at least 3 credit hours of thesis. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666 BIO Honors Seminar. (2-0-1) Areas of investigation which require integration of Biological Sciences and research will be addressed. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors coordinator. May be taken twice for credit.

Courses Open to Juniors, Seniors, and Graduate Students

4750 BIO Biometrics. (2-2-3) Methods of quantitative analysis of biological data at the population level. Emphasis placed on practical applications of statistical analysis. Prerequisite: Eighteen semester hours of biological sciences.

4751 BIO Advanced Molecular Cell Biology. (3-0-3) A study of the molecular basis of intracellular processes, including gene regulation and expression; molecular biosyntheses and transport; cell motility and adhesion; cell cycle

regulation; and intracellular signaling, using case studies from current scientific literature. Prerequisites: BIO 3100 and 3200.

4810 BIO Plant Ecology. (1-4-3) The application of investigative techniques to the study of the structure and successional patterns of plant communities. Prerequisite: Two years of Biological Sciences. WI

4812 BIO Fisheries Ecology and Management. (2-3-3) Relationships of fish with biotic and abiotic components of their environment. Role of fishes in aquatic ecosystems and current management strategies. Prerequisite: BIO 3800. BIO 4750 recommended.

4814 BIO Conservation Biology. (3-0-3) Study of the application of ecological and genetic principles to the preservation and conservation of biological diversity. Topics will include the demography and genetics of small populations, population viability, island biogeography, and the design of nature reserves. Prerequisite: BIO 3200 and 3800. WI

4816 BIO Study of Biotic Communities. (2-Arr.-3) The study of selected biotic communities in Illinois and surrounding states. May be repeated for credit if a different topic is taught. Prerequisite: Major in Biological Sciences; 12 semester hours in Biological Sciences including BIO 3800 or 4810; or permission of the instructor.

4818 BIO Environmental Microbiology. (2-4-4) An introduction to the principles, applications, and methodologies of environmental microbiology with emphasis on microbial interactions with animals and plants, on the microbiology of air, water, sewage, and soils, and on the role of microorganisms in biogeochemical cycling. The use of microorganisms in the bioremediation of environmental pollutants and in the recovery and enhancement of environmental resources will also be considered. Prerequisite: BIO 3300 or equivalent or permission of the instructor.

4820 BIO Spatial Analysis for Environmental Sciences. (3-3-4) F. An introduction to how spatial data are synthesized and interpreted in the environmental sciences. The course will focus on interpretation of remotely sensed data, point pattern analysis, and digital elevation models. Students will become familiar using appropriate software such as Geographic Information Systems (GIS), statistical and modeling software. Prerequisite: BIO 3800 or permission of the instructor.

4830 BIO Comparative Vertebrate Physiology. (3-0-3) A comparison of physiological activities of vertebrates and adaptations to their natural environment. Prerequisite: BIO 3520 and CHM 2430; CHM 3300 recommended.

4832 BIO Animal Behavior. (3-3-4) Theoretical and experimental studies of the principles of animal behavior. Prerequisite: Sixteen semester hours of Biological Sciences or permission of the instructor.

4834 BIO Neurobiology. (3-0-3) A study of the structure and function of neurons, the principal cells of the nervous system, at the molecular and cellular level. This course will emphasize neurobiological aspects of learning, memory, and behavior. Prerequisite: BIO 3100 or permission of the instructor.

4836 BIO Pathogenic Microbiology. (2-4-4) An introduction to the role and activities of pathogenic microorganisms in the diseases of humans, animals, and plants with emphasis on the history, classification, morphology, nutrition and growth, metabolism, genetics, and virulence factors of disease-causing prokaryotes as well as the epidemiology, diagnosis, treatment, and prevention of the diseases they cause. The laboratory will emphasize clinical techniques required for the isolation, cultivation, and identification of pathogenic microorganisms. Prerequisite: BIO 3300 or equivalent or permission of the instructor.

4840 BIO Resource Management and Environmental Assessment. (2-3-3) S. This course will explore the concepts in natural resource management including data acquisition and how environmental regulations are used in integrated ecological assessments at the federal and state level. Prerequisite: BIO 3800 or permission of the instructor.

4892 BIO Introduction to Paleobotany. (3-2-4) Introduction to the origin and theories of evolution, diversification, radiation, and paleogeography of plants through time, with special reference to vascular plants. Field work. Prerequisite: GEL 1430 and BIO 3612 or permission of instructor. Credit not granted for both GEL 4892 and BIO 4892.

4940 BIO Phycology. (2-3-3) Introduction to algal biology; emphasis is placed on freshwater algae including the study of classification, life-history, physiology, ecology, and evolution. Prerequisite: BIO 1200G.

4942 BIO Mycology. (2-3-3) Survey of the fungi; specifically the characteristics and phylogenetic relationships of the major groups of fungi, their structure, growth and development, physiology, reproduction and

dispersal, genetics, ecological role and economic importance. Prerequisite: BIO 1200G. WI

4944 BIO Lichens. (2-3-3) Systematic survey of the lichens, including their physiology, growth and development, reproduction, ecology, economic importance, and classification. Field trips required. Prerequisite: BIO 1200G. WI

4946 BIO Bryology. (1-4-3) The structure, identification, life-history, and importance of the mosses and liverworts. Fall field trip is required. Prerequisite: BIO 1200G.

4948 BIO Plant Taxonomy. (1-4-3) The classification and evolution of flowering plants. Emphasis on learning common families and field techniques, especially specimen preparation. Saturday field trip required. Prerequisite: BIO 3322 or 3612 or permission of instructor.

4950 BIO Ichthyology. (2-3-3) Study of the anatomy, physiology, systematics and zoogeography of fishes. Prerequisite: BIO 3800 or BIO 3950 or permission of instructor.

4952 BIO Herpetology. (2-3-3) S-even-numbered years. A survey of the amphibian and reptilian classes, with emphasis on the extant herpetofauna of "Mid-West" region of the North America. Material presented in lecture will be supplemented with laboratory examinations of preserved specimens and field trips to regional sites for surveying available taxa. Prerequisite: BIO 3800 or BIO 3950 and junior-level standing.

4954 BIO Ornithology. (2-3-3) The identification, classification, distribution, and natural history of Midwestern birds. Prerequisite: BIO 3800 or BIO 3950 or permission of instructor. WI

4956 BIO Mammalogy. (2-2-3) A study of mammals with emphasis on classification, distribution, natural history and ecology. Prerequisite: BIO 3800 or permission of the instructor.

4960 BIO Wetland and Aquatic Vascular Plants. (2-3-3) F-odd-numbered years. The study of the taxonomy and ecology of wetland and aquatic plants, emphasizing those occurring in the Midwest. Field trips required. Prerequisites: BIO 1200G and either BIO 3322 or BIO 3612.

4984 BIO Organic Evolution. (3-0-3) Fundamental principles of organic evolution stressing historical fact, evidences for and processes common to all biota. Prerequisite: BIO 1200G, 1300G, 3200, and senior-level standing. WI

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the Graduate Catalog.

BUSINESS

Undergraduate Courses

1000 BUS Introductory Business Seminar. (2-0-2) F, S. Overview of business including the relationship between business and society, the global business environment, and the functional areas of business. Emphasizes academic and professional development for students intending to pursue a career in business.

1950 BUS Computer Concepts and Applications for Business. (3-0-3) F, S. A study of computer concepts, including the information processing cycle, file organization, telecommunications, and operating systems and systems software. Applications software, including spreadsheets, databases, word processing, presentation graphics, computer communications, and operating systems with graphical user interfaces. Prerequisite: MAT 1270 or equivalent. **BUS 902**

2101 BUS Financial Accounting. (3-0-3) F, S. A study of the principles and procedures used to prepare and communicate financial information to the firm's managers and to external parties. Topics include the accounting principles, processes, and data systems used by service/manufacturing firms in the preparation, use and interpretation of financial statements. Prerequisite: Completion of 30 semester hours. **BUS 903**

2102 BUS Managerial Accounting. (3-0-3) The course examines the use of accounting information for decision making by managers of business organizations. Topics include cost terminology, product costing, quality management, profit planning, control of operations, segment reporting profitability analysis, and relevant costs for decision making. Students will use appropriate software, including spreadsheets, to organize and analyze information. Prerequisites: BUS 1950, and BUS 2101 with a grade of C or better. **BUS 904**

2275 BUS Internship in Business. (Arr.-Arr.-1-12) (Credit/No Credit) Monitored work or service experience requiring development and application of business knowledge and skills. Prerequisite: Completion of at least 30 semester hours and approval of Internship Learning Agreement by School of Business Chair or designee. Up to 12 hours of internship credit may be counted for graduation.

2710 BUS Survey of Finance. (3-0-3) F, S. This course provides an overview of the finance function and the basic concepts of financial institutions, financial management, and investments. The course is not open to Business Majors. Prerequisite: BUS 2101.

2750 BUS Legal and Social Environment of Business. (3-0-3) F, S. A study of the legal and social environment in which businesses operate, including structure and operation of legal institutions, development of common law and legislation, ethics and social responsibility, government regulation of business, contracts, and the international legal environment. Prerequisite: Completion of 30 semester hours or more. **BUS 913**

2810 BUS Business Statistics I. (3-0-3) F, S. Provides a working knowledge of descriptive statistics, probability distributions, hypothesis testing and simple correlation and regression. Includes the application of computer software to these techniques. Prerequisite: Sophomore standing. **BUS 901**

3010 BUS Management and Organizational Behavior. (3-0-3) F, S. Organization fundamentals: objectives, functions, structure and operational procedure, interpersonal relationships, control and motivation systems, and communications. Prerequisite: Junior standing.

3200 BUS International Business (3-0-3) F, S. An introduction to globalization and the cultural, economic, political, and legal environments of international business including an overview of risks, challenges, and opportunities of competing in the global marketplace. Prerequisites: BUS 2750, ECN 2801G, ECN 2802G; and declared major in the School of Business or CTE major with business education emphasis.

3470 BUS Principles of Marketing. (3-0-3) F, S. Marketing concepts including the analysis of the marketing environment and the strategic variables of product, price, distribution, and promotion. Prerequisite: Junior standing.

3500 BUS Management Information Systems. (3-0-3) F, S. An introduction to MIS by management level and functional area. Among the topics are types of information systems, approaches to systems development, and security. Prepackaged software will be used in case problem solving and simulation situations. Prerequisite: BUS 1950, junior standing, and admission to the School of Business or to a minor offered by the School of Business, or permission of Associate Chair. Not open to Management Information Systems majors.

3710 BUS Business Financial Management. (3-0-3) F, S. A practical framework for corporate financial decision-making. Topics include: acquisition, allocation, and management of funds and asset valuation methods. Prerequisite: BUS 2102, ECN 2802G, and junior standing or permission of the Chair, School of Business.

3950 BUS Operations Management. (3-0-3) F, S. Management of manufacturing and service organizations. Topics include decision making, forecasting, product and service design, location planning, process selection and capacity planning, layout, inventory management (IM), Just-in-time systems (JIT), material requirements planning (MRP), scheduling, project management and quality. Includes application of computer software solution techniques. Prerequisite: BUS 2810 and BUS 3010 and admission to the School of Business or to a minor offered by the School of Business or permission of the Associate Chair.

3970 BUS Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4360 BUS Strategy and Policy. (3-0-3) F, S. A comprehensive analysis of strategic management processes in organizations. This is the capstone course which requires expertise from the functional areas to develop broad concepts, theories and techniques to develop socially responsible strategies and policies in a global environment. Prerequisites: BUS 1950, 2101, 2102, 2750, 2810, 3010, 3470, 3500 (or ACC 3900 for accounting majors), 3710, 3950, senior standing and admission to the School of Business or permission of the Associate Chair. (Note: Management Information Systems majors are not required to take BUS 3500.)

4444 BUS Honors Independent Study. (Arr.-Arr.-1-3) On Demand. Intensive investigation of a topic – under the supervision of a School of Business faculty member – to develop business research proposal in preparation for business honors thesis. Prerequisites: Admission to the Business Honors Program and approval of written Honors Independent Study Proposal by chair, department honors coordinator, and supervising faculty member.

4555 BUS Honors Research. (3-0-3) On Demand. Study of business research methods and processes including defining research problems, collecting and analyzing data. Students will conduct a literature review and prepare a research proposal. Prerequisites: Admission to the Business Honors Program and approval of department honors coordinator.

4644 BUS Honors Thesis. (Arr.-Arr.-1-3) On Demand. Written thesis based on student's research under the supervision of a School of Business faculty member. Prerequisites: Admission to the Business Honors Program; BUS 4444 or BUS 4555; and approval of written Honors Thesis Proposal by chair, department honors coordinator, and supervising faculty member.

4740 BUS Independent Study (Arr.-Arr.-1-3) Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Prerequisite: Admission to the School of Business, Bus 3470, 3500, 3710, and 3950, senior standing, cumulative grade-point average of 3.0 or higher, consent of the supervising instructor and approval of a completed application by the Associate Chair, School of Business, prior to registration.

CAREER AND ORGANIZATIONAL STUDIES

Undergraduate Courses

1000 COS Portfolio Development. (1-0-1) (Credit/No Credit. Does not count toward graduation. Does not count in the cumulative GPA). Students receive instruction and practice in identifying and preparing written description of college-level workplace learning. Students learn to use portfolio guidelines and other reference materials. Structured learning experiences introduce students to processes used to develop portfolios. Prerequisite: Admission to the Career and Organizational Studies Major and three semester hours of Occupation Education course work or concurrent enrollment in a Career and Organizational Studies course.

3200 COS Occupational Experience. (Up to 30 sem. hrs.) Credit for documented experience in a teachable occupation or cluster of occupations. This is the designation for occupational credit earned or awarded for occupational proficiency.

3300 COS Occupational Subjects. (Up to 20 sem. hrs.) Credit is evaluated for occupational study in accredited and selected other programs such as technical institutes, occupational programs in junior colleges, proprietary schools, military technical schools, USAFI, Service Schools, and other Armed Services courses.

4275 COS Career and Organizational Studies Internship. (Arr.-Arr.-1-15 sem hrs.) (Credit/No Credit) Experience includes job skills and knowledge, management-worker relations, supervised instruction conferences and evaluations. One semester hour per semester, up to a maximum of 15 semester hours, will be awarded for directed work experience internships.

4300 COS Special Study in Career and Organizational Studies. (Arr.-Arr.-3) Provides opportunity for in-depth study of selected problems in occupational education for which there is not an established course. May be taken for credit only once. Prerequisite: Prior approval by the Director and assignment of an appropriate instructor.

Courses Open to Juniors, Seniors, and Graduate Students

4800 COS Strategies and Processes of Teaching and Training. (3-0-3) Application of strategies of teaching and training, presentation skills, lesson planning, and instructional technologies such as experiential learning, problem solving, simulation, computerized instruction, and lectures for vocational teachers and human resource development trainers.

4810 COS Principles of Career Development. (3-0-3) The nature, purpose, and philosophy of career education as it relates to the career development of individuals. Includes an overview of various levels of career development and the contributions various career development theories make to a total program of career development. Contemporary problems and issues in career development.

4820 COS Sociotechnical Design. (3-0-3) F. A study, from the worker's perspective, of how technology affects social processes in occupational environments; human resource development; sociotechnical and open system theories; diagnosing occupational systems; change strategies; and the worker's adaptation of occupational settings to changing environmental demands. Prerequisite: Three semester hours in psychology, sociology or management, or permission of the program coordinator. WI

4830 COS Organizational Perspectives: Past, Present and Future. (3-0-3) F. This course involves the study of the nature of organizations from varying perspectives including historical, philosophical, technological, psychological and sociological with prospects and directions for the future. Prerequisite: Six semester hours of education, sociology and/or history, or permission of the program coordinator. WI

4835 COS Supervision in Organizations. (3-0-3) F, S. The study of the theories, principles, and practices of supervision in organizations, emphasizing how supervisors organize an effective work unit, initiate change, stimulate individual or group performance, and cope with workplace dynamics. WI

4840 COS Training Program Development. (3-0-3) S. In-depth study of the establishment and operation of training programs of human resource development in the public or private sectors with emphasis on needs assessment, program design, proposal preparation, staffing, fiscal budgeting and monitoring, fiscal justification, program evaluation, impact assessment, and applied legalities.

4850 COS Special Topics in Career and Organizational Studies. (1-0-1) or (2-0-2) or (3-0-3) A study of special topics regarding: instructional systems design and development; emerging audio-visual technology such as interactive laser video, "distance" learning; advancing andragogical foundations of experiential learning, critical thinking and small group learning; human resource development; and other specialized topics as they emerge.

4860 COS Facilitating Learning and Project Groups. (3-0-3) People at all organizational levels accomplish their work alongside and through others. A fundamental workplace competency is the capacity to facilitate learning and project groups. Participants will practice facilitation principles and strategies, including how to deal with common facilitation problems. WI

4870 COS Developing Critical Thinking in the Workplace. (3-0-3) People in the workplace are increasingly expected to think critically about their work rather than simply follow a supervisor's instructions. Participants will explore and apply principles of critical thinking to the workplace, classroom, and training room. WI

4880 COS Productive Work Teams. (3-0-3) The multiple roles and responsibilities needed to function effectively in productive work teams are stressed by being a member of class teams and studying teams. This highly experiential, research-based, and applications-oriented course emphasizes assessment of self, team effectiveness, and organizational readiness for teams.

4890 COS Accelerated Learning and Training. (3-0-3) This researched-based, applications-oriented, highly experiential course connects research to practice by using accelerated learning (AL) principles to accelerate learning and training. Proven AL methods are practiced in the class. Brain-based research, learning theory, and AL best practices are used as the basis for designing and facilitating learning.

For graduate courses, see *the Graduate Catalog*.

CAREER AND TECHNICAL EDUCATION

Undergraduate Courses

1420 CTE Survey of Business Principles. (3-0-3) F, S. An introduction to the contemporary world of business. Not open to junior and senior B.S. in Business majors. **BUS 911**

2000 CTE Inquiry Into Teaching Career and Technical Education. (2-0-2) F, S. A classroom and field introduction to career and technical education teaching, including the role of the teacher; moral, ethical, and legal expectations; social and political context of schools and communities; business and industry trends that affect the discipline; and national and state school-to-work initiatives. Prerequisite: Thirty hours of completed course work.

2001 CTE Work-Based Learning. (1-0-1) F, S. An introduction to work-based learning as it relates to the teacher of Career and Technical Education. Credit will not be granted for both CTE 2000 and CTE 2001. Prerequisite: 30 hours of coursework and SED 2000 or its equivalent.

3000 CTE Consumers in the Marketplace. (3-0-3) F, S. Factors affecting personal and family financial management, including investments and savings, use of credit, insurance and taxes. Credit will not be granted for both CTE 3000 and FCS 3300.

3100 CTE Instructional Technology in Career and Technical Education. (3-0-3) The selection and use of appropriate technology needed in career and technical education for school and work environments.

3400 CTE Methods of Teaching Career and Technical Education. (3-0-3) F, S. This course covers methods of planning, instructional design, learning (including high-order, critical thinking skills), classroom management, recognizing the individual, and media and other instructional materials. Prerequisite: CTE 2000 and SED 3100 or 3330. WI

3401 CTE Seminar in Teaching Keyboarding and Computer Applications. (2-0-2) F, S. A seminar to discuss professionalism, curriculum, resources, and legislation as it relates to teaching keyboarding and computer applications. Prerequisite or Co-requisites: CTE 3400 and one year of junior/high school

keyboarding or one semester of college keyboarding, or demonstrated equivalency.

3402 CTE Seminar in Teaching Basic Business and Accounting. (2-0-2) F, S. A seminar to discuss teaching methods, content, textbooks, teaching materials, and visual aids in basic business and accounting. Prerequisite or Co-requisite: CTE 3400.

3403 CTE Seminar in Teaching Family and Consumer Sciences. (2-0-2) F, S. A seminar to discuss professionalism, curriculum, resources, and legislation as they relate to teaching Family and Consumer Sciences. Prerequisite or Co-requisite: CTE 3400.

3404 CTE Seminar in Teaching Technology. (2-0-2) F, S. A seminar to discuss professionalism, curriculum, resources, and legislation as it relates to technology. Prerequisite or Co-requisite: CTE 3400.

Courses Open to Juniors, Seniors, and Graduate Students

4913 CTE Organization and Administration of Cooperative Occupational Education. (3-0-3) F. Introduction to cooperative education programs, program needs, resources, constraints, public relations, and policy development are analyzed.

4923 CTE Coordination Techniques for Cooperative Occupational Education. (3-0-3) S. Methods and techniques for preparation of teacher coordinators. Student selection, training agreements, training plans, legal requirements, related class management, individualized instruction, and program evaluation are emphasized.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the Graduate Catalog.

CHEMISTRY

Chemistry 1040G is a one-semester course covering topics of contemporary interest for the non-science oriented student. It is particularly appropriate for use in meeting the Scientific Awareness General Education requirement.

For most other students, Chemistry 1310G (lecture) and 1315G (laboratory) are taken in the first semester, and Chemistry 1410 (lecture) and 1415 (laboratory) are taken in the second semester. Students who have had no high school chemistry should complete Chemistry 1040G prior to enrolling in Chemistry 1310G/1315G.

Note: Students in laboratory courses will be assessed a course fee for consumable materials. Students in these courses are required to purchase a pair of the goggles designated for use in chemistry labs. Suitable goggles are available in the bookstore.

Undergraduate Courses

1040G CHM The World of Chemistry. (3-2-4) An introduction to chemicals, chemical processes and chemical theories with an emphasis on how chemistry is used to explain and shape our world and condition. No credit toward the major or minor in chemistry, nor for a student who has credit in a previous laboratory-based course in college-level chemistry. **P1 903L**

1310G CHM General Chemistry I. (3-0-3) F, S. An introduction to fundamental chemical principles and related phenomena. Topics include: atomic and electronic structure, bonding, chemical composition, chemical reactions, gases, stoichiometry, and thermochemistry. Prerequisite: One year of high school chemistry or credit in CHM 1040G with a grade of C or better. Not recommended for those whose ACT mathematics score is less than 21 without prior completion of or concurrent enrollment in MAT 1271. CHM 1315G must be taken concurrently. **P1 902; EGR 961; BIO 906; CLS 906; CHM 911; NUR 906**

1315G CHM General Chemistry Laboratory I. (0-3-1) F, S. Experimental work illustrating chemical principles and concepts described in the companion lecture course. Prerequisite: Must be taken concurrently with CHM 1310G. **P1 902L; EGR 961; BIO 906; CLS 906**

1390G CHM General Chemistry I, Honors. (3-0-3) F. A introduction to chemical principles and their applications. Topics include: stoichiometry; atomic and electronic structure; bonding; properties of gases, liquids, solids, and solutions; thermochemistry. Prerequisite: One year of high school chemistry, intermediate algebra, and admission to the University Honors College. CHM 1395G must be taken concurrently. **P1 902; CHM 911; NUR 906**

1395G CHM General Chemistry Laboratory I, Honors. (0-3-1) F. Experimental work demonstrating chemical principles and their applications. Prerequisite: One year of high school chemistry, intermediate algebra, and admission to the University Honors College. Must be taken concurrently with CHM 1390G. **P1 902L WI**

1410 CHM General Chemistry II. (3-0-3) F, S. The second semester of the general chemistry sequence. Principles and applications of equilibrium, kinetics, thermodynamics, and electrochemistry. Prerequisite: CHM 1310G with a grade of C or better and CHM 1315G. CHM 1415 must be taken concurrently. **BIO 907; CHM 912; CLS 907; NUR 907**

1415 CHM General Chemistry Laboratory II. (0-3-1) F, S. Experimental work illustrating chemical principles and concepts described in the companion lecture course. Also includes an introduction to inorganic qualitative analysis. Prerequisite: CHM 1310G and 1315G. Must be taken concurrently with CHM 1410. **BIO 907; CHM 912; CLS 907; NUR 907**

1440 CHM. Chemistry Research Rotation. (Arr-Arr-1) S. Introduction to chemical research areas and techniques. Students will conduct research mini-projects in multiple chemistry research laboratories amongst different subfields of chemistry. May be repeated once if different faculty research labs are chosen. No credit toward major or minor in chemistry. Prerequisites: CHM 1310 and 1315 (or CHM 1390 and 1395) with grade of "A"; freshmen or sophomore standing; and permission of the department chairperson. Course may be repeated to a maximum of 2 hours.

1490 CHM General Chemistry II, Honors. (3-0-3) S. Principles of thermodynamics, kinetics, equilibrium and electrochemistry are elucidated and applied to relevant inorganic and organic chemical systems. Suitable for students in any program that requires two semesters of general chemistry. Prerequisite: CHM 1390G and 1395G, Honors, admission to the University Honors College. CHM 1495, Honors, must be taken concurrently.

1495 CHM General Chemistry Laboratory II, Honors. (0-3-1) S. Experimental work demonstrating chemical principles and their applications. Prerequisite: Admission to the University Honors College. Must be taken concurrently with CHM 1490, Honors. WI

2040G CHM Practical Chemistry. (3-0-3) S. The principle that molecular structure determines chemical and physical properties will be applied to materials encountered in daily life. The nature of chemical ingredients in common household products such as detergents, personal care items, medicines, etc., will be emphasized. No credit toward major or minor in chemistry.

2310 CHM Inorganic Chemistry I. (3-0-3) S. Physical and chemical properties of the elements and their compounds; basic coordination chemistry; properties of solids. Prerequisite: CHM 1410, 1415.

2430 CHM Survey of Organic Chemistry. (3-0-3) F, S. A survey of organic compounds organized by the principal functional groups. Structure, properties, reactions, and mechanisms are included. Prerequisite: CHM 1410, 1415. No credit toward the chemistry major or Track II of the chemistry minor or for students with prior credit in CHM 2440. Must be taken concurrently with CHM 2435. **BIO 908; CLS 908**

2435 CHM Survey of Organic Chemistry Laboratory. (0-3-1) F, S. Laboratory experiments illustrating the major concepts of CHM 2430. Prerequisite: Concurrent enrollment or prior credit in CHM 2430. No credit toward the chemistry major or Track II of the chemistry minor or for students with prior credit in CHM 2445. **BIO 908; CLS 908**

2440 CHM Organic Chemistry I. (3-0-3) F, S. The nomenclature and reactions of major types of organic compounds including alkanes, alkenes, alkynes, alkyl halides, and aromatic compounds; stereochemistry; mechanisms of organic reactions; spectroscopy of organic compounds. Prerequisite: CHM 1410, 1415. Chemistry majors must select CHM 2445 concurrently. **NUR 908**

2445 CHM Organic Chemistry Laboratory I. (0-3-1) F, S. An introduction to common laboratory techniques of organic chemistry. Representative reactions of alkanes, alkenes, alkynes, alkyl halides, and aromatic compounds; spectroscopy of organic compounds. Prerequisite: CHM 1410, 1415; concurrent enrollment or prior credit in CHM 2440. **NUR 908 WI**

2730 CHM Quantitative Analysis. (2-4-3) F, S. Theory and applications of gravimetric, volumetric, electrochemical, and spectrophotometric quantitative chemical analysis. Prerequisite: CHM 1410 with a grade of C or better and CHM 1415.

2840 CHM Organic Chemistry II. (3-0-3) F, S. Continued development of material from CHM 2440. Nomenclature and reactions of alcohols, ethers, epoxides, sulfides, aldehydes, ketones, amines, carboxylic acids, carboxylic acid derivatives; enolate reactions. Reaction mechanisms; spectroscopy; polymers; biological molecules. Prerequisite: CHM 2440 with a grade of C or better and CHM 2445. Chemistry majors should take CHM 2845 concurrently. **EGR 964; BIO 909; CLS 909**

2845 CHM Organic Chemistry Laboratory II. (0-3-1) F, S. Representative reactions of alcohols, ethers, aldehydes, ketones, amines, carboxylic acids, and carboxylic acid derivatives, employing multi-step syntheses and advanced techniques, with some molecular modeling. Strong emphasis on infrared and nuclear magnetic resonance spectroscopy and gas chromatography/mass spectrometry. Prerequisite: CHM 2440, CHM 2445; concurrent enrollment or prior credit in CHM 2840. **EGR 964; BIO 909; CLS 909 WI**

3000 CHM Undergraduate Seminar. (2-0-0) Audit Only. F, S. For junior chemistry majors. Prerequisite: Junior standing and completion of 15 semester hours of chemistry courses or permission of the instructor.

3001 CHM Undergraduate Seminar. (2-0-1) F, S. A thorough literature search of a recent development in chemistry and presentation of a talk based on this search. For juniors. Prerequisite: CHM 3000.

3100 CHM Practicum in Chemistry. (1-ARR-1) F, S. Formal introduction to chemical safety and practical experiences in preparing and handling chemical materials, managing a chemical stockroom and assisting in a chemistry laboratory course. Prerequisite: CHM 2730 with a grade of C or better. Students should complete CHM 3100 prior to student teaching. Enrollment is restricted to students in the Science with Teacher Certification program.

3200 CHM Cooperative Education in Chemistry. (0-0-1 to 4) (Credit/No Credit) May be repeated for up to 15 sem. hrs. Credit does not count toward the major in chemistry. Individually planned work experience in industry or government, supervised jointly by Chemistry faculty and the host institution. At least two work terms are required. Prerequisite: Minimum GPA of 2.50 and minimum combined GPA in Chemistry, Physics and Mathematics of 2.50; completion of sophomore year or two semesters of organic chemistry; and permission of department chairperson.

3300 CHM Survey of Biochemistry. (3-0-3) F, S. An introduction to the structure of biomolecules and their function in living cells, as well as a survey of metabolic pathways involving the breakdown and synthesis of sugars, lipids, nucleic acids, and proteins. Prerequisite: CHM 2430 and 2435 with a grade of C or better in both or CHM 2840 with a C or better. No credit toward the chemistry major. No credit for students with prior credit in CHM 3450.

3450 CHM Biochemistry I. (3-0-3) F. An introduction to the structure and function of proteins, lipids, carbohydrates, and nucleic acids as well as the central metabolic pathways of glycolysis, the tricarboxylic acid cycle, and oxidative phosphorylation. Prerequisite: CHM 2840 or concurrent enrollment therein. **CLS 910; NUR 910**

3455 CHM Biochemistry Laboratory. (0-6-2) S. Introduction to experimentation with biochemical systems, processes, and compounds including protein purification, enzyme kinetics, and recombinant DNA techniques. Prerequisite: CHM 2730 and 3450.

3460 CHM Biochemistry II. (3-0-3) S. A continuation of CHM 3450 covering catabolic and anabolic pathways involving lipids, carbohydrates, amino acids, and nucleic acids. The regulation of metabolism and the integration of metabolic pathways will also be covered. Prerequisite: CHM 3450 with a grade of C or better.

3500 CHM Introduction to Chemical Research. (1-0-1) F. (Credit/No Credit) An introduction to the ethical, safety, and public awareness aspects of research in chemistry; methods of searching for and retrieving chemical information from printed and electronic sources. Prerequisite: (CHM 2430, CHM2435) or (CHM 2440, 2445) or concurrent enrollment therein or 13 hours of chemistry or permission of the department chairperson.

3780 CHM Instrumental Analysis. (2-3-3) F. Instrument design and analytical applications for the techniques of UV-visible spectrometry, fluorescence spectrometry, flame photometry, atomic absorption spectrometry, polarography, coulometry, HPLC, and gas chromatography. Prerequisite: CHM 2730. WI

3910 CHM Chemical Thermodynamics and Kinetics. (3-0-3) F. A study of the principles governing chemical change, including thermodynamics and kinetics. Prerequisite: CHM 2730 (or concurrent enrollment therein); MAT 2442; PHY 1361 and 1362.

3915 CHM Physical Chemistry Laboratory. (1-4-2) S. Experimental investigation of the thermodynamic and kinetic behavior of several chemical systems. Prerequisite: CHM 3910 with grade of C or better. WI

3920 CHM Quantum Chemistry. (3-0-3) S. Introduction to the principles of quantum mechanics and their application to atoms, molecules, chemical bonding, and statistical thermodynamics. Prerequisites: CHM 2730 (or concurrent enrollment therein); PHY 1361 and 1362; MAT 2442.

3940 CHM Computer Programming in Chemistry. (1-3-2) S. Techniques in FORTRAN programming, data manipulation, curve fitting, numerical methods

and computer graphics are developed with emphasis on applications in chemistry. Prerequisite: CHM 3910 or permission of instructor.

4000 CHM Undergraduate Seminar. (2-0-0) Audit only. F, S. For seniors. Prerequisite: CHM 3001.

4001 CHM Undergraduate Seminar. (2-0-1) F, S. A thorough literature search of a recent development in chemistry and the presentation of a talk based on this search. For seniors. Prerequisite: CHM 4000.

4400 CHM Undergraduate Research. (Arr.-Arr.-1-6) Laboratory or theoretical research in which the student works under the supervision of a faculty member. A written report is required. Prerequisite: cumulative GPA of at least 2.50; permission of the instructor and department chairperson. Prerequisite or co-requisite: CHM 3500; May be repeated for credit.

4410 CHM Independent Study. (Arr.-Arr.-1-3) Intensive individual study on a topic in chemistry selected by the student under the supervision of an instructor. May be repeated for credit to a maximum of six hours. NOTE: A maximum of three semester hours credit may be applied to the major or minor in chemistry. Prerequisite: Permission of the department chairperson and instructor.

4444 CHM Honors Independent Study. (Arr.-Arr.-1-3) Intensive individual study on a topic in chemistry selected by the student under the supervision of the instructor and the departmental honors coordinator. NOTE: A maximum of three semester hours credit may be applied to Departmental Honors and the major in chemistry. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator, chairperson, and instructor.

4555 CHM Honors Research. (Arr.-Arr.-1-3) Research into an experimental or theoretical aspect of modern chemistry undertaken with close supervision of an honors faculty member. Written report required. NOTE: Two semester hours are required of students in the Departmental Honors Program. A maximum of three additional semester hours credit may be applied to Departmental Honors and the major in chemistry. Prerequisite or co-requisite: CHM 3500; Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator, chairperson, and instructor.

4644 CHM Honors Thesis. (Arr.-Arr.-3) Written thesis and oral presentation based upon a survey of the chemical literature and student's original research under close supervision of a chemistry honors faculty member. Required of students in the Departmental Honors Program. May not be repeated. Prerequisite: A minimum of two credit hours in CHM 4555; admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator, chairperson, and instructor.

4666 CHM Honors Seminar. (1-0-1) On Demand. Directed reading and group discussion of advanced topics from a variety of sources including both classical and recent chemical research papers. Required of students in the Departmental Honors Program. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator, chairperson and instructor.

Courses Open to Juniors, Seniors, and Graduate Students

4750 CHM Environmental Chemistry. (3-0-3) On Demand. The chemistry of environmental processes and chemical contaminants in the hydrosphere, atmosphere, and biosphere; the impact of energy generation on the global environment; the toxicology of specific chemical compounds. Prerequisite: CHM 2730; CHM 3910 or permission of the instructor. CHM 3450 recommended.

4770 CHM Molecular Spectroscopy. (1-6-3) F. Use of pulsed nmr, Fourier transform infrared, Raman, vibronic absorption, and time resolved laser induced fluorescence spectroscopy to determine molecular structure, force fields, and the dynamics of molecular motion and energy transfer processes. Prerequisite: CHM 3915 and 3920 or 5300 or concurrent enrollment in CHM 5300. WI

4790 CHM Medicinal Chemistry. (3-0-3) On Demand. Basic principles of pharmacology, drug-receptor interaction, physicochemical properties as related to biological activity; synthesis of medically important molecules including strategic considerations. Prerequisite: CHM 2840 or permission of instructor.

4800 CHM Selected Topics in Chemistry. (Arr.-Arr.-1-3) On Demand. A course in a selected area of chemistry. May be repeated for credit if a different topic is taught. Prerequisite: CHM 3910 or permission of the instructor.

4860 CHM Biochemistry III. (3-0-3) F. Topics may include protein structure and function, enzyme mechanisms, transcription, DNA replication, regulation of DNA expression, and cellular signaling pathways. Prerequisite: CHM 3460.

4900 CHM Inorganic Chemistry II. (3-0-3) F. Bonding, structures, and reactivity of inorganic, organometallic, and bioinorganic compounds. Prerequisite: CHM 2310, 3910, and 3920.

4905 CHM Inorganic Chemistry Laboratory. (0-6-2) F. A laboratory course emphasizing modern techniques in inorganic research including those for synthesis and characterization of important classes of inorganic compounds, kinetics studies, and photochemistry. Prerequisite or co-requisite: CHM 4900. WI NOTE: This course will be deleted, effective Spring 2008.

4915 CHM Advanced Laboratory. (1-6-3) S. An interdisciplinary laboratory course featuring experiments in inorganic, organic, and organometallic chemistry. Experiments will emphasize advanced techniques of chemical research, including the synthesis and characterization of important classes of inorganic, organic, and organometallic compounds. Prerequisites: CHM 2845, 3780, 3915, and 4900. WI

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the Graduate Catalog.

CLINICAL LABORATORY SCIENCE

Undergraduate Courses

The following courses are open only to those who have been admitted to the Clinical Laboratory Science Program:

4000 CLS Clinical Chemistry I. (4 to 6) Theory and practice of analytical biochemistry as applied to pathologic states, methodology, and instrumentation. Mathematics and statistics involved in reagent preparation, result determination and quality control are included.

4005 CLS Clinical Chemistry II. (3 to 5) Theory and practice of analytical biochemistry as applied to urine and body fluids, including specialized tests for drugs and endocrine functions.

4010 CLS Clinical Hematology. (4 to 6) Study of the origin, development, morphology, physiology, and pathophysiology of the formed elements of the blood and bone marrow. Manual and automated hematological procedures used in diagnosis of diseases are included.

4020 CLS Clinical Hemostasis. (1 to 2) Study of the platelet, vascular, coagulation, and fibrinolytic systems related to disease states and therapeutic monitoring.

4030 CLS Clinical Immunohematology. (3 to 5) Study of red cell antigen-antibody systems, antibody screening and identification, compatibility testing, and immunopathologic conditions. Donor requirements and blood component preparation and theory are included.

4040 CLS Clinical Immunology. (2 to 3) Study of the protective and adverse aspects of cellular and humoral immune responses. Theory, test procedures based on antigen-antibody reactions, and analysis of clinical significance of test results are included.

4050 CLS Clinical Microbiology I. (5 to 6) Theory and practice of the isolation and identification of pathogenic bacteria and myco-bacteria through culture specificity, morphology, biochemical and/or serological reactions, and drug susceptibility. Clinical testing is related to disease states.

4055 CLS Clinical Microbiology II. (2 to 3) Theory and practice of the isolation and identification of fungi, animal parasites, rickettsia, and viruses, utilizing morphological, cultural, biochemical, and serological methods. Clinical testing is related to disease states and epidemiology.

4060 CLS Special Topics in Clinical Laboratory Science. (1) Overview of medical ethics, patient approach, theory and practice of phlebotomy techniques, laboratory safety, applications of laboratory computer systems, and clinical research methods.

4070 CLS Clinical Management and Education. (1) A basic introduction to the principles and theory of management and education as related to the clinical laboratory. The special responsibilities of the clinical laboratory scientist in management and education are addressed.

COLLEGE OF SCIENCES

Undergraduate Courses

3100 CSC Global Threats and Problems. (3-0-3) S. An interdisciplinary study of current global problems. Four different social scientific approaches will be used to analyze complex questions regarding the survival of humanity given current threats to our environments, cultures, geopolitical affiliations, and

socioeconomic structures. Topics may include famine, terrorism, information control, and disease, among others. Course may not be repeated. Cross-listed with ECN/GEG/PLS/SOC 3100.

COMMUNICATION DISORDERS AND SCIENCES

Undergraduate Courses

For information on admission to the major and access to upper division CDS courses, see the description of the Communication Disorders and Sciences major in the "College Descriptions and Program Requirements" section of this catalog.

2000 CDS Introduction to Communication Disorders and Sciences. (1-0-1) F, S. An overview of the profession, scope of practice, work settings, research applications to clinical practice, and impact of communication disorders. Topics will be addressed using interactive seminar format with portfolio assessment. WI

2100 CDS Phonetics and Phonological Development. (3-1-3) S. A study of the physiologic and acoustic bases of phonemes in the English language. The course will include transcription skills of the International Phonetic Alphabet. This course develops an understanding of normal, culturally different and disordered phonological systems through the lifespan.

2200 CDS Language Acquisition. (3-0-3) F, S. Theoretical foundation for defining language, the major components of language and normal acquisition sequences from infant precursors through early childhood and adolescence. Patterns of normal acquisition as a guide for evaluation of developmental disorders are presented.

2500 CDS Anatomy and Physiology of the Speech, Language, Swallowing, and Hearing Mechanism. (3-0-3) F. Study of the basic neurological, anatomical and physiological processes of speech, language, swallowing and hearing.

2800 CDS Speech Science. (3-1-3) S. Application of basic acoustic and physiologic information to normal speech in the areas of respiration, phonation, resonance and articulation. Prerequisite: CDS 2500 or permission of the department chair.

3100 CDS Phonological Assessment and Remediation. (3-0-3) F. Study of the diagnostic evaluation and intervention techniques for functional phonological disorders. Assessment and remediation procedures include options within phonological rule-based and traditional motor-production approaches. Prerequisite: Admission to the major, CDS 2100.

3200 CDS Developmental Language Disorders. (3-0-3) F. Study and application of the causes of language disorders and the assessment and intervention strategies applied to language disordered children in early, middle, or later stages of language development in both major and minority cultures. Prerequisite: Admission to the major, CDS 2200; or permission of the chair.

3500 CDS Neurological/Embryological Aspects of Communication. (3-0-3) S. Study of the neurological and embryological process of human communication. Prerequisite: Admission to the major, CDS 2500, or permission of the Chair.

3700 CDS Diagnosis and Treatment of Communication Disorders. (3-0-3) F. Study of general diagnostic principles and techniques including case history development and speech mechanism exams, general treatment principles and paradigms, and clinical report writing. Prerequisites: Prior completion or concurrent enrollment in CDS 3100, CDS 3200; Admission to the Communication Disorders and Sciences major.

3900 CDS Introduction to Clinical Techniques in Communication Disorders. (1-1-1) F, S. An introduction to a variety of methodologies used in the management of communication disorders. Through the lab activities, students will observe and evaluate clinical sessions. Students will complete 25 hours of pre-clinical observation in this course. This course is graded A, B, C, N/C. Prerequisite: Prior completion or concurrent enrollment in CDS 3100, CDS 3200, CDS 3700; Admission to the CDS major. WI

4300 CDS Introduction to Audiology. (3-0-3) F. The purpose of this course is to provide an overview of audiologic assessment and associated hearing disorders and to review the necessary hearing science principles. Prerequisites: Admission to the major, CDS 2500 and 2800; or permission of the Department Chair.

4350 CDS Aural Rehabilitation. (3-0-3) S. To acquire knowledge concerning hearing impairment and its impact on speech and language characteristics of children and adults. The student will learn tests and techniques which are fundamental to the rehabilitation and management of the hearing impaired person. Prerequisite: Admission to the major, CDS 4300; or permission of the department chair.

4644 CDS Honors Thesis. (Arr.-Arr.-3) (Replaces six semester hours of electives.) (May be repeated to a maximum of six semester hours). Original research in speech, language, or hearing science. A written report and oral presentation are required. Prerequisite: Prior completion or concurrent enrollment in CDS 4666; Admission to the Department Honors Program in Communication Disorders and Sciences and permission of the department honors coordinator and department chair. WI

4666 CDS Honors Seminar. (Arr.-Arr.-3) S. Reading and discussion of original research projects in speech, language, or hearing science. Attendance at presentations of original research. Prerequisite: Admission to the Department Honors Program in Communication Disorders and Sciences and permission of the department honors coordinator and department chair.

Courses Open to Juniors, Seniors, and Graduate Students

4760 CDS Voice Production and Disorders. (3-0-3) F. Study of the normal voice function and the etiology and remediation of functional and organic voice disorders: pitch, intensity, quality, resonance, dysphonia, laryngectomy. Prerequisite: CDS 2500, 2800; Admission to the major or permission of the instructor.

4800 CDS Communication Modalities. (3-1-3) S. Course will provide information on expressive, nonverbal communication systems (sign language, and alternative and augmentative communication). These areas represent communication modes relevant to the practice of speech-language pathology. The lab will provide performance-based application activities. Prerequisite: CDS 3100, 3200, 3700, or permission of the Department Chair.

4820 CDS Language and Literacy. (2-0-2) S. Course will address the oral-to-written language connection and the role of the speech pathologist in facilitating development of literacy skills. Assessment and intervention techniques will be included. Prerequisites: Admission to the major, CDS 3100, 3200, 3700; or permission of the chair.

4850 CDS Independent Study. (Arr.-Arr.-1 to 6) (May be repeated to maximum of six semester hours.) Independent directed study in speech, language, or hearing processes or disorders. Prerequisite: Admission to major and permission of department chair.

4900 CDS Clinical Practice. (Arr.-Arr.-1) F, S. (Credit/No Credit) Supervised work with persons with a communication disorder. Prerequisite: Admission to the major, CDS 3100, 3200, 3700, 3900; a major GPA of 2.75 and a cumulative GPA of 2.50; or permission of the department chairperson. May be repeated for a maximum of 2 semester hours with permission of the Department Chair. This course is available during Summer Session only with permission of the department chair.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior only with approval of the Department Chair, instructor, and Dean of the Graduate School. Courses numbered 5500 and above are open only to students who have been admitted to the Graduate School. For graduate courses, see the Graduate Catalog.

5000 CDS Research Methods in Communication Disorders and Sciences. (3-0-3) Introduction to descriptive and experimental research design in the field of communication disorders and sciences. Students will use research methods knowledge to find and critically evaluate therapy efficacy and treatment outcome research literature. Students will design and implement a clinical research project.

COMMUNICATION STUDIES

Undergraduate Courses

1310G CMN Introduction to Speech Communication. (3-0-3) (Graded A, B, C, N/C) Fundamental principles of selecting, analyzing, evaluating, organizing, developing, and communicating information, evidence, and points of view orally. The course includes instruction in techniques of listening and informative, persuasive, and reactive speaking. NOTE: A grade of "C" or better in ENG 1001G, ENG 1002G, and CMN 1310G or in accepted substitutions is a requirement for the Bachelor's degree at Eastern as well as a General Education requirement. C2 900

1390G CMN Introduction to Speech Communication, Honors. (3-0-3) (Graded A, B, C, N/C) Fundamental principles of selecting, analyzing, evaluating, organizing, developing and communicating information, evidence, and points of view orally. The course includes techniques of listening and informative, persuasive, and reactive speaking. Prerequisite: Admission to the University Honors College. C2 900

2010 CMN Introduction to Communication Theories. (3-0-3) On Demand. A survey of communication theories in rhetorical, public, interpersonal, organizational, and mediated contexts.

2020 CMN Communication Research. (3-0-3) On Demand. Students are introduced to the speech communication discipline through encountering its

publications and resources. Students will be instructed in APA writing style, research methods, and major areas of study and inquiry. Students must complete abstracts and a literature review. WI

2030 CMN Applied Communication. (3-0-3) On Demand. Study of communication principles and skills in applied contexts. Skills emphasized include public performance/presentations; teams, meetings, and project management; leadership and decision-making. Use and implications of new technologies are also addressed.

2040 CMN Argumentation and Critical Thinking. (3-0-3) On Demand. Study of how to build, critique, and adapt arguments within a climate of disagreement. Practice in gathering and evaluation of evidence, selection and evaluation of reasoning, and the production, criticism and refinement of both oral and written arguments. **SPC 913**

2520 CMN Introduction to Mass Communication. (3-0-3) On Demand. Survey of the origin and growth of the media, the social basis of radio, TV, and motion pictures and the physical nature of mass communications systems.

2525 CMN Electronic Production I. (1-4-3) (F,S) On Demand. Students receive an overview of the electronic media and learn basic audio and video production theories and techniques. Emphasis is on studio production. Students will be required to complete laboratory hours at WEIU-TV and/or WEIU-FM. Credit will not be awarded if the student has already received credit for CMN 3520 or CMN 3540.

2550 CMN Broadcast Announcing. (2-2-3) On Demand. A competency-based introduction to the process and problems of working with microphones in any "broadcasting" situation. Work will include diction and delivery techniques for broadcasting in addition to a study of microphone types, characteristics, and usages. **MC 918**

2575 CMN Electronic Production II. (1-4-3) On Demand. Students learn theories and techniques of audio and video production, with an emphasis on field production, post-production, and broadcast news. Students will be required to complete laboratory hours at WEIU-TV and/or WEIU-FM. Prerequisite: CMN 2525 or permission of instructor.

2630 CMN Introduction to Interpersonal Communication. (3-0-3) On Demand. Language and behavior analysis serve as a vehicle for exploring interpersonal communication through lecture and discussion. Students are exposed to principles of human communication with special emphasis placed on critical thinking as a tool for improving everyday communication skills and avoiding misunderstandings. **SPC 921**

2650 CMN Introduction to Organizational Communication. (3-0-3) On Demand. Introduction to communication in organizations. Includes basic theories, structures and functions of communication in business and professional settings. Effective leadership, decision making, and management of communication techniques.

3100 CMN Persuasion. (3-0-3) On Demand. This class will study symbolic communication intended to influence beliefs, attitudes, values, and behaviors. The course will focus on the critical assessment of persuasive messages, with additional attention to the theories and research behind persuasive message construction. **SPC 912**

3200 CMN Introduction to Rhetoric and Social Critique. (3-0-3) On Demand. The analysis of persuasive messages from a variety of mediums. Practice in the application of various critical perspectives to the analysis of persuasive messages. WI

3210 CMN Rhetorics of Protest, Movement, and Resistance. (3-0-3) On Demand. Focused on western rhetorics of resistance from the 19th Century to the present, this course offers a survey of "texts" including speeches, manifestos, poetry, music, photographs, embodied protests, films, documentaries, websites, and coercive actions in an effort to analyze the rhetorical nature of social movement and change. WI

3220 CMN Communication, Race and Ethnicity. (3-0-3) On Demand. This course examines the relationship between communication, race, and ethnicity in public discourse. Students will study rhetorical constructions of race and ethnicity and the ways in which those constructions embody and respond to social relations and power. WI

3230 CMN Advanced Public Speaking. (3-0-3) On Demand. Principles and techniques of audience analysis, topic analysis and preparation, communication theories, and performance and evaluation. Prerequisite: CMN 1310G. **SPC 911**

3240 CMN Religion in the American Public Sphere. (3-0-3) On Demand. This course will explore the intersection of religion and public discourse in the political, social, and cultural spheres of the United States. The course will examine the extent to which religious ideas and language influence our

collective identities and our ability to conceptualize various social, cultural, political, and ethical issues. WI

3250 CMN Rhetoric, Democracy, and the Public Sphere. (3-0-3) On Demand. This course will examine the relationship between rhetoric, publics, and counterpublics in a diverse democracy. Students will examine rhetorical theories of argumentative spheres (private, technical, and public spheres) and critique public and counterpublic discourses. WI

3260 CMN Rhetorics of Class and Social Mobility. (3-0-3) On Demand. Rhetorics of social mobility influence nearly every aspect of U.S. public culture ranging from school zoning and sex education to political candidates and social policy. This course examines the moralizing force of such class-based rhetorics. WI

3270 CMN Communication and Popular Culture. (3-0-3) On Demand. This course will examine texts normally not thought of as persuasive in an effort to examine how popular culture, as manifested through various forms of discourse, exerts influence on various audiences. WI

3300 CMN Interviewing. (3-0-3) On Demand. This writing intensive course is designed for students to become thoroughly knowledgeable in the process of interviewing in various contexts. Students will engage in projects related to each context and demonstrate expertise via several interview projects and major research papers. WI

3400 CMN Teaching Speech. (3-0-3) F. Study of problems, methods, and materials, in teaching oral communication; teaching and directing co-curricular activities. Thirty clock hours in pre-student teaching are required. Prerequisites: Educational Psychology 3325 and SED 3330; for ASEP, SED 3000 and 3100.

3470 CMN Small Group Communication. (3-0-3) On Demand. An analysis of theoretical constructs in group dynamics, leadership, participation, and evaluation of group performance. Prerequisite: CMN 2030 or Permission of Instructor.

3500 CMN Electronic Media Relations. (2-2-3) On Demand. An exploration of the electronic media tools used by public relations professionals and communication strategies employed to establish credible relationships with the press.

3520 CMN Radio Production. (1-4-3) On Demand. Study of equipment and techniques involved in producing radio programs; announcing, scripting, writing, and producing. Practical experience in a variety of production experiences. Students will be required to complete laboratory hours at WEIU-FM. Prerequisite: CMN 2525, 2550. **MC 915**

3530 CMN Film Communication. (3-2-4) Film as the expression of the performers, producers, directors, writers, and technicians. Critical discussion of film theory, history, and criticism. WI

3540 CMN Video Production. (1-4-3) On Demand. The study and practice of the production of video programs, including scripting, producing, and basic directing. Practical experience in a wide variety of production exercises. Prerequisite: CMN 2525 or Permission of Instructor. **MC 916**

3560 CMN International Communication. (3-0-3) On Demand. Examines cultural, social, political, economic, and regulatory dimensions of international communication media: topics include nation, nationalism, culture, and communication; comparative studies of international media systems; communication and development; international relations, diplomacy, and the media; the rise of global culture; cultural autonomy and globalization Prerequisite: CMN 2520

3570 CMN Topics in Media History. (3-0-3) On Demand. Topics in Media History provides an in-depth study of the history of one particular medium (e.g. film, radio, television, or the internet). It will cover the development of media technology, the structure of media institutions and their regulation, and the social and cultural significance of these media. This class is repeatable with change in topic. Prerequisite: CMN 2520.

3610 CMN Broadcast News Writing. (2-2-3) On Demand. Emphasis will be placed upon fitting news copy and coverage to station requirements and audience needs in varying market situations. This course will include news gathering, analysis, editing, and rewriting of wire service copy for broadcasting. Cross-listed with JOU 3610. Prerequisite: JOU 2101 or CMN 2575, or permission of instructor. Credit not granted for both JOU 3610 and CMN 3610. WC

3620 CMN Electronic News Gathering. (2-2-3) On Demand. A study of the electronic news gathering process, editing, presentation and evaluation for radio and television. Creation of special programs for WEIU. Cross-listed with JOU 3620. Prerequisite: CMN/JOU 3610 or permission of instructor. Credit not granted for both JOU 3620 and CMN 3620.

3650 CMN Communication in Organizations. (3-0-3) On Demand. A study of the impact of organizational structure on communication practices and processes. Examines issues relevant to the effective management of communication in organizations. Prerequisite: CMN 2650 or permission of instructor. WI

3660 CMN Communication and Conflict Management. (3-0-3) On Demand. This course studies interpersonal conflict from a communication perspective. It examines the forces that generate conflict and the techniques that can be used to manage those forces. WI

3710 CMN Intercultural Communication. (3-0-3) On Demand. Overview of culture and communication on regional, national, and international levels. Examines ways in which cultures respond differently to business, education, and health care contexts. Explores how culture influences perceptions and communication, and provides guidelines for effective intercultural communication. Prerequisite: CMN 2630 or permission of instructor. SPC 916

3750 CMN Computer Mediated Communication I. (3-0-3) On Demand. This course explores the role of message construction and delivery strategies in effective communication in technological environments. Prerequisite: CMN 2030.

3752 CMN Computer Mediated Communication II. (3-0-3) On Demand. This course explores the role that communication systems, structures, and applications have in the delivery of effective mediated messages. Prerequisite: CMN 2030 and CMN 3750.

3900 CMN Directing Forensic Activities. (3-0-3) On Demand. Designed to prepare those entering the field of speech education on the secondary and college levels to direct an extracurricular forensics program. Prerequisite: CMN 2320 and 2040 or permission of instructor.

3903 CMN The Rhetoric of Women. (3-0-3) On Demand. Study of the issues relevant to the Women's Movement and the answers given by women through public communication. WI

3910 CMN Communication in Health Professions. (3-0-3) F. A study of the role communication plays in the health professions including an examination of the health professions and the application of speaking, listening, interpersonal, small group, organizational, and mass communication skills and concepts to health careers. Cross-listed with HST 3910.

3920 CMN Public Relations in Society (3-0-3) On Demand. A study of the impact public relations has in society with major emphasis on providing information to the media (publicity), establishing mutually beneficial relations (employee, consumer and community relations), and serving as the organization's conscience (counseling). Credit will not be given for both CMN 3920 and JOU 3920.

3940 CMN Advertising: Theory and Practice. (3-0-3) On Demand. A broad review of the research and practice associated with advertising, organization of the advertising industry, role of advertising in promotion, types of advertising, and various media vehicles. Evaluation of media in relationship to marketing objectives and critical analysis of advertising processes. Prerequisite: CMN 3100.

3950 CMN Conference and Event Planning. (1-4-3) On Demand. This course is designed to introduce students to the basic concepts and principles of conferences and event planning management. It is an applied course designed to introduce students to the planning process, sponsorships, promotion, and creative strategies that are part of events. Prerequisite: CMN 2650

3953 CMN Perspectives on Sports and the Media. (3-0-3) On Demand. An examination of the impact sports and the mass media have had and are continuing to have on each other. Focus on the history of sportswriting and sportsbroadcasting and the state of these fields today. Cross-listed with JOU 3953. Prerequisite: ENG 1001G and ENG 1002G; JOU 2001 or CMN 2520 or permission of instructor.

3960 CMN Advocacy and Message and Design. (3-0-3) On Demand. This course is intended to introduce students to advocacy and message design. It is an applied course designed to develop essential writing skills for a career in advertising, corporate communication, public relations or other areas in communication. WI

3970 CMN Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4000 CMN Independent Study. (Arr.-Arr.-3) On Demand. Consideration of special problems in communication and communication education. Student presents individual study plan for researching history, theory, and/or practice of oral communication. Prerequisite: Permission of the chair and 2.75 grade-point average. Only six hours of credit can be counted in any combination of CMN 4000, 4275 and 4375 for a single option.

4030 CMN Seminar. (3-0-3) On Demand. Seminar in topics which are not covered in the course offerings of the Department of Communication Studies. More than one section in more than one topic possible each semester. May be repeated when topics vary, with up to six hours applied toward the major. Prerequisite: Permission of the chair or instructor.

4275 CMN Internship. (Arr.-Arr.-1-12) On Demand. (Credit/No Credit) On-the-job experience in a firm or organization approved by the department. To be taken Credit/No Credit, but not to count against the maximum of 12 semester hours in Credit/No Credit option. Prerequisite: 12 hours of CMN courses, permission of internship director, acceptance by firm, and a cumulative 2.75 G.P.A., or 3.0 within the major. Only six hours of credit can be counted in any combination of CMN 4000, 4275 and 4375 for a single option.

4375 CMN Practicum. (Arr.-Arr.-1-3) On Demand. (Credit/No Credit) Students apply communication skills in a leadership and supervisory role. May be repeated for a total of up to 3 semester hours credit with a minimum of 40 contact hours for each semester hour of credit. Prerequisite: 12 hours of CMN courses, permission of instructor, permission of chair, 2.75 cumulative G.P.A. or cumulative 3.0 SPC G.P.A. Only six hours of credit can be counted in any combination of CMN 4000, 4275 and 4375 for a single option.

4420 CMN Mass Media Advertising-Sales. (3-0-3) On Demand. A study of theory, ethics, and legal implications of mass media advertising to include analysis of marketing problems and the role of advertising in their solution. Prerequisite: CMN 2520 and 2650 or permission of instructor.

4444 CMN Honors Independent Study. (3-6) On Demand. Consideration of special topics in speech communication. Student presents a prospectus for researching history, theory, and/or practice of oral communications. Prerequisite: Admission to the Departmental Honors Program and permission of Honors Coordinator.

4500 CMN Topics in Electronic Media Production. (2-2-3) On Demand. A detailed examination of specific theories and practices related to electronic media production. Specific topics will vary according to student demand, availability, and interest of faculty. May be repeated with a change in course content. Prerequisite: CMN 2525 and CMN 3520 or CMN 3540 or permission of instructor.

4540 CMN Advanced Video Production. (1-4-3) On Demand. This course deals with the principles of preproduction planning, scripting, lighting, and audio and video mixing for studio and remote television productions as unified by the television director. Prerequisite: CMN 3540 or permission of instructor.

4555 CMN Honors Research. (3-6) On Demand. In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Any methodology may be utilized. Prerequisite: Admission to the Departmental Honors Program and permission of Honors Coordinator.

4644 CMN Honors Thesis. (3) On Demand. Intensive research in preparation of a thesis on a topic in speech communication approved by a faculty supervisor and the Department Honors Coordinator. May not be repeated. Prerequisite: Admission to the Departmental Honors Program and permission of Honors Coordinator.

4650 CMN Simulation in Organizational Communication. (3-0-3) On Demand. Simulation in Organizational Communication offers students the unique opportunity to participate actively in their learning with a corporate simulation designed especially for communication students. Prerequisite: CMN 2650 and 3650 or permission of instructor.

4651 CMN Communication Training: Theory and Practice. (3-0-3) On Demand. An examination of how communication theories are used in the training environment. Emphasis is placed on the principles related to design, content, and delivery of programs that result in communication knowledge and skill development. Prerequisite: CMN 2030, 2650, 3470 and 3650 or permission of instructor.

4666 CMN Honors Seminar. (Arr.-Arr.-3-6) On Demand. Areas of investigation which require integration of speech communication concepts and research will be treated, e.g., effects of mass communication, criticism of speakers or media, evaluation of communication techniques. Prerequisite: Admission to the Departmental Honors Program and permission of Honors Coordinator.

4700 CMN Rhetoric, Identity and Social Responsibility. (3-0-3) On Demand. The public exchange of ideas is an important and contested element of civic life. This class will offer an historical survey of scholars, writers and citizens who have theorized about the rhetorical process. Prerequisites: CMN 2040, CMN 3100. WI

4740 CMN Theories of Human Communication. (3-0-3) On Demand. An examination of contemporary theories and models.

4749 CMN Senior Portfolio. (Arr.-Arr.-0) Audit Only. On demand. Students demonstrate competency in the major through submission of a senior portfolio. Portfolio requirements and submission time line are available from the department office. Prerequisite: Senior Standing.

Courses Open to Juniors, Seniors, and Graduate Students

4750 CMN Contemporary Approaches to Mass Communication. (3-0-3) On Demand. Survey of legal procedures of broadcast law, a survey of audience analysis, the structure of mass communications audiences, propaganda, communication networks, social and self-regulation of the media, and current research. Prerequisite: CMN 2520 or graduate standing or permission of instructor.

4765 CMN Communication in Families. (3-0-3) On Demand. An examination of communicative structure, function, and process among family members. The family system as a whole and major sub-systems (parent-child, siblings, spouses) are explored. Emphasis is on the role of communication in the construction, maintenance, and change of family relationships throughout the family lifecycle.

4700 CMN Rhetoric, Identity and Social Responsibility. (3-0-3) On Demand. The public exchange of ideas is an important and contested element of civic life. This class will offer an historical survey of scholars, writers and citizens who have theorized about the rhetorical process. Prerequisites: CMN 2040, CMN 3100. WI

4770 CMN Television Criticism. (3-0-3) On Demand. Students use rhetorical, economic, and aesthetic approaches to analyze and evaluate television. Lecture, discussions, selected viewings, intensive writing and examinations. WI

4780 CMN Communication and Culture. (3-0-3) On Demand. This course provides an overview of key theories, concepts, and approaches to the study of communication and culture as practiced in communication. It covers the history of the academic study of communication and culture, the application of critical methods, cultural studies and communication, and the study of social relations, power and communication. Prerequisite: CMN 3200 or CMN 3270 or CMN 3560 or graduate standing. WI

4800 CMN Voices of Democracy. (3-0-3) On Demand. Study of competing points of view on a series of critical issues of the Twentieth Century. WI

4820 CMN Political Communication. (3-0-3) On Demand. This course examines the interactive role between public communication and politics. Students will study how communication is involved in the various aspects of campaigning for and fulfilling the duties of public office.

4850 CMN Topics in Computer Mediated Communication. (3-0-3) On Demand. A detailed examination of specific theories and practices related to communication technology. Specific topics will vary according to student demand, availability, and interest of faculty. May be repeated with a change in course content. Prerequisite: CMN 2030, 3750 and 3752 or permission of instructor.

4910 CMN Applied Health Communication. (3-0-3) S. An examination of applied health communication in the interpersonal, organizational, and mediated contexts. Emphasis is on higher order application of skills from different occupational perspectives. Cross-listed with HST 4910. Prerequisite: CMN/HST 3910 or permission of instructor.

4919 CMN Public Relations Techniques. (3-0-3) On Demand. Effective techniques of a public relations program including basic concepts and principles of the public relations profession, the roles and functions, planning, managing, and executing campaigns. Prerequisite: CMN 3100, 3960, and senior standing. Credit will not be given for both CMN 4919 and JOU 4919.

4920 CMN Case Studies in Public Relations Problems. (3-0-3) On Demand. Public relations case problems in industry, business, labor, education, government, social welfare and trade associations; the application of public relations techniques. Prerequisite: CMN 4919 or permission of instructor. Credit will not be given for both CMN 4920 and JOU 4920.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the Graduate Catalog.

EARTH SCIENCE

(Offered in the Department of Geology and Geography)

Undergraduate Courses

1300G ESC Introduction to Earth Sciences. (3-2-4) An introduction to earth processes, resources, rocks, minerals, maps, time, and plate tectonics. The interaction of natural processes in the physical environment and human activity will be discussed. Cross-listed with GEL 1300G. Lab work and field trip are required. **P1 907L**

1390G ESC Introduction to Earth Sciences, Honors. (3-2-4) On Demand. Study of the planet Earth as a system consisting of the lithosphere, hydrosphere, and atmosphere. Emphasis on how processes occurring within the solid, liquid, and gaseous portions of the Earth system act to influence its surface. Field trips and short papers will stress scientific communication skills. Cross-listed with GEL 1390G. Prerequisite: Admission to the University Honors College. WI

1400G ESC Weather and Climate. (3-2-4) F, S. This course provides a basic understanding of global weather and climate processes. It emphasizes prominent theoretical and applied aspects of the atmosphere that affect our everyday life. Topics covered also include contemporary issues such as weather analysis, severe weather, weather forecasting, and climate change. **P1 905L**

1490G ESC Weather and Climate, Honors. (3-2-4) On Demand. An introduction to the study of the atmosphere and its processes. Topics include: atmospheric structure and composition, weather elements, climatic change, and interactions between man and the atmosphere. Research papers and field trips required. Prerequisite: Admission to the University Honors College. **P1 905L WI**

2420 ESC Regional Geomorphology. (2-2-3) On Demand. Landforms of the United States; work with maps of landforms; consideration to composition, distribution and the processes by which the land is shaped. Field trip. **P1 905L**

2450G ESC Oceanography. (3-0-3) Integrated, descriptive study of the World Ocean, including the physics, chemistry, biology, and geology of the marine environment and the interrelationship between the World Ocean and human activities. Cross-listed with GEL 2450G.

3010G ESC Environmental Physical Sciences. (3-0-3) A study of physical environmental Earth processes and their interrelationship with human activities. This will include both the impact of the Earth on human communities and the impact of human communities on the Earth. Cross-listed with GEL 3010G.

3020 ESC Natural Disasters: Causes and Effects (3-0-3) F. An overview of hazardous environments, natural or partly induced by human activity. Emphasis on understanding the physical processes and social systems that interact to produce disasters. Considers spatial and temporal distribution of hazards with reference to human populations. Provides options for assessing risk, disaster preparation and loss reduction. Cross-listed with GEG 3020. WI

3200 ESC Human Impacts on the Environment. (3-0-3) S. Emphasis on human impacts on the environment and the necessity of conservation. Discussion of natural hazards and perception of resources as factors limiting society's development. Focus on man as an agent of environmental change. Cross-listed with GEG 3200.

3300 ESC Soils. (2-2-3) On Demand. Overview of soil sciences such as taxonomy, soil formation, properties of soils, common soil problems and their solutions, evaluation of soils, and pollution from uses of soils. Prerequisite: GEL/ ESC 1300G or 3010G and CHM 1310G and 1315G.

3410 ESC Climatology. (2-2-3) F. Study of the earth's energy and water balances, climate classification systems, synoptic climatology, paleoclimatology, agricultural and urban climatology, theory of jet streams. Prerequisite: ESC 1400G (or equivalent).

3530 ESC Medieval Archaeology and Cultural Heritage in Europe. (4-0-4) S. An introduction to archaeology as a crossroads discipline, integrating a humanistic inquiry into history with the scientific methodologies which help evaluate the vestiges of past material culture. It is taught only abroad, and emphasizes the cultural heritage of the host country. May not be repeated. Cross-listed with HIS 3530. Co-requisite: STA 3970. Prerequisite: Consent of the instructor.

3550 ESC Surface Water Processes and Resources. (2-2-3) On Demand. Principles of the water cycle, surface and subsurface routing, drainage basins, stream channel form and processes, effects of climate. Illustrates human responses to and modification of hydrologic systems. Field trip required. Prerequisite: ESC/GEL 1300G. WI

3960 ESC Special Topics. (Arr.-Arr.-1-4) On Demand. Readings, discussion, reports, on-campus and off-campus fieldwork on specific areas of topics in earth science. May be repeated with permission of department chairperson, for a maximum of six semester hours. Prerequisite: Minimum of two courses in earth science (ESC) or consent of the instructor.

3970 ESC Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

3990 ESC Medieval Archaeology, Honors. (Arr.-Arr.-1-4). An introduction to archaeology as a crossroads discipline, integrating a humanistic inquiry into history with the scientific methodologies which help evaluate the vestiges of past material culture. It will be taught only within the Semester Abroad program and emphasize the cultural heritage in the countries concerns. May be repeated. Cross-listed with HIS 3990. Prerequisite: Students enrolled for credit must be admitted to the Honors College and must enroll for four semester hours. Student auditors must have permission of the Dean of the Honors College and may enroll for one to four semester hours. WI

4275 ESC Internship in Earth Science. (Arr.-Arr.-1-6) On Demand. An individually planned work experience in a business or agency appropriate to the student's area of specialization. NOTE: A maximum of three semester hours may be counted as elective credit in the Earth Science minor. Prerequisite: Completion of at least 9 hours of course work toward Earth Science minors, permission of the Geology/Geography Department Chair, the Internship Coordinator, and acceptance of the student by a business or agency. The course may be repeated to a maximum of 12 semester hours.

4400 ESC Independent Study. (Arr.-Arr.-1-3) Individual study under faculty supervision on a topic selected by the student. May be repeated to a maximum of six semester hours. Prerequisite: Permission of the faculty supervisor and approval of the department chairperson.

4430 ESC Undergraduate Research in Earth Science. (Arr.-Arr.-1-3) On Demand. Field, laboratory, or theoretical research. Faculty supervised. A written report of an oral presentation is required. Prerequisite: Completion of 15 semester hours of Earth Science/Geology courses (ESC/GEL), permission of department chair. Can be repeated for a maximum of six semester hours in combined department undergraduate research courses (Geology, Earth Science, Geography).

Courses Open to Juniors, Seniors, and Graduate Students

4900 ESC Earth Science Field Experience for Teachers. (2-6-5) Su. Introduction to and field investigations of earth materials and resources, geological and geomorphological processes, and their historical relationships. Prerequisite: Teaching certificate or permission of the instructor.

4950 ESC Earth Science Field Experience Research for Teachers. (Arr.-Arr.-1-3) Su or F. Research on specific topic or topics developed while enrolled in ESC 4900. Prerequisite or co-requisite: ESC 4900.

ECONOMICS

Undergraduate Courses

2800G ECN Economics of Social Issues. (3-0-3) Uses the economic way of thinking to examine social issues. Illuminates fundamental economic features common to human conflicts across societies and across time. Examines institutional structures built by various societies to address fundamental economic problems. Not equivalent to ECN 2801G or ECN 2802G and may not be counted as part of the 36 semester-hour requirement for an economics major or the 21 semester-hour requirement for an economics minor or the Option in Economics with International Studies.

2801G ECN Principles of Macroeconomics. (3-0-3) Macroeconomics – An exploration of the policy options, such as changes in taxation, government spending, the money supply or interest rates, available to government agents to achieve the goals of stable prices, high employment and steady growth. **S3 901**

2802G ECN Principles of Microeconomics. (3-0-3) Microeconomics – An exploration of consumer behavior, of how firms decide upon profit maximizing price and output rates under various market conditions, and of the labor and capital markets. Prerequisite: ECN 2801G. **S3 902**

2891G ECN Principles of Macroeconomics, Honors. (3-0-3) F. Macroeconomics – An exploration of the policy options, such as changes in taxation, government spending, the money supply or interest rates, available to government agents to achieve the goals of stable prices, high employment and steady growth. Prerequisite: Admission to the University Honors College. **S3 901**

2892G ECN Principles of Microeconomics, Honors. (3-0-3) S. Microeconomics – An exploration of consumer behavior, of how firms decide upon profit maximizing price and output rates under various market conditions, and of the labor and capital markets. Prerequisite: ECN 2801G or ECN 2891G and admission to the University Honors College. **S3 902**

3100 ECN Global Threats and Problems. (3-0-3) S. An interdisciplinary study of current global problems. Four different social scientific approaches will be used to analyze complex questions regarding the survival of humanity given current threats to our environments, cultures, geopolitical affiliations, and socioeconomic structures. Topics may include famine, terrorism, information control, and disease, among others. Course may not be repeated. Cross-listed with CSC/GEG/PLS/SOC 3100.

3450 ECN Game Theory. (3-0-3) S. Analysis of strategic choice problems. Introduces solution techniques for sequential and simultaneous games, development of pure and random strategies, and the concept of equilibrium. Applications to economic, social, political, and biological sciences including coordination and collective action problems, voting strategies and coalitions, and evolutionarily stable strategies. Prerequisites: MAT 1271; may not be taken concurrently. Restriction: Sophomore standing or above.

3810 ECN Economics of Natural Resources. (3-0-3) F. An introduction to economic analysis of natural resources and the environment.

3833 ECN Economic Development of Modern Europe. (3-0-3) F, S. A survey of the economic history of Europe with primary emphasis on the period after 1850.

3835 ECN American Economic Development. (3-0-3) S. Evolution of the economy with emphasis on basic economic institutions and major forces in the process of growth and development. WI

3851 ECN Public Finance. (3-0-3) F, S. A study of taxation, government spending, public debt, and the role of government in a market economy. Prerequisite: ECN 2802G.

3853 ECN Urban and Regional Economics. (3-0-3) S. An introduction to spatial economics with emphasis on policy and planning to alleviate social problems that result from the uneven distribution of economic activities. WI

3860 ECN International Economics. (3-0-3) Principles of foreign trade and finance; balance of payments; tariffs; quotas and commercial policies of major countries. Prerequisite: ECN 2802G.

3870 ECN Agricultural Economics. (3-0-3) F. An introduction to the application of economic theory and method to problems in agriculture and agribusiness; provides the foundation needed to understand, interpret, and analyze farm policy in the United States. Prerequisite: ECN 2802G or permission of the instructor. AG 901 WI

3873 ECN Economics of Race and Gender. (3-0-3) Exploration of the economic status of women and of racial and ethnic minorities in the United States. Surveys the historical role of women and minorities in the U.S. labor market including trends in labor force participation, occupational distribution, wage differentials, labor legislation, and discrimination. Prerequisite: ECN 2802G or permission of the instructor. WI

3875 ECN Health Economics. (3-0-3) F, S. A course using economic tools to understand various issues and problems pertaining to medical care. Examines the production of and demand for medical care, health care systems and institutions, the role of government in health care markets, and the behavior of specific health care industries.

3880 ECN Government and Business. (3-0-3) F, S. The market structures in which business operates: public policies for regulation and control of those markets. Prerequisite: ECN 2802G or permission of the instructor.

3881 ECN Economics of Public Utilities. (3-0-3) S. This course entails an examination of the unique economic characteristics which set public utilities apart from other corporations, and explains why these firms are subject to regulation. Prerequisite: ECN 2802G or permission of the instructor.

3890 ECN Labor Economics. (3-0-3) F, S. Theory of the labor market including labor demand, labor supply, investments in human capital, and wage determination. Prerequisite: ECN 2802G

3891 ECN International Economics, Honors. (3-0-3) F. Principles of foreign trade and finance; balance of payments, tariffs, quotas and commercial policies of major countries. Prerequisite: ECN 2802G or ECN 2892G and admission to the University Honors College.

3970 ECN Study Abroad. (Arr.-Arr.-1-15) See STA 3970. May not be counted as part of the 21 semester-hours requirement for economics minor.

3971 ECN Statistics Applied to Economics I. (3-0-3) F, S. Measures of central tendency and dispersion, statistical distributions, regression, and hypothesis testing with applications to economics. Prerequisite: ECN 2802G or permission of the instructor. No credit toward graduation for a student with credit in another introductory statistics course.

3972 ECN Statistics Applied to Economics II. (3-0-3) F, S. Non-parametric statistics, chi-square and F distribution, multiple regression, index numbers, and time series with application to economics. Prerequisite: ECN 3971 and MAT 2120G, or MAT 2550, or permission of the instructor. WI

4275 ECN Internship in Economics. (Arr.-Arr.-1-12) (Credit/No Credit) A semester's experience as an intern in a state, federal, or international agency or business firm. Twelve semester hours may be earned in the fall or spring semesters and nine semester hours during the summer term. Credit for this program does not count toward graduation if the student has earned 12 or more semester hours of Credit/No Credit in student teaching or any other internship offered by the university. **NOTE:** Not more than six semester hours can be used to meet the total credit hours required in the major. Prerequisite: Permission of the department chairperson and acceptance of the student by a state, federal, or international agency or business firm on the basis of the student's application. May not be counted as part of the 21 semester-hours requirement for economics minor.

4444 ECN Honors Independent Study. (Arr.-Arr.-3) Consideration of special topics in Economics. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisite: Admission to the Departmental Honors College and permission of the Departmental Honors Coordinator.

4505 ECN Business Cycles. (3-0-3) S. Fluctuations in economic activity and their causes, methods of forecasting, and policies for growth and stability. Prerequisite: ECN 2802G.

4511 ECN Comparative Economic Systems. (3-0-3) F. A framework for the comparative analysis of economic systems is developed and applied to case studies from pre-modern as well as modern economic systems. Explores the impact of culture and historical precedent on the organization of economic activity in different societies.

4520 ECN History of Economic Thought. (3-0-3) F. To emphasize various schools of thought including the Classicalist, Socialist, Marxist, Marginalist, Institutionalist, and Keynesian. Prerequisite: ECN 2802G.

4570 ECN Economic Problems of the Developing Countries. (3-0-3) F. An analysis of the economic problems of the developing countries and theories of economic development. Prerequisite: ECN 2802G or permission of the instructor.

4644 ECN Honors Thesis. (Arr.-Arr.-3) Intensive research in preparation of a thesis on a topic in Economics approved by faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666 ECN Honors Seminar. (Arr.-Arr.-3) Areas of investigation which require integration of Economics and research will be treated. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4689 ECN Theory and Research. (3-0-3) F, S. A capstone course to apply theory in undergraduate research. A written report, oral presentation, and external field examination are required. Prerequisite: This capstone course is intended for Economics majors to be taken in the last semester before graduation and requires permission of the instructor. WI

Courses Open to Juniors, Seniors, and Graduate Students

It is strongly recommended that students complete MAT 2110G, (or 1440G or 1441G) and 2120G (or 2550) before enrolling in Economics courses numbered 4750 and above.

4751 ECN Managerial Economics. (3-0-3) F. The application of economic theory and method to managerial decision making. Prerequisite: ECN 2802G or BUS 2810, or other equivalent courses subject to departmental approval.

4801 ECN Intermediate Macroeconomic Theory. (3-0-3) F, S. Analysis of the determination of national income, employment, wages, and factors affecting inflation and growth. Prerequisite: ECN 2802G.

4802 ECN Intermediate Microeconomic Theory. (3-0-3) F, S. Analysis of product and factor price theory under alternative market classifications. Prerequisite: ECN 2802G.

4803 ECN Mathematical Economics. (3-0-3) The application of mathematical tools to economics. Various economic theories are formulated in a mathematical framework. Prerequisite: ECN 4802 or permission of the instructor.

4813 ECN Transition Economies. (3-0-3) S. A descriptive analysis of the economic structure of the evolving new nations after the breakup of the Soviet

Union and Soviet Bloc, with an additional analysis of why the breakup occurred. Prerequisite: ECN 2802G or permission of the instructor. WI

4840 ECN Money and Banking. (3-0-3) F, S. Money and banking in the modern economy; history and theory of monetary policy. Prerequisite: ECN 2802G.

4850 ECN Economic Analysis of Law. (3-0-3) S. Economic analysis of the major areas of law: property, contract, torts, criminal law. Emphasis on study of economic forces in the evolution of the rule of law and application of economic reasoning techniques to the critique of legal institutions. Examination of conflicts between economic efficiency and other social goals such as fairness, democracy, and justice. Prerequisite: ECN 2802G.

4861 ECN International Economic Problems. (3-0-3) F. Current international economic problems; balance of payments adjustment; exchange rate policy; international monetary mechanism. Prerequisite: ECN 3860 or permission of the instructor.

4875 ECN Area Studies. (3-0-3) S. A study of economic conditions and development problems in a specific geographical area such as Tropical Africa, Middle East, or Latin America. The topic will vary from semester to semester; the course may be repeated with each change of topic. Prerequisite: ECN 2802G or permission of instructor. WI

4890 ECN Topics in Labor Economics. (3-0-3) F, S. Topics in contemporary labor economics such as labor history, collective bargaining, labor law, poverty, compensation structure, discrimination, and wage differentials. May be repeated once with change of topics. Prerequisite: ECN 2802G or permission of the instructor.

4900 ECN Issues in Economics. (3-0-3) An analysis of selected economic problems. Topics to be announced. May be repeated once for credit with change in topic. Prerequisite: ECN 2802G and senior or graduate standing or permission of the instructor.

4950 ECN Independent Study. (Arr.-Arr.-2 or 3) Independent study in economics. Designed for individual student needs at either the undergraduate or graduate level. Prerequisite: ECN 2802G and pre-registration conference with the department chairperson.

4973 ECN Introduction to Econometrics. (3-0-3) S. A study of regression estimations, tests and predictions, estimation problems and remedies, simultaneous equations systems with application to economics. Prerequisite: ECN 3972 or MAT 3702 and 1440G or 1441G, or MAT 2110G and 2120G, or 2550, or permission of the instructor.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the Graduate Catalog.

EDUCATION

Undergraduate Courses

2022 EDU Teaching and Learning with Technology in Classrooms. (2-1-2) This course, based on the national and state educational technology standards, is designed to prepare teachers to integrate technology into the curriculum. This course will focus on the effective use of technology in teaching and learning. Prerequisite: Passing score on the CEPS technology proficiency.

4281 EDU Teaching Reading and Language Arts in Secondary Classrooms. (3-0-3) F, S. A focus on the methods, materials and strategies used by secondary teachers as they meet the diverse needs of students. Emphasis will be on the utilization of reading, writing, speaking and listening integration within the curriculum. Prerequisite: SED 3330/3100 or equivalent or permission of Department Chair Early Childhood, Elementary, and Middle Level Education. Credit will not be given for both MLE 4280 and EDU 4281.

4550 EDU Alternative Certification: Introduction to Teaching. (1-1-1) Su. This course addresses Illinois Professional Teaching Standards in collaborative relationships and reflection and personal growth. The course is an introduction to the academically rigorous, intensive Alternative Certification Program. Requires 30 clock hours of participation/observation. Prerequisite: Proficiency with web browser software and internet use.

4551 EDU Alternative Certification: Foundations of Teaching. (4-2-4) Su. This course addresses Illinois Professional Teaching Standards in the social, cultural, historical, and psychological foundations of teaching. The course is part of the academically rigorous, intensive Alternative Certification Program that includes EDU 4552 and EDU 4553. Prerequisite: Must be admitted to the Alternative Certification Program and have received a "B" or better in EDU 4550.

4552 EDU Alternative Certification: General Teaching Methods. (8-3-8) Su. This course addresses Illinois Professional Teaching Standards General Methods, including student diversity, language arts/reading, and technology. The course is part of the academically rigorous, intensive Alternative Certification Program that includes EDU 4551 and EDU 4553. Prerequisite: Must be admitted to the Alternative Certification Program and have received a "B" or better in EDU 4550.

4553 EDU Alternative Certification: Teaching Methods. (3-2-3) Su. This course addresses the Illinois Content Standards for the secondary teacher. Methods of teaching in the chosen discipline, philosophies of teaching and learning in the discipline, skills in planning for teaching, and identifying appropriate teaching materials are among the topics covered. The course is part of the academically rigorous, intensive Alternative Certification Program. Specific academic disciplines are addressed by different sections of the course. Prerequisite: Must be admitted to the Alternative Certification Program and have received a "B" or better in EDU 4550.

4560 EDU Alternative Certification: Internship, Part I. (Arr.-Arr.-6) F. (Credit/No Credit) This course is the first semester of a 2-semester internship. The course is a required component of the academically rigorous, intensive Alternative Certification Program. Prerequisite: Grade of "B" or better in EDU 4550, EDU 4551, EDU 4552, and EDU 4553.

4561 EDU Alternative Certification: Internship, Part II. (Arr.-Arr.-6) (Credit/No Credit) S. This course is the second semester of a 2-semester internship. The course is a required component of the academically rigorous, intensive Alternative Certification Program. Prerequisite: Successful completion of EDU 4560.

4570 EDU Alternative Certification: Candidate Assessment. (Arr.-Arr.-1) (Credit/No Credit) Su. This course is the comprehensive candidate assessment that is the final required component of the academically rigorous, intensive Alternative Certification Program. Prerequisite: Successful completion of EDU 4560 and EDU 4561.

EDUCATIONAL FOUNDATIONS

Undergraduate Courses

2555 EDF Diversity of Schools and Societies: Social and Global Perspectives. (3-0-3) How schooling is shaped by, and ought to respond to, the social contexts in which it occurs, particularly in multicultural and global contexts. WI

2595 EDF Diversity of Schools and Societies: Social and Global Perspectives, Honors (3-0-3) On Demand. How schooling is shaped by, and ought to respond to, the social contexts in which it occurs, particularly in multicultural and global contexts. Equivalent to EDF 2555. Prerequisite: Admission to the honors program. WI

4450 EDF Philosophy and History of Education. (3-0-3) The philosophical and historical foundations of leading educational theories as they treat human nature, objectives, and processes of education. Prerequisite: Junior standing. WI

4741 EDF Independent Study. (Arr.-Arr.-1-3) As arranged. May be repeated for a total of six semester hour's credit. Prerequisite: Permission of the Department Chairperson.

Course Open to Juniors, Seniors, and Graduate Students

4750 EDF Introduction to Adult Education. (3-0-3) Adult education today, its career opportunities, and its historical and theoretical foundations.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered CSD 5540 and above are only open to students who have been admitted to the Department of Counseling and Student Development or with permission of the Department Chair. For graduate courses, see the Graduate Catalog.

EDUCATIONAL PSYCHOLOGY

Undergraduate Courses

3331 EDP. Theories of Learning and Development for Secondary Teachers. (3-2-3) F, S. Individual growth and development, motivation, learning theory, appraisal of human differences, classroom management, student evaluation, practices, and observation. Approximately 6 weeks of intensive practice work in the public schools. Prerequisite: "University Approval to Take Teacher Education Courses" requirements apply; SED 2000. Corequisite: Concurrent enrollment in SED 3330. Priority will be given to those students who are one year or less away from student teaching.

Courses Open to Juniors, Seniors, and Graduate Students

4770 EDP Facilitation Interpersonal Relationships. (3-0-3) A course to develop skills in interpersonal relationships and personal understanding.

4790 EDP Studies in Education. (2-0-2) Problems in education, student activities, curriculum, guidance, and evaluation. Each student assigned an individual problem.

4800 EDP Studies in Education. (1-0-1) On Demand. Problems in education, student activities, curriculum, guidance, and evaluation. Each student is assigned an individual problem.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered CSD 5540 and above are open only to students who have been admitted to the Department of Counseling and Student Development or with permission of the department chair. For graduate courses, see the Graduate Catalog.

ELEMENTARY EDUCATION

Undergraduate Courses

2000 ELE The Teacher and the School. (2-1-2) F, S. Observation and data collection techniques, professional issues in teaching, characteristics of schools, curricular organizations, effective teachers, 13 clock hours of structured observation. Prerequisite: Concurrent enrollment in ELE 2320 is desirable, or permission of department chair. **SPE 911; EED 901**

2320 ELE Childhood and Early Adolescent Development. (3-0-3) Concepts and issues in the physical, social, emotional, and intellectual growth and development of children and early adolescents: prenatal through middle school/junior high. Field-based activities will be provided in conjunction with ELE 2000. Prerequisite: Concurrent enrollment in ELE 2000 is desirable. **SPE 913; EED 902; ECE 912**

2321 ELE Child Growth and Development. (3-1-3) F, S. A study of characteristics of children from before birth to the middle grades. Ways for teachers and other caregivers to respond to their needs and learning styles. Fifteen clock hours of clinical experience in preschool through primary level classrooms. **ECE 912**

3000 ELE Instructional Strategies for the Elementary Classroom. (3-3-4)

Topics include instructional strategies, models for classroom management and discipline, parent-school community involvement, and school law. Forty-five clock hours of field-based activities primarily in reading and language arts. Prerequisite: ELE 2000 and ELE 2320. Concurrent enrollment in ELE 3280 and ELE 3350, or permission of department chair. University Teacher Education requirements apply and department requirements for enrollment must be met, including an expectation of second semester Junior standing.

3250 ELE Facilitating Learning in Early Childhood Programs. (3-0-3) F, S.

Nature of learning in the preschool and primary levels. Specialized instruction, learning centers, individualization, educational play, and utilization of media in the curriculum. Field based activities will be provided in conjunction with ELE 4000. Prerequisite: ELE 2321, or permission of department chair. University Teacher Education requirements apply and department requirements for enrollment must be met, including an expectation of second semester Junior standing.

3280 ELE Developmental Reading in the Elementary School. (3-0-3)

The instructional program in reading from kindergarten through grade six; goals, methods, and materials with emphasis on basal reader approaches. Field-based activities will be provided in conjunction with ELE 3000. Prerequisites: Concurrent enrollment in ELE 3000 and ELE 3350; MLE 3110 and MLE 4000; or permission of department chair. University Teacher Education requirements apply and department requirements for enrollment must be met, including an expectation of second semester Junior standing.

3281 ELE Developmental Reading in Early Childhood. (3-0-3) F, S.

Strategies and materials for teaching reading in preschool and primary grades. Emphasis placed on emergent literacy, diagnostic procedures, individualization, evaluation, and reading interests. Field based activities will be provided in conjunction with ELE 4000. Prerequisites: Concurrent enrollment in ELE 3250 and ELE 4000, or permission of department chair.

3290 ELE Science in the Elementary School. (3-0-3)

Exploration of the nature, processes, and products of science and their relationships to society, the world, and the school curriculum. Field-based experiences will be in conjunction with ELE 4000. Prerequisites: Concurrent enrollment in ELE 3340 and ELE 4880, or permission of department chair. University Teacher Education requirements apply and department requirements for enrollment must be met.

3340 ELE Social Studies for Elementary School Children. (3-0-3)

Planning and organizing for instruction; material selection; and evaluation in social studies. Field-based activities will be provided in conjunction with ELE 4000. Prerequisites: ELE 3000; and concurrent enrollment in ELE 3290, ELE 4000, and ELE 4880, or permission of department chair. University Teacher

Education requirements apply and department requirements for enrollment must be met.

3350 ELE Language Arts in the Elementary School. (2-0-2) Objectives, research, teaching methods, and materials for teaching and evaluating the language arts. Field-based activities will be provided in conjunction with ELE 3000. Prerequisites: Concurrent enrollment in ELE 3280 and ELE 3000, or permission of department chair. University Teacher Education requirements apply and department requirements for enrollment must be met, including an expectation of second semester Junior standing.

3970 ELE Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4000 ELE Practicum in Elementary Curriculum and Instruction. (0-3-1) Supervised clinical experiences with emphasis on curriculum and instructional aspects of early elementary and late elementary subject areas. Forty-five hours of classroom participation. Prerequisites: Concurrent enrollment in one or more of ELE 3250, 3281, 3290, 3340, 4880, or permission of department chair. Course may be taken twice with permission of the department chair. University Teacher Education requirements apply and department requirements for enrollment must be met.

4741 ELE Independent Study. (Arr.-Arr.-1-3) May be repeated for a total of six semester hour's credit. Prerequisite: Permission of the department chairperson.

Courses Open to Juniors, Seniors, and Graduate Students

4770 ELE Methods and Curriculum in the Primary Grades. (3-0-3) F, S. Study of curriculum and techniques for teaching mathematics, science, and social studies in the primary grades. Planning lessons and units of instruction. Prerequisites: ELE 3250. University Teacher Education requirements apply and department requirements for enrollment must be met, including an expectation of second semester Junior standing.

4775 ELE Language and Language Arts in Early Childhood. (3-0-3) F, S. Normal language development in the young child. Techniques for specific language art skills in pre-school and primary teaching. Assessment of pupil growth and achievement in language.

4776 ELE Early Childhood Education: History and Philosophy. (3-0-3) F, S. The history and philosophy of early childhood education. Historical and contemporary models, social policy, and philosophical issues. Prerequisite: Eight semester hours in education and psychology.

4780 ELE Studies in Education. (Arr.-Arr.-1-3) On Demand. Issues in education, student activities, curriculum, guidance, and evaluation. May be repeated for a maximum of six semester hours. Prerequisite: Eight semester hours in education and psychology.

4880 ELE Diagnostic-Prescriptive Reading Instruction. (3-0-3) Diagnostic procedures and materials in reading for teachers in self-contained and departmentalized classrooms from kindergarten through junior high/middle school. Field-based experiences. Prerequisites: ELE 3281 for Early Childhood Option; ELE 3280 for General and Middle School Options; or permission of department chair. University Teacher Education requirements apply and department requirements for enrollment must be met.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the Graduate Catalog.

ENGLISH

Undergraduate Courses

0990 ENG English as a Second Language I. (3-3-4) F, S. (Credit/No Credit. Does not count toward graduation. Does not count in cumulative GPA.) For students whose native language is not English. Basic review of oral and reading comprehension and expression, including basic vocabulary, sentence structure, and usage; basic oral skills in a cultural context. Prerequisite: Test of English as a Foreign Language (TOEFL) score of 500 minimum or certification at English Language Schools Level 9.

0995 ENG English as a Second Language II. (3-2-4) F, S. (Credit/No Credit. Does not count toward graduation. Does not count in cumulative grade-point average.) For students whose native language is not English. Advanced review of Standard English usage, vocabulary, sentence structure, and paragraphing; introduction to theme writing; some work on oral skills in a cultural context. Prerequisite: ENG 0990 or Test of English as a Foreign Language (TOEFL) score of 550 minimum or certification at English Language Schools Level 9 with certification of proficiency.

1000 ENG Fundamental English. (3-0-2) (Credit/No Credit. Does not count toward graduation. Does not count in cumulative grade-point average.) A course in the improvement of fundamental writing abilities. Practice and instruction in developing and organizing ideas; in using words, sentences and paragraphs effectively; and in acquiring and strengthening skills for revising and editing prose. Required of students who do not meet the prerequisites for ENG 1001G.

1001G ENG Composition and Language. (3-0-3) Graded (A, B, C, N/C) A course in the reading and writing of expressive, expository, and persuasive essays. Attention is given to effective expression, clear structure, adequate development, and documentation of sources. Prerequisite: ENG 1000 or proficiency in basic skills as determined by the English Department. NOTE: A grade of "C" or better in ENG 1001G, ENG 1002G, and CMN 1310G or in accepted substitutions is a requirement for the Bachelor's degree at Eastern as well as a General Education requirement. **C1 900R**

1002G ENG Composition and Literature. (3-0-3) Graded (A, B, C, N/C) A writing course designed to improve skills in critical thinking and analytical expression based on the reading of literary texts. Prerequisite: ENG 1001G. C1 901R NOTE: A grade of "C" or better in ENG 1001G, ENG 1002G, and CMN 1310G or in accepted substitutions is a requirement for the Bachelor's degree at Eastern as well as a General Education requirement.

1091G ENG Composition and Language, Honors. (3-0-3) F. Graded (A, B, C, N/C) A course in the reading and writing of expressive, expository, and persuasive essays. Attention is given to effective expression, clear structure, adequate development, and documentation of sources. Prerequisite: Admission to the University Honors College. **C1 900R**

1092G ENG Composition and Literature, Honors. (3-0-3) S. Graded (A, B, C, N/C) A writing course designed to improve skills in critical thinking and analytical expression based on the reading of literary texts. Prerequisite: ENG 1001G or 1091G and admission to the University Honors College. **C1 901R**

2001 ENG Creative Writing: Nonfiction. (3-0-3) S. A creative writing course focusing on the essay. Extensive reading, aimed at developing a critical vocabulary and background knowledge of the genre, will be integrated with extensive writing and workshop discussions. Prerequisite: ENG 1001G and ENG 1002G. (Group 6) WC

2003 ENG Creative Writing: Poetry. (3-0-3) F. An introduction to the reading and writing of poetry, with class time devoted to various principles of the genre through writing exercises and workshop discussion. Prerequisite: ENG 1002G. (Group 6) EGL 922 WC

2005 ENG Creative Writing: Drama. (3-0-3) S. An introduction to the reading and writing of dramatic scenes for radio, theatre, TV, and film with class time devoted to various principles common to all dramatic writing through writing exercises and workshop discussion. Prerequisite: ENG 1002G. (Group 6) EGL 923 WC

2007 ENG Creative Writing: Fiction. (3-0-3) F. An introduction to the reading and writing of fiction with class time devoted to various principles of the genre through writing exercises and workshop discussion. Prerequisite: ENG 1002G. (Group 6) EGL 921 WC

2009G ENG Literature and Human Values 1, 2, 3, 4. (3-0-3) F, S. A study of some of the universal, recurring issues facing the individual, as they are dealt with in a selection of literary texts from diverse cultures. (1. Labor, Class, Power; 2. Faith, Survival, Progress; 3. Love, Hate, Obsession; 4. Race, Age, Gender.) Prerequisite: ENG 1002G. WI

2011G ENG Literature, the Self and the World 1, 2, 3. (3-0-3) F, S. Study of significant works of literature from diverse cultures and of the ways in which they depict meaning, identity, and action in the world. (1: Poetry; 2: Fiction; 3: Drama.) Prerequisite: ENG 1002G. WI

2091G ENG Literature, the Self, and the World 1, 2, 3, Honors. (3-0-3) On Demand. Study of significant works of literature from diverse cultures and of the ways in which they depict meaning, identity, and action in the world. (1: Poetry; 2: Fiction; 3: Drama.) Prerequisite: ENG 1002G or 1092G and admission to the University Honors College. WI

2099G ENG Literature and Human Values 1, 2, 3, 4, Honors. (3-0-3) On Demand. A study of some of the universal, recurring issues facing the individual, as they are dealt with in a selection of literary texts from diverse cultures. (1. Labor, Class, Power; 2. Faith, Survival, Progress; 3. Love, Hate, Obsession; 4. Race, Age, Gender.) Prerequisite: ENG 1002G or 1092G and admission to the University Honors College. WI

2205 ENG Introduction to Literary Studies. (3-0-3) F, S. A study of fundamental issues underlying literary criticism and interpretation focusing on literary works, diverse critical practices, and historical backgrounds of critical

strategies. Required of English Majors, open to others. Prerequisite: ENG 1002G. (Group 1) WI

2601 ENG Backgrounds of Western Literature. (3-0-3) F, S. A reading of major world masterpieces through the Renaissance, works that have influenced literature in English, by such writers as Homer, Sappho, Sophocles, Plato, Virgil, Ovid, Marie de France, Dante, Rabelais, Cervantes. Required of English majors, open to others. Prerequisite: ENG 1002G. (Group 1) WI

2602 ENG World Literature since the Renaissance. (3-0-3) S. Emphasis on such writers as Racine, Voltaire, Goethe, Sand, Baudelaire, Flaubert, Dostoevsky, Ibsen, Tolstoy, Allende, Ba, Borges, Garcia Marquez, Achebe, Soyinka. Prerequisite: ENG 1002G. (Group 2) WI

2603 ENG Greek and Roman Mythology. (3-0-3) F, S. A study of the myths, chiefly Greek and Roman, most often retold, interpreted, or alluded to by the writers and literacy critics of Western Europe and America. Prerequisite: ENG 1002G. (Group 6) WI

2692 ENG World Literature since the Renaissance, Honors. (3-0-3) On Demand. Emphasis on such writers as Racine, Voltaire, Goethe, Sand, Baudelaire, Flaubert, Dostoevsky, Ibsen, Tolstoy, Allende, Ba, Borges, Garcia Marquez, Achebe, Soyinka. Prerequisite: ENG 1002G or 1092G and admission to the University Honors College. (Group 2) WI

2705 ENG African-American Literature. (3-0-3) F. Introduction of African-American literature in its socio-cultural and historical contexts, with emphasis on such writers as Douglass, Hurston, Hughes, Wright, Ellison, Baldwin, Baraka, Morrison, Walker, Wilson. Prerequisite: ENG 1002G. (Group 2) WI

2760 ENG Introduction to Professional Writing. (3-0-3) F. Introduction to the theory and practice of writing and writers in professional settings. Prerequisite: English 1002G. WC

2850 ENG Postcolonial Literatures in English. (3-0-3) S. Introduction to African, Indian and West Indian literatures in English in their sociocultural and historical contexts; examination of concepts of culture, civilization, colonization and independence; English as a global language; including such authors as Achebe, Desai, Gordimer, Naipaul, Narayan and Rushdie. Prerequisite: ENG 1002G. (Group 2) EGL 919 WI

2901 ENG Structure of English. (3-0-3) F, S. An introduction to the English language: its phonology and word forms, the parts of speech and their functions, basic sentence structures and their representation, stylistic patterns, standard and nonstandard dialects, viewed according to traditional and modern grammars. Prerequisite: ENG 1002G. (Group 1)

3001 ENG Advanced Composition. (3-0-3) Advanced study and practice of writing in public, professional, and discipline-specific genres. Required of English majors, open to others. Prerequisite: ENG 1002G. (Group 1) WC

3002 ENG Research Writing for Literary Studies. (3-0-3) F, S. In-depth study of genres of writing central to Literary Studies, in particular proposals, reviews, and criticism. Students will read models of scholarly writing in literary studies, as well as research, draft, and revise their own proposals, reviews, and articles, and master MLA style. Prerequisites: ENG 1001G, 1002G. WC

3005 ENG Technical Communication. (3-0-3) F, S. Practice and instruction in technical writing and creating documents used in professional settings. Focus on increasing proficiency in effective writing and developing strategies for document design, accommodating specialized and non-specialized audiences, visual rhetoric, and web publishing. Prerequisite: ENG 1002G. (Group 6) WC

3009G ENG Myth and Culture. (3-0-3) F, S. Through comparative analysis of myths from diverse cultural traditions, the course will examine relationships among mythical, historical, theological, socio-anthropological and scientific ways of understanding. Prerequisite: ENG 1002G. (Group 2) WI

3010G ENG Literary Masterworks. (3-0-3) F, S. An analysis of selected masterworks from the Western cultural tradition that shape for us the identity of the culture and period to which they belong and that represent the great diversity within the tradition. Prerequisite: ENG 1001G and ENG 1002G. WI

3090G ENG Literary Masterworks, Honors. (3-0-3) On Demand. An analysis of selected masterworks from the Western cultural tradition that shape for us the identity of the culture and period to which they belong and that represent the great diversity within the tradition. Prerequisite: ENG 1002G or ENG 1092G and admission to the University Honors College. WI

3099G ENG Myth and Culture, Honors. (3-0-3) On Demand. Through comparative analysis of myths from diverse cultural traditions, the course will examine relationships among mythical, historical, theological, socio-anthropological, and scientific ways of understanding. Prerequisite: ENG 1002G or ENG 1092G and admission to the University Honors College or Departmental Honors Program. (Group 2) WI

3100G ENG Cultural Foundations I. (3-0-3) F, S. An in-depth look at three cultural foundations, two Western and one African. The course examines societies and values by exploring primary texts in literature, philosophy, and religion. Cross-listed with PHI 3100G. Prerequisite: ENG 1001G, ENG 1002G. WI

3110G ENG Cultural Foundations II. (3-0-3) S. An in-depth look at three significant Eastern cultural foundations. The course examines societies and values by exploring primary texts in literature, philosophy and religion. Cross-listed with PHI 3110G. Prerequisite: ENG 1001G and ENG 1002G. WI

3401 ENG Methods of Teaching Composition in the Secondary School. (3-0-3) F, S. Approaches to the teaching of composition in junior and senior high school. Electronic interaction with secondary student writers. Includes 5 on-site hours and 5 hours of laboratory pre-clinical experience. Prerequisite: ENG 2901, 3001; SED 3330 and EDP 3331; for ISEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110. (Group 1) WI

3402 ENG Methods of Teaching Literature in the Secondary School. (3-0-3) F, S. Approaches to the teaching of literature in junior and senior high school. Includes 5 on-site hours and 5 laboratory hours of pre-clinical experience. Prerequisite: ENG 1002G, EDP 3331, and SED 3330; for ISEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110. (Group 1) WI

3405 ENG Children's Literature. (3-0-3) F, S. Study of the rich variety of texts written for or primarily read by children, including picture books, poetry, fairy tales, chapter books, and novels. Emphases include historical, cultural, pedagogical, critical, and theoretical perspectives. Prerequisite: ENG 1002G. (Group 6) WI

3406 ENG. Literature for Pre-Adolescents. (3-0-3) On Demand. Study of literary works written for pre-adolescent readers (approximately ages 8-12, grades 4-8), including novels in a variety of genres, poetry, and picture books for older readers. Emphasis on critical evaluation encompasses literary, historical, cultural, and theoretical perspectives. Prerequisites: English 1001G and 1002G. Course may not be repeated. WI

3504 ENG Film and Literature. (2-2-3) F, S. Practical and theoretical relations between film and literature. May be taken as many as three times with permission of the Department Chairperson. Prerequisite: ENG 1002G. (Group 6) WI

3600 ENG The Bible as Literature. (3-0-3) S. The Hebrew Scriptures, Apocrypha, and New Testament as literary texts. Prerequisite: ENG 1002G. (Group 6) WI

3601 ENG Studies in Major Writers. (3-0-3) On Demand. In-depth studies of major writers with no more than three studies in any one semester. Topics to be announced. May be taken as many as three times with permission of the Department Chairperson. Prerequisite: ENG 1002G. (Group 6) WI

3604 ENG Special Topics in Literature. (3-0-3) On Demand. Topics to be announced. May be taken as many as three times with permission of the Department Chairperson. Prerequisite: ENG 1002G. (Group 6) WI

3606 ENG Modern Drama. (3-0-3) F. Analysis and discussion of drama from Ibsen to the present, emphasizing major theatrical developments and including such authors as Chekhov, Shaw, O'Neill, Brecht, Hansberry, Pinter, Churchill. Prerequisite: ENG 1002G. (Group 6) WI

3700 ENG American Literature: 1450 to 1800. (3-0-3) F. Emphasis on such topics as colonialism, slavery and racism, Native American issues, women's writing, religious writing, revolution, sentimentalism, and an emerging nationalism. Writers may include Columbus, Winthrop, Bradstreet, Franklin, Edwards, Equiano, Paine, Crèvecoeur, Wheatley, Rowson. Prerequisite: ENG 1002G. (Group 5) WI

3701 ENG American Literature: 1800 to Mid-19th Century. (3-0-3) S. Emphasis on such topics as romanticism, literary nationalism, slavery, and the utopian impulse. Writers may include Rowson, Brown, Stowe, Fuller, Douglass, Emerson, Thoreau, Poe, Hawthorne, Melville, Whitman, Dickinson. Prerequisite: ENG 1002G. (Group 5) WI

3702 ENG American Literature: Mid-19th Century to 1900. (3-0-3) F. Emphasis on such topics as the Civil War, the rise of realism and naturalism, the impact of Darwin, race writing, and the immigrant experience. Writers may include Whitman, Dickinson, Twain, James, Chopin, Jewett, Chesnut, Hopkins, Gertrude Bonnin, Crane. Prerequisite: ENG 1002G. (Group 5) WI

3703 ENG American Literature: 1900 to 1950. (3-0-3) S. Emphasis on such topics as modernism, the Harlem Renaissance, the Great Depression, and World War II. Writers may include Cather, Eliot, Wharton, Hemingway, Hurston, W. C. Williams, Moore, Faulkner, Stevens, Wright, O'Neill. Prerequisite: ENG 1002G. (Group 5) WI

3704 ENG American Literature: 1950 to present. (3-0-3) F. Emphasis on such topics as the Fabulous 50's, the Beats, emerging minority cultures, the rise of feminism, postmodernism, and minimalism. Writers may include Bishop, Ginsberg, Plath, Bellow, Vonnegut, Shepard, Kesey, Olson, Baraka, Mason, Erdrich, Morrison. Prerequisite: ENG 1002G. (Group 5) WI

3705 ENG American Multicultural Literatures. (3-0-3) S. Emphasis on race, ethnicity, class, gender, and sexuality in literatures from 1700 to the present, featuring African-American, Asian-American, Native-American, Latino/a writers and immigrant American Writers. Prerequisite: ENG 1002G. (Group 2) WI

3706 ENG American Regional Literature. (3-0-3) F. or S. A course focusing on literature produced within specific geographical regions, regional schools, or regional traditions of the United States. Topics may include Southern literature, the Plains, the Northwest, Southwest humorists, New York City writers, or Illinois writers. Group 6. Prerequisite: ENG 1001G and 1002G or equivalent. WI

3800 ENG Medieval British Literature. (3-0-3) F. Representative Old and Middle English texts (1000-1500), such as Beowulf, Sir Gawain and the Green Knight, the Lais of Marie de France, Piers Plowman, Malory's Arthurian tales, and Everyman. Prerequisite: ENG 1002G. (Group 3) WI

3801 ENG Chaucer. (3-0-3) S. Study of The Canterbury Tales and/or Chaucer's other major works of poetry and prose. Prerequisite: ENG 1002G. (Group 3) WI

3802 ENG Shakespeare. (3-0-3) S. A study of representative comedies, histories, tragedies, romances, and poems. Prerequisite: ENG 1002G. (Group 3) WI

3803 ENG Renaissance and Seventeenth-Century British Literature. (3-0-3) S. An overview of humanism and ensuing literary, political, religious, and scientific revolutions in British literature, 1500-1660. Writers may include More, Sidney, Spenser, Kyd, Shakespeare, Marlowe, Donne, Wroth, Cary, Lanier, Bacon, Herbert, Marvell, Askew, Phillips. Prerequisite: ENG 1002G. (Group 3) WI

3804 ENG Milton. (3-0-3) F. Study of Paradise Lost and Milton's other major works of poetry and prose. Prerequisite: ENG 1002G. (Group 3) WI

3805 ENG Restoration and Eighteenth-Century British Literature. (3-0-3) F. Study of British literature and culture from 1660-1790, from the end of the English Civil War to the start of the French Revolution. Writers may include Wycherley, Behn, Dryden, Swift, Pope, Manley, Fielding, Johnson, Gray, Equiano, Sheridan. Prerequisite: ENG 1002G. (Group 4) WI

3806 ENG British Romantic Literature. (3-0-3) F. Study of British literature 1780-1830 with emphasis on such controversies as the French revolution and its aftermath, the role of imagination, human rights and gender, and the aesthetics of form. Writers may include Blake, Wordsworth, Coleridge, Wollstonecraft, Smith, Hemans, Keats, the Shelleys. Prerequisite: ENG 1002G. (Group 4) WI

3807 ENG Victorian Literature. (3-0-3) S. Study of British literature 1830-1901 with emphasis on such topics as aesthetics, gender, empire and race, class, religion, science, and labor. Writers may include Carlyle, Arnold, Tennyson, Browning, Eliot, Dickens, the Brontes, Gaskell, Hardy. Prerequisite: ENG 1002G. (Group 4) WI

3808 ENG. Modern British Literature. (3-0-3) F. British and Irish fiction, drama, and poetry from 1900 to 1950, with emphasis on such writers as Forster, Lawrence, Woolf, Joyce, Rhys, Synge, and Yeats. Prerequisites: ENG 1001G, ENG 1002G. (Group 3.C.) WI

3809 ENG Contemporary British and Anglophone Literatures. (3-0-3) S. Studies in fiction, poetry, and drama published since 1950 in one or more of the following countries: Australia, Canada, Ireland, New Zealand, and the United Kingdom. Such authors as Martin Amis, Margaret Atwood, Eavan Boland, Angela Carter, Caryl Churchill, Seamus Heaney, Phillip Larkin, Iris Murdoch, Zadie Smith, Tom Stoppard, and Patrick White. Prerequisites: ENG 1001G, 1002G. WI

3892 ENG Shakespeare, Honors. (3-0-3) On Demand. A study of representative comedies, histories, tragedies, romances. Prerequisite: ENG 1002G and admission to the Departmental Honors Program or permission of the Department chairperson. (Group 3) WI

3901 ENG Language and Linguistics. (3-0-3) S. A study of kinds of language and linguistic approaches: phonological, syntactic, and semantic analysis; historical, geographic, and social variation. Prerequisite: ENG 1002G. (Group 1) WI

3903 ENG Women, Literature, and Language. (3-0-3) On Demand. May focus on roles of women in literature, on literature by women or on women's

relation to language. May be taken as many as three times with permission of the Department Chairperson. Prerequisite: ENG 1002G. (Group 2) WI

3970 ENG Study Abroad. (Arr.-Arr.-1-15) See STA 3970, Study Abroad.

4275 ENG Internship in Professional Writing. (Arr.-Arr.-4) (Credit/No Credit) Practical experience in the local community to allow the student to apply and develop, outside the traditional classroom, the skills learned in English courses. Prerequisite: ENG 1002G and permission of the Director of the Internship. (Group 6)

4300 ENG Senior Seminar. (3-0-3) F, S. Major topics in British, American, and world literature and language, with topics varying each semester. Topics to be announced. Required of and enrollment limited to English majors. Prerequisite: ENG 1002G. (Group 1) WI

4390 ENG Senior Seminar, Honors. (3-0-3) F. Major topics in British, American, and world literature and language, with varying topics to be announced. Required of and enrollment limited to English majors in the Departmental Honors Program. Prerequisite: Admission to the Departmental Honors Program, senior standing, and permission of the Departmental Honors Coordinator. (Group 1) WI

4644 ENG Honors Thesis. (3-0-3) Intensive research and completion of a thesis on a topic in English approved by a faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. (Group 1) WI

Courses Open to Juniors, Seniors, and Graduate Students

4750 ENG Studies in African-American Literature. (3-0-3) S. Study in-depth of various genres, movements, periods, and major writers in African-American literature. Only one genre, movement, or period or only two or three major writers will be studied during any semester. Topics to be announced. May be taken twice with permission of the Department Chairperson. Prerequisite: ENG 1002G. (Group 6) WI

4752 ENG Studies in Drama. (3-0-3) S. In-depth study of major periods, subgenres, movements, or writers important in understanding dramatic literature and performance. May be taken twice with permission of the Department Chairperson. Prerequisite: ENG 1002G. (Group 6) WI

4760 ENG Studies in Professional Writing (3-0-3) S. Focused study of professional writing, designed to enhance understanding of workplace writing and provide experience in producing it. Topic will vary semester to semester. May be repeated with a different topic with the permission of the Department Chairperson. Prerequisite: ENG 1002G. WC

4761 ENG Creative Nonfiction Writing (3-0-3) F or S. Advanced practice in the writing and revising of creative nonfiction, with an emphasis on the development of the student's individual style. May be taken twice with permission of the Department Chairperson. Group 6. Prerequisite: English 1002G; and 2001 or, with permission of instructor, 2003, 2005, or 2007.

4762 ENG Poetry Writing. (3-0-3) S. Extensive practice in the writing and revising of poetry, with an emphasis on the development of the student's individual style. May be taken twice with permission of the Department Chairperson. Prerequisite: ENG 1002G; ENG 2003 or, with permission of instructor, 2001, 2005 or 2007. (Group 6) WC

4763 ENG Fiction Writing. (3-0-3) S. Extensive practice in the writing and revising of prose fiction, with an emphasis on the development of the student's personal style. Each student will have the option of writing several short stories or one novella. May be taken twice with permission of the Department Chairperson. Prerequisite: ENG 1002G; ENG 2007 or, with permission of instructor, 2001, 2003 or 2005. (Group 6) WC

4764 ENG Play Writing. (3-0-3) F. Advanced practice and instruction in dramatic writing. Though the course will review basic elements common to all dramatic writing, it will allow students to concentrate on the media of their choice: radio, theatre, TV, or film. May be taken twice with permission of the Department Chairperson. Prerequisite: ENG 1002G; ENG 2005 or, with permission of instructor, 2001, 2003 or 2007. (Group 6) WC

4775 ENG Studies in Literary and Cultural Criticism and Theory. (3-0-3) F. Basic principles of evaluating the standard literary genres, or tenets of a specific school of criticism, or the examination of major aesthetic questions. Topics to be announced. May be taken twice with permission of the Department Chairperson. Prerequisite: ENG 1002G. (Group 6) WI

4801 ENG Integrating the English Language Arts. (3-0-3) F, S. Strategies for integrating the English language arts, including literature, composition, speech, drama, and works in other media such as film. Attention to pedagogical theory and its practical applications. Prerequisite: ENG 1002G,

3001; SED 3330 and EDP 3325; for ISEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110. (Group 1) WI

4850 ENG Studies in Third World Literatures. (3-0-3) F. Focused study of major region, theme or writers in nonwestern or third world literatures. Readings are studied in their socio-cultural and historical contexts. May be taken twice with permission of the Department Chairperson. Prerequisite: ENG 1002G. (Group 6) WI

4901 ENG History of the English Language. (3-0-3) F. Historical, geographic, and social dialects of English; phonological changes and other alterations in the structure and vocabulary of the English language. Prerequisite: ENG 1002G. (Group 1) WI

4903 ENG Young Adult Literature. (3-0-3) S. Study of literature written for and about adolescents with emphasis on various genres, movements, themes, and major writers. Prerequisite: ENG 1002G. (Group 6) WI

4905 ENG Studies in Children's Literature. (3-0-3) On Demand. Studies in-depth of some aspect of children's literature. Topics to be announced. May be taken twice with permission of the Department Chairperson. Prerequisite: ENG 1002G. (Group 6) WI

4906 ENG Problems in the Teaching of English. (3-0-3) On Demand. Advanced pedagogy course on various topics, such as the teaching of composition, the teaching of literature, the teaching of language. Topics to be announced. May be taken twice with permission of the Department Chairperson. Prerequisite: ENG 1002G and 3401 or 3402 or permission of the instructor. (Group 6) WI

4950 ENG Literary History. (3-0-3) F, S. A historical study of British and American literary periods, schools, figures, and genres, with emphasis on current resources, methods, and theories in research. Required of and enrollment limited to English majors. Prerequisite: ENG 1002G. (Group 1) WI

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the Graduate Catalog.

FAMILY AND CONSUMER SCIENCES

Undergraduate Courses

1000 FCS Foundations of Family and Consumer Sciences. (2-0-2) F, S. Foundations of the discipline of family and consumer sciences, including history and mission; role in meeting the needs of individuals and families; the integrative nature of the profession; and career opportunities.

1120 FCS Food Selection and Preparation. (2-2-3) F, S. Food selection considerations and basic food preparation practices.

1121 FCS Food Service Sanitation. (1-0-1) F, S. Food production and food service sanitation and safety standards and regulations for food service operations including food storage, food handling practices and food borne illnesses.

1800 FCS Life Span Human Development. (3-0-3) F, S. Growth and development of the individual from conception through senescence. Influence of family and society on individual development in each stage of the life cycle.

2000 FCS Family Perspectives. (3-0-3) F, S. Perspectives to understanding and analyzing family structure and function, interpersonal dynamics, individual family roles, the role of the family in society, and the formative influences of heritage and culture. Prerequisite: FCS 1000. WI

2100 FCS Nutrition in a Global Society. (3-0-3) Study of the impact of individual food behaviors on the nutritional status of individuals, families, and the global society and the identification of behavior change strategies to positively influence health outcomes.

2140 FCS Quantity Food Production. (2-2-3) F, S. Practical experience in quantity food production, menu planning, recipe standardization and quality improvement. Prerequisite: FCS 1120, FCS 1121, and FCS 2100.

2190 FCS Nutrition in a Global Society, Honors. (3-0-3) F. Study of the impact of individual food behaviors on the nutritional status of individuals, families, and the global society and the identification of behavior change strategies to positively influence health outcomes. Prerequisite: Admission to the University Honors College.

2231 FCS Sociology of Clothing. (3-0-3) F. Significance of sociological logical and psychological reasons for clothing selection; political and economic trends affecting clothing.

2232 FCS Historic Costume and Fashion Analysis. (3-0-3) S. A historic study of costume (apparel) design and production development as related to current fashion.

2233 FCS Fashion Distribution Systems. (3-0-3) F. Analysis of businesses that distribute and sell both hard and soft lines of fashion goods; emphasis on identification of target customers, organizational structure, promotional activities, and human resource considerations for these types of businesses.

2234 FCS Clothing and Soft Goods Construction. (1-4-3) F, S. A study of basic principles of clothing construction processes.

2244 FCS Consumer Textiles: Care and Production. (3-0-3) F, S. Study of family clothing, common household and commercial textile product development as it relates to the consumer.

2250 FCS Consumer Technology. (3-0-3) F, S. Overview of consumer technology principles, effective decision making, resource management, marketing, paradigms, trends and roles of entities; ethical and consequential impact of technology rejection, adoption and disposal on diverse consumers, families and environmental resources in the global marketplace.

2270 FCS Housing. (3-0-3) F, S. Effect of housing on individuals and families; emphasis on housing selection as determined by needs, resources, legal, and financial aspects.

2700 FCS The Hospitality Industry. (3-0-3) F, S. Overview of the hospitality industry with focus on history, career opportunities, maintaining industry standards, and organizational structures of various types of hospitality ventures.

2740 FCS Lodging Operations. (3-0-3) S. Examines hotel and resort rooms division management and operating procedures, including front desk and housekeeping operations and guest relations. Prerequisite: FCS 2700.

2784 FCS Hospitality Sales and Service. (3-0-3) F. An analysis of marketing methods used by sales and service departments in hospitality businesses with an emphasis on selling, planning for, and servicing group meeting and convention business. Prerequisite: FCS 2700 and FCS 2740. WI

2800 FCS Family Relationships. (3-0-3) Study of the family as the basic unit of society; personal relationships, and family interaction throughout the family life cycle. WI

2831 FCS Women in Contemporary Society. (3-0-3) F, S. An interdisciplinary study of the emergence of women as a viable force in contemporary society.

2850 FCS Child Development. (3-0-3) F, S. The physical, intellectual, social, and emotional development of the pre-school child.

3000 FCS Family Resource Management. (3-0-3) F, S. Family resource management and management theory and application, including individual and family decision-making behavior related to acquisition and allocation of resources in socially responsible ways. Prerequisite: FCS 1000 and FCS 2000. WI

3120 FCS Food Science. (2-4-4) S. Scientific principles underlying food preparation and processing; principles of experimental methodology as applied to food science. Prerequisite: CHM 2430/2435, FCS 1120, FCS 1121, and MAT 2250G. WI

3233 FCS Fashion Buying. (3-0-3) S. Analysis of the buying of fashion in the areas of clothing and home furnishings. Emphasis on decision-making applications to merchandise assortment, pricing, inventory control, and profit. Prerequisite: FCS 2233 and BUS 2101.

3245 FCS Textiles: Color Design Production (3-0-3) F, S. This upper level course will focus on molecular (polymer) structure and its influence on design, fabrication, coloration and manufacturing of apparel, home and commercial textiles. Prerequisite: FCS 2244; Computer and World Wide Web proficiency required. WI

3300 FCS Consumer Education. (3-0-3) F, S. A study of factors affecting the buymanship of food, clothing, housing, transportation, credit, and insurance. Credit not granted for both FCS 3300 and CTE 3000.

3340 FCS Club Management. (3-0-3) S. A study of the organization, administration, operations and opportunities within the club industry with emphasis on the manager's duties. Prerequisite: FCS 2700 and BUS 2101.

3750 FCS Independent Study in Family and Consumer Sciences. (1-0-1) or (2-0-2) or (3-0-3) Provides opportunity for in-depth study of family and consumer sciences subjects for which there is not an established course. Course may be repeated for up to 9 credit hours. Prerequisite: Prior approval by the instructor and the chair.

3755 FCS Nutrition Across the Lifespan. (3-0-3) F. Concepts of normal human nutrition with emphasis on nutrient needs throughout the lifespan. Prerequisites: FCS 2100, CHM 1410G, CHM 1415G, BIO 2001G.

3756 (3151) FCS Community Nutrition. (3-0-3) F. Factors influencing human nutrition needs and eating patterns and related counseling and educational techniques for use in the community setting. Prerequisites: FCS 2100 and FCS 3755. WI

3784 FCS Commercial Quantity Food Production. (1-8-5) F, S. An experiential based course where students develop the skills needed to plan, produce and serve meals to customers in a commercial setting. Topics and activities include menu planning, procurement, food production, customer service, marketing and management of meal functions. Prerequisite: FCS 1120, FCS 1121, FCS 2700.

3786 FCS Hospitality Operations and Cost Control. (3-0-3) S. Integration of hospitality industry operations with emphasis on concepts and application of hospitality managerial accounting to hospitality operations, evaluations and decision making. Prerequisite: FCS 2700 and BUS 2101. (This course was formerly FCS 3796.)

3800 FCS Family Life and Sex Education. (3-0-3) To prepare professionals such as family service personnel, educators, and parents to work with individuals and families at various stages in the family life cycle in the area of family life and sex education.

3820 FCS. The Family in Social Change. (2-0-2) F. The study of social change in the family and recent trends in family life and family life education. Prerequisite: FCS 1800 or FCS 2800.

3853 FCS Practicum in Child Development. (1-4-3) F, S. A laboratory experience focused on the physical, emotional, social, and cognitive development of the older toddler and preschool-age child. Includes program organization, child and group guidance, parent-teacher relationships, naturalistic observation, and child study. Prerequisite: FCS 2850 or ELE 2320 or 2321 or PSY 3515 or permission of the instructor. WI

4000 FCS Professional Focus of Family and Consumer Sciences. (2-0-2) F, S. Professional integrative focus on the discipline of family and consumer sciences and preparation for professional practice. Prerequisite: FCS 1000, FCS 2000, FCS 3000 and completion of 75 hours.

4150 FCS The Profession of Dietetics. (1-0-1) F. An overview of the field of dietetics, including an in-depth look at the numerous opportunities in dietetics and the application process for the post-baccalaureate dietetic internship. Prerequisite: Completion of 75 hours.

4230 FCS Special Topics in Family and Consumer Sciences (1-0-1) or (2-0-2) or (3-0-3) On Demand. Study of special topics and emerging areas in family and consumer sciences not usually covered in other courses. Study may include readings, reports, and group discussions. May be repeated for credit if a different topic is taught. Prerequisite: Permission of the instructor.

4235 FCS International Special Topics in Family and Consumer Sciences. (1-0-1) or (2-0-2) or (3-0-3) On Demand. Focused study of international topics in foods/nutrition, family studies, consumer affairs, housing, and/or other areas related to family and consumer sciences with variable course content. Intended to provide international focus and in-depth study of current topics not covered in other courses. May be repeated for credit if a different topic is taught. Prerequisite: Permission of the instructor.

4275 FCS Internship. (Arr.-Arr.-3 to 9) (Credit/No Credit) An individually-planned work experience in a business or agency appropriate to the student's area of specialization. Prerequisite: FCS 4000, junior standing, permission of the Chair of the School of Family and Consumer Sciences, and acceptance of the student by a business or agency.

4300 FCS Consumer Issues. (2-0-2) F, S. Current issues and problems confronting individuals and families in managing their resources. Prerequisite: FCS 3300. WI

4340 FCS Conventions and Trade Shows. (3-0-3) F. Organization, arrangement and operation of conventions, trade shows, and concessions. Prerequisite: BUS 2101, BUS 3470, FCS 2700, and FCS 3786.

4345 FCS Hospitality Administration. (3-0-3) F, S. Administrative aspects of hospitality businesses with emphasis on hotels, motels, beds and breakfasts, and eco-lodges. Prerequisite: BUS 2101, BUS 3010, BUS 3470, FCS 3790, FCS 3786, FCS 4000, and FCS 4275.

4350 FCS Dining Room Management. (3-0-3) F. Examines the basic principles of dining room service and management, including classic and contemporary methods of service, dining room organization, service quality standards, beverage management and service, cost control, customer service

relations, and supervisory techniques. Prerequisite: FCS 2140 or FCS 3784 and BUS 2101.

4440 FCS Undergraduate Research. (Arr.-Arr.-1-3). On Demand. This course provides the opportunity for undergraduate students to perform individualized laboratory or theoretical research in collaboration with a faculty member. Prerequisite: Cumulative GPA of 2.50; at least junior status and permission of supervising faculty member. May be repeated for a maximum of 6 credits.

4444 FCS Honors Independent Study. (Arr.-Arr.-3) Consideration of special topics in family and consumer sciences. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisite: Admission to the Departmental Honors College and permission of the Departmental Honors Coordinator.

4555 FCS Honors Research. (Arr.-Arr.-3) In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Any methodology may be utilized. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4644 FCS Honors Thesis. (Arr.-Arr.-3) Intensive research in preparation of a thesis on a topic in family and consumer sciences approved by faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

Courses Open to Juniors, Seniors, and Graduate Students

4750 FCS Advanced Human Nutrition. (3-0-3) S. Emphasis on biochemical functions of nutrients in the study of human nutrition. Prerequisite: CHM 1310G, 1315G, 1410, 1415, 2430, 2435, and 3300; FCS 2100 and 3755; and BIO 2001G; or permission of instructor.

4751 FCS Nutrition Therapy. (4-0-4) F. Application of the science of nutrition to the maintenance of optimum health and the role of nutrition in the prevention and treatment of disease. Prerequisite: CHM 2430/2335, FCS 2100, and FCS 3755.

4752 FCS Focus on Diabetes. (1-0-1) S. In-depth study of diabetes, including the roles of medical nutrition therapy, pharmaceutical therapy, and exercise to promote self-management of diabetes. Prerequisite: FCS 2100 or permission of the instructor.

4753 FCS Nutrition and the Addicted Person. (1-0-1) S. Consideration of nutrition needs and eating problems of addicted persons; nutrition management and treatment plans. Prerequisite: FCS 2100.

4755 FCS Nutrition for Physical Performance. (3-0-3) F, S. Examination of metabolism and energy systems related to physical performance. Planning optimum diets for performance. Examine/evaluate controversial practices that may influence metabolism and performance. Prerequisite: FCS 2100 and BIO 2001G.

4756 FCS Adult Weight Management. (3-0-3) F, S. Study of economic and health impact of overweight/obesity on individuals and society as well as the application of weight management therapies for treatment. Prerequisites: FCS 2100 and BIO 2001G.

4760 FCS Hospitality Franchising. (3-0-3) S. Analysis of the franchise concept, the franchisee-franchisor relationship, legal regulations impacting the operation of a franchised hospitality business, and an analysis of current franchise opportunities in the hospitality industry. Prerequisite: FCS 2700, FCS 2740, FCS 3784, FCS 3786, BUS 2101, and BUS 2710.

4770 FCS Consumer Decisions in the Marketplace. (3-0-3) F. Use of personal and family resources to improve consumer decision-making including discussion of government and business influences. Prerequisite: FCS 3300 or permission of the instructor.

4820 FCS Death and Dying. (3-0-3) Issues of death and dying and their implications for individuals and their families.

4838 FCS Pattern Development & Design. (2-2-3) S. Application of flat patterning theories and techniques to create original apparel and accessory products using industry state-of-the-art patterning software Prerequisites: FCS 2234 Principles of Clothing Construction or graduate student status or permission of instructor after evaluation of clothing construction samples.

4840 FCS The Disadvantaged Family. (3-0-3) Low income and minority group families and their values, needs, problems, and practices. Prerequisite: FCS 1800 or FCS 2800.

4845 FCS The Family in Crisis. (3-0-3) In-depth study of major crisis situations faced by families. Some emphasis on resources that offer help to families faced with crisis situations. Prerequisite: FCS 1800 or FCS 2800.

4846 FCS Aging and the Family. (3-0-3) Aging as a phase in the family developmental process and the consequent effect. Prerequisite: FCS 1800 or FCS 2800.

4851 FCS Infant Development. (2-2-3) Study of current theories and research on infant and toddler development and care. Application of knowledge through super-vised observation and participation in Family and Consumer Sciences Infant Development Laboratory. Prerequisite: FCS 2850 or permission of the instructor.

4854 FCS Parent-Child Study and Community Involvement. (3-0-3) Detailed study of parent-child interaction and community involvement; in-depth study of parent education programs, methodology, and techniques. Observations required.

4859 FCS Administration of Child Care Programs. (3-0-3) Organization, administration, curricula, facilities, licensing, parent involvement/education, and types of child care programs are presented. Observation required.

4860 FCS Addictions and the Family. (3-0-3) F, S. Study of the interaction effects between the addicted person and the family and significant others; educational techniques and family intervention strategies for families of addicted persons. Prerequisite: FCS 1800 or FCS 2800.

4926 FCS Public Presentation Techniques. (3-0-3) F, S. Development of visual merchandising techniques and materials to present goods and services in relationship to functional and aesthetic concerns. Prerequisite: Graduate Status or FCS 1000, FCS 2244.

4940 FCS Food Systems Management. (3-0-3) F, S. Organization and administration of food service systems, human resource management, cost control, food purchasing, facility and equipment planning. Prerequisite: BUS 2101, BUS 3010, FCS 1120, FCS 1121, and FCS 2140 or 3784, or permission of the instructor.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the Graduate Catalog.

FINANCE

Undergraduate Courses

3300 FIN Fundamentals of Financial and Tax Planning. (3-0-3) S. An introduction to the financial and tax planning process. Prerequisite: Admission to the School of Business and BUS 3710, or permission of the Associate Chair.

3720 FIN Investments. (3-0-3) F, S. The study of investment theories and practices for implementing investment goals in relation to risk-return tradeoffs. Prerequisite: BUS 2710 with a C or better or BUS 3710 with a grade of C or better, BUS 2810, and admission to the School of Business or to a minor offered by the School of Business, or permission of the Associate Chair.

3730 FIN Financial Markets: Commodities, Derivatives, and Securities. (3-0-3) F, S. The course provides comprehensive discussion of the financial sector including financial markets, determination of interest rates, and valuation and uses of derivative securities. Prerequisite: BUS 3710 with a grade of C or better and admission to the School of Business or permission of the Associate Chair. WI

3740 FIN Real Estate Fundamentals. (3-0-3) On Demand. A study of theory and practice in real estate, with social, legal and economic implications. Prerequisite: BUS 3710 with a grade of C or better, junior standing, and admission to the School of Business or permission of the Chair, School of Business.

3750 FIN Management of Financial Institutions. (3-0-3) F, S. The management, organizational structure, regulatory environment, and risks of financial institutions. Prerequisite: BUS 3710 with a grade of C or better or BUS 2710 with a C or better, and admission to the School of Business or to a minor offered by the School of Business, or permission of the Associate Chair.

3760 FIN Real Estate Investment (3-0-3) On Demand. A study of the unique characteristics of real property and the application of standard finance concepts to real estate investment analysis with considerations for mixed asset portfolios. Prerequisite: BUS 3710 with a grade of C or better; FIN 3720; and admission to the School of Business or permission of the Associate Chair.

3770 FIN Working Capital Management. (3-0-3) F, S. The management of the short-term assets and liabilities of a business. Includes financial

forecasting, banking and bank relationships, short-term sources and uses of funds. Prerequisite: BUS 3710 with a C or better or BUS 2710 with a C or better, and admission to the School of Business or to a minor offered by the School of Business, or permission of the Associate Chair.

3780 FIN Long-Term Financial Management. (3-0-3) F, S. The management of the long-term assets and liabilities of a business. Includes capital budgeting, capital structure, cost of capital, and dividend decisions. Prerequisite: BUS 3710 with a grade of C or better and admission to the School of Business or permission of the Associate Chair.

3900 FIN Risk and Insurance. (3-0-3) On Demand The study of risk management to include life, health, property, and liability insurance. Prerequisite: BUS 2102 and BUS 3710 with a grade of C or better, ECN 2802G, junior standing, and admission to the School of Business or permission of the Associate Chair.

3970 FIN Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4110 FIN Special Topics in Finance. (3-0-3) On Demand. Topics to be announced. May be repeated for different topics. Prerequisite: BUS 3710, with a grade of C or better, admission to the School of Business or permission of the Associate Chair. Specific additional prerequisites will depend on the topic.

4200 FIN Portfolio Management. (3-0-3) F, S. An introduction to constructing and managing investment portfolios. The emphasis is on maximizing investors' risk-adjusted returns through security selection and diversification. Prerequisite: FIN 3720 and FIN 3730, and admission to the School of Business or permission of the Associate Chair.

4220 FIN Applied Securities Analysis. (3-0-3) F, S. An integration of investment and portfolio management concepts with applications to real-time portfolio management. Students research, recommend, and execute buy/sell orders. Topics include analyst research, research report writing, portfolio manager decision-making, and development of skills to recognize anomalies in security markets. Prerequisite: FIN 3720 and FIN 3730, admission to the School of Business, and permission of the instructor.

4275 FIN Internship in Finance. (Arr.-Arr.-1-12) (Credit/No Credit) Monitored work or service experience requiring development and application of finance knowledge and skills. Prerequisite: Admission to the School of Business, BUS 3710, and approval of Internship Learning Agreement by School of Business Associate Chair. Up to 12 hours of internship credit may be counted for graduation.

4300 FIN Retirement and Estate Planning. (3-0-3) S. An integration of the financial planning process, concepts and applications into structuring planning for retirement and the transfer of assets through a will, or trusts and gifts. Prerequisite: Admission to the School of Business and BUS 3710, or permission of the Associate Chair.

4400 FIN Financial Analysis and Planning (3-0-3) On Demand. A seminar approach to studying the contemporary issues concerning analysis of firm performance and development of financial plans to support the firm's strategic objectives. Prerequisite: BUS 3710 with a grade of C or better, FIN 3720, FIN 3730, FIN 3770, and FIN 3780.

4740 FIN Independent Study (Arr.-Arr.-1-3) Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Prerequisite: Admission to the School of Business, BUS 3710, senior standing, cumulative grade-point average of 3.0 or higher, consent of the supervising instructor and approval of a completed application by the Associate Chair, School of Business, prior to registration.

Courses Open to Juniors, Seniors, and Graduate Students

4820 FIN International Finance. (3-0-3) F. Financial aspects of operating multinational firms. Topics included are international markets, exchange rate theories, foreign trade financing, and both raising funds and investing resources internationally. Prerequisite: BUS 3710 with a grade of C or better, FIN 3730, ECN 3860 and admission to the School of Business or permission of the Associate Chair. WI

4830 FIN Current Issues in Finance. (3-0-3) On Demand. A seminar approach to studying the contemporary issues of concern in the fields of corporate finance, investments, and financial markets and institutions. Prerequisite: BUS 3710 with a grade of C or better, FIN 3720, FIN 3730, FIN 3770, FIN 3780.

FOREIGN LANGUAGES

Conversational Courses, 1001 and 1002

As part of its comprehensive course listings, the Department of Foreign Languages offers two conversational courses in French, German, and Spanish. These are numbered 1001 and 1002 and are two semester hours each. While they may be taken Credit/No Credit only, they are not counted against the Credit/No Credit option limit of courses. 1001 is primarily for

beginners. However, a student with up to but no more than one year of high school study in foreign language may enroll. A student with any college credit in foreign language may not take this course for credit. 1002 is primarily for those students who have completed 1001. However, a student with one or two years of high school study in foreign language may also enroll. A student with any college credit in foreign language other than 1001 may NOT take 1002 for credit.

Note: For enrollment in other language courses after earning credit in one or more of the C/NC courses above, consult the Department Chairperson.

Placement

A student who wishes to continue the study of a language begun in high school should enroll in an appropriate language course as indicated below. If previous language study was not recent, placement at a lower level may be more appropriate. Permission is required from the Department Chairperson.

High School Units

Less than 2 years	Elementary 1101
2 years	Elementary 1102
3 years	Intermediate 2201G
4 years	Intermediate 2201G, 2202G, or 3000 level
4+ years	Intermediate 2202G or 3000 level

Advanced Competency Credit Policy

Advanced Competency Credit is credit toward graduation for previously acquired language proficiency. It is available in French, German and Spanish only.

1. To be eligible a student must apply for Advanced Competency Credit during the first semester he or she is enrolled in a foreign language course.
2. A transfer student who took language courses at another institution and received college credit for these courses will not be eligible for Advanced Competency Credit in those languages.
3. Advanced Competency Credit will be granted as follows:

A student beginning at the 1102 level and completing eight semester hours of course work with a grade of C or better in each course will be granted four semester hours of advanced competency credit.

A student beginning at the 2201G or higher level and completing eight semester hours of course work with a grade of C or better in each course will be granted six semester hours of advanced competency credit.

Independent study courses, courses taken credit/no credit, and courses for which Advanced Placement Credit has been granted may not be included in the total required to qualify.

Qualifying courses should be taken consecutively or concurrently unless approval for another arrangement is obtained from the Department Chairperson.

Undergraduate Courses Taught in English

2050 FLE Comparative Language Structures. (3-0-3) F. Introduction to phonetics, morphology and lexicology with emphasis on French, German, Latin and Spanish. No prerequisite, but Foreign Languages 1102 or equivalent is recommended.

2061G FLE German Literature in Translation. (3-0-3) F, S, or Su. This course is designed to introduce students to a representative sample of German literature and literary movements from 1750 to 1950. Course is taught in English. All texts are in English translation. Prerequisite: ENG 1001G and ENG 1002G. WI

2062G FLE Hispanic Literature in Translation. (3-0-3) F, S, or Su. This course is a survey of representative works of Hispanic Literature in English translation. Course is taught in English. All texts are in English translation. Prerequisite: ENG 1001G and ENG 1002G. WI

2063G FLE Francophone Literature in Translation. (3-0-3) F, S, or Su. A survey of representative works, literary movements and their cultural implications from Francophone literature around the world presented in English translation. Course is taught in English. All texts are in English translation. Prerequisite: ENG 1001G and ENG 1002G. WI

3000 FLE Media and Global Communication. (3-2-3) On Demand. Students will be introduced to a wide variety of global electronic media including the World Wide Web. In addition to learning basic research and navigational skills, students will create a multimedia presentation, a training program, or a website as part of their department portfolio. Prerequisite: ENG 1001G and ENG 1002G. Three years of high school language (or concurrent enrollment in 2201G or above).

3050 FLE Culture and Language in the French-Speaking World. (3-0-3) On Demand. Students will be introduced to French-speaking communities

throughout the world. This course will examine the diverse factors throughout history that have created these Francophone communities and some of the contemporary threats to their cohesion and growth. Prerequisite: ENG 1001G and ENG 1002G.

3400 FLE Methods of Teaching Foreign Language. (3-0-3) F. Thirty clock hours in pre-student teaching are required. Prerequisite: EDP 3331 and SED 3330; for ISEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110.

3950 FLE Introduction to Historical Linguistics. (3-0-3) On Demand. Introduction to historical and comparative linguistics with emphasis on the Indo-European languages. Prerequisite: Foreign Languages 2202G, ENG 3901 or consent of the Instructor.

4400 FLE Independent Study in Foreign Languages. (Arr.-Arr.-1-3) Intensive individual study of a topic selected by the student in collaboration with the instructor in a foreign language in which no advanced courses are offered. Prerequisite: Consent of instructor. May be taken twice with permission of Department Chairperson.

4405 FLE Topics in Literature in Translation (3-0-3) On Demand. Intensive study and writing on topics in literature in English translation. May be taken twice with the permission of the Department Chair. Prerequisite: ENG 1001G, 1002G. WI

French

1001 FLF Conversational French I. (2) Credit/No Credit only. This course is not counted against the Credit/No Credit option limit of courses. This course is primarily for beginners. However, a student with up to but no more than one year of high school study in French may enroll. A student with any college credit in French may not take this course for credit.

1002 FLF Conversational French II (2) Credit/No Credit only. This course is not counted against the Credit/No Credit option limit of courses. This course is primarily for those students who have completed FLF. 1001. However, a student with one or two years of high school study in French may also enroll. A student with any college credit in French other than 1001 may NOT take 1002 for credit.

1101 FLF Elementary French I. (4-0-4) F, S. First semester of a two-semester course in which speaking, listening, reading, writing and culture are emphasized. Use of language laboratory. No more than one year high school French allowed without permission of Department Chairperson.

1102 FLF Elementary French II. (4-0-4) F, S. Second semester of a two-semester course in which speaking, listening, reading, writing, and culture are emphasized. Use of language laboratory. Prerequisite: FLF 1101 or equivalent. No more than two years of high school French allowed without permission of the Department Chairperson.

2201G FLF Intermediate French I. (4-0-4) F, S. Review of grammar; exercise in composition and conversation; reading of selected material. Use of the language laboratory. Prerequisite: For FLF 2201G, French 1102 or three years of high school French; or three years of high school French or permission of the Department Chairperson. **H1 900 WI**

2202G FLF Intermediate French II. (4-0-4) F, S. Review of grammar; exercise in composition and conversation; reading of selected material. Use of the language laboratory. Prerequisite: French 2201G or three years of high school French or permission of the Department Chairperson. **H1 900 WI**

3220 FLF French for Business. (3-2-3) On Demand. This course is an integrated, applied language program that targets business and technology from an everyday life perspective. All four language skills are stressed (reading, writing, listening, and speaking) within an authentic matrix of French and francophone culture. Prerequisite: FLF 2202G or the equivalent.

3300 FLF French Phonetics. (3-0-3) On Demand. Systematic drills used to increase the student's knowledge of the phonological structure of French and to eliminate errors caused by the interference of the student's native English. Prerequisite: FLF 2202G or permission of the Department Chairperson.

3301 FLF French Conversation. (3-0-3) On Demand. Consolidation of grammatical and phonological principles through their application in oral expositions. Prerequisite: FLF 2202G or permission of the Department Chairperson.

3302 FLF French Advanced Grammar. (3-0-3) On Demand. A study of some of the problems in French speaking and writing faced by English speakers and writers. Prerequisite: FLF 2202G or permission of the Department Chairperson. WI

3304 FLF French Civilization. (3-0-3) On Demand. A contrastive study of certain aspects of contemporary French and American culture. Prerequisite: FLF 2202G or permission of the Department Chairperson. WI

3305 FLF French Literature I. (3-0-3) On Demand. Survey of French literature from the Middle Ages to the eighteenth century. Prerequisite: FLF 2202G or permission of the Department Chairperson. WI

3306 FLF French Literature II. (3-0-3) On Demand. Survey of French literature from the eighteenth century to the present. Prerequisite: FLF 2202G or permission of the Department Chairperson. WI

3401 FLF Cadet Teaching. (Arr.-Arr.-1-3) Observation and supervised micro-teaching in the French classroom. Prerequisite: FLF 3000, its equivalent, or permission of the Department Chairperson.

3820 FLF French Composition and Stylistics. (3-0-3) On Demand. A study of basic principles essential for effective formal and informal writing in French. Prerequisite: FLF 2202G or permission of the Department Chairperson.

3970 FLF Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4100 FLF Topics in Francophone Cultures. (3-0-1-3) On Demand. Special topics in French and Francophone cultures not ordinarily treated in standard courses. Topic and outlines of course will vary. Prerequisite: Six credits beyond FLF 2202G or consent of department chairperson. Course may be taken twice with consent of the Department Chairperson. WI

4200 FLF Topics in Francophone Literatures. (3-0-1-3) On Demand. Special topics in French and Francophone literatures not ordinarily treated in standard courses. Topic and outline of course will vary. Prerequisite: Six credits beyond FLF 2202G or consent of department chairperson. Course may be taken twice with consent of the Department Chairperson. WI

4275 FLF Internship. (Arr.-Arr.-1-4) (Credit/No Credit only) A foreign or nationally based language learning experience in which the student applies and develops skills learned in French courses outside the traditional classroom. No more than four semester hours may be counted toward the major or three semester hours toward the minor in the language in lieu of Advanced Conversation courses. Course may be repeated for a combined total credit of up to 4 semester hours. Prerequisite: Two years of a college-level foreign language including FLF 3301 or 3302, or a proficiency level of "intermediate-high" according to ACTFL guidelines; permission of the Department Chairperson.

4400 FLF Independent Study. (Arr.-Arr.-1-3) Intensive individual study of a topic in French, selected by the student in collaboration with the instructor and under the general supervision of the instructor. NOTE: A maximum of three semester hours of credit may be applied to the major or minor in French. Course may be repeated for a maximum combined credit of 3 semester hours. Prerequisite: Minimum GPA of 2.5, junior or senior standing and majoring in Foreign Languages or permission of the Department Chairperson. WI

4401 FLF French Novel I. (3-0-3) On Demand. Selected novels from Mme. de La Fayette to Balzac. Prerequisite: Three years of college French or permission of the Department Chairperson. WI

4402 FLF French Novel II. (3-0-3) On Demand. Selected novels from Stendhal to the present. Prerequisite: Three years of college French or permission of the Department Chairperson. WI

4444 FLF Honors Independent Study. (Arr.-Arr.-3) Intensive study and writing on topics in foreign language, literature and culture approved by faculty supervisor and Departmental Honors Coordinator. May be taken twice. Prerequisite: Admission to the Departmental Honors Program and permission of the Department Chairperson. WI

4644 FLF Honors Thesis. (Arr.-Arr.-3) Intensive research and preparation of a thesis on a topic in foreign language, literature or culture approved by faculty supervisor and Departmental Honors Coordinator. May not be repeated. Prerequisite: Admission to the Departmental Honors Program and permission of the Department Chairperson. WI

4666 FLF Honors Seminar. (3-0-3) Reading, writing and discussion on selected topics in foreign language, literature and culture. A term paper and a seminar presentation are required. May be taken twice. Prerequisite: Admission to the Departmental Honors Program and permission of the Department Chairperson. WI

Courses Open to Juniors, Seniors, and Graduate Students

4760 FLF French Drama. (3-0-3) On Demand. French drama from the fifteenth century to the present. WI

4770 FLF French Poetry. (3-0-3) On Demand. Selected authors from Villon to the present. WI

General

1101 FLX Elementary Language Course I (4-0-4) On Demand. This course is designed to provide students with basic knowledge of grammar, vocabulary and culture that will enable them to develop level-appropriate communicative skills and perform basic tasks in a society in which the target language is spoken.

1102 FLX Introductory Language Course II. (4-0-4) On Demand. This course is designed to provide students with further knowledge of grammar, vocabulary and culture that will enable them to develop level-appropriate communicative skills and perform tasks in a society in which the target language is spoken. Prerequisite: FLX 1101 or equivalent course work.

German

1001 FLG Conversational German I. (2) Credit/No Credit only. This course is not counted against the Credit/No Credit option limit of courses. This course is primarily for beginners. However, a student with up to but no more than one year of high school study in German may enroll. A student with any college credit in German may not take this course for credit.

1002 FLG Conversational German II (2) Credit/No Credit only. This course is not counted against the Credit/No Credit option limit of courses. This course is primarily for those students who have completed FLG. 1001. However, a student with one or two years of high school study in German may also enroll. A student with any college credit in German other than 1001 may NOT take 1002 for credit.

1101 FLG Elementary German I. (4-0-4) F, S. First semester of a two-semester course in speaking, listening, reading, writing, and culture are emphasized.

1102 FLG Elementary German II. (4-0-4) F, S. Second semester of a two-semester course in which speaking, listening, reading, writing, and culture are emphasized. Prerequisite: FLG 1101 or equivalent.

2201G FLG Intermediate German I. (4-0-4) F. Review of grammar practice of conversation and composition, reading of selected materials. Prerequisite: FLG 1102 or three years of high school German. **H1 900** WI

2202G FLG Intermediate German II. (4-0-4 each course) S. Review of grammar practice of conversation and composition, reading of selected materials. Prerequisite: FLG 2201G, four years of high school German or permission of the Department Chairperson. **H1 900** WI

3101 FLG German Conversation and Composition I. (3-0-3) F. First semester of a two-semester sequence of German conversation and composition. Prerequisite: FLG 2202G or equivalent. WI

3102 FLG German Conversation and Composition II. (3-0-3) S. Second semester of a two-semester sequence of conversation and composition. Prerequisite: FLG 3101, its equivalent or permission of the Department Chairperson. WI

3200 FLG German Culture and Civilization. (3-0-3) On Demand. Survey of German culture and civilization from its beginning to the present. Prerequisite: FLG 2202G or permission of the Department Chairperson.

3303 FLG German Linguistics. (3-0-3) On Demand. Systematic drills used to build the student's knowledge of the structure of German and to eliminate errors caused by the patterns of the student's native English. Prerequisite: FLG 2202G or permission of the Department Chairperson.

3310 FLG Survey of German Literature I. (3-0-3) On Demand. Survey of German literature to 1700. Prerequisite: Three years of college German or permission of the Department Chairperson. WI

3311 FLG Survey of German Literature II. (3-0-3) On Demand. Survey of German literature from 1700 into the twentieth century. Prerequisite: FLG 2202G or permission of the Department Chairperson. WI

3315 FLG German Lyrics and Ballads. (3-0-3) On Demand. An examination of German language and culture through the exploration of popular lyrics and ballads. Prerequisite: FLG 2202G or permission of the Department Chairperson. WI

3330 FLG German for Business. (3-0-3) On Demand. Practice in oral and written communication for the business world; conventions of letter writing, banking, import/export and other commercial transactions. Prerequisite: FLG 3301, or three years of high school German, or equivalent. WI

3401 FLG Cadet Teaching in German. (Arr.-Arr.-3) (F, S) Supervised micro-teaching in one of the area elementary schools. Teaching majors and minors only. Prerequisite: Acceptance into Teacher Certification Program.

3970 FLG Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4275 FLG Internship. (Arr.-Arr.-1-4). (Credit/No Credit only) A foreign or nationally based language learning experience in which the student applies and develops skills learned in German courses outside the traditional classroom. No more than four semester hours may be counted toward the major or three semester hours toward the minor in the language in lieu of Advanced Conversation courses. Course may be repeated for combined total credit of 4 semester hours. Prerequisite: Two years of a college level foreign language and German 3301 or a proficiency level of "intermediate-high" according to ACTFL guidelines; permission of the Department Chairperson.

4400 FLG Independent Study. (Arr.-Arr.-1-3) Intensive individual study of a topic in German, selected by the student in collaboration with the instructor and under the general supervision of the instructor. NOTE: A maximum of three semester hours of credit may be applied to the major or minor in German. Prerequisite: Minimum GPA of 2.5, junior or senior standing and majoring in Foreign Languages or permission of the Department Chairperson. Course may be repeated for a maximum combined credit of 3 semester hours. WI

4405 FLG Topics of German Literature. (3-0-3) On Demand. Varies. Prerequisite: Three years of college German or permission of the chairperson of the department. May be taken twice with permission of the Department Chairperson. WI

4444 FLG Honors Independent Study. (Arr.-Arr.-3) Intensive study and writing on topics in foreign language, literature and culture approved by faculty supervisor and Departmental Honors Coordinator. May be taken twice. Prerequisite: Admission to the Departmental Honors Program and permission of the Department Chairperson. WI

4644 FLG Honors Thesis. (Arr.-Arr.-3) Intensive research and preparation of a thesis on a topic in foreign language, literature or culture approved by faculty supervisor and Departmental Honors Coordinator. May not be repeated. Prerequisite: Admission to the Departmental Honors Program and permission of the Department Chairperson. WI

4666 FLG Honors Seminar. (3-0-3) Reading, writing and discussion on selected topics in foreign language, literature and culture. A term paper and a seminar presentation are required. May be taken twice. Prerequisite: Admission to the Departmental Honors Program and permission of the Department Chairperson. WI

4740 FLG Goethe. (3-0-3) Alternate years. In-depth study of selected works by Goethe. WI

Courses Open to Juniors, Seniors, and Graduate Students

4750 FLG Introduction to German Stylistics. (3-0-3) On Demand. Elements of prose composition: form, style and content. Prerequisite: Three years of college German or permission of the Department Chairperson.

4751 FLG German for Reading Knowledge I (4-0-4) On Demand. German Reading 1. This course is designed to introduce students to a basic knowledge of German that they can then use to do research in German in their chosen field. This course cannot be used to meet any requirements of the major in Foreign Languages, German concentration or the German minor.

4752 FLG German for Reading Knowledge II (4-0-4) On Demand. German Reading 2. This course is designed to prepare and then to give students an opportunity to do research in German in their chosen fields. This course cannot be used to meet any requirements of the major in Foreign Languages, German concentration or the German minor. Prerequisite: FLG 4751 or permission of the Department Chair and the Instructor.

Latin

1101 FLL Elementary Latin I. (4-0-4) F. First semester of a four-semester sequence in which reading and translating Classical Latin are emphasized.

1102 FLL Elementary Latin II. (4-0-4) S. Second semester of a four-semester sequence in which reading and translating Classical Latin are emphasized. Prerequisite: FLL 1101G, equivalent, or consent of the Instructor.

2201G FLL Intermediate Latin I. (4-0-4) On Demand. Review of grammar, the Latin subjunctive, readings from selected Latin authors. Prerequisite: FLL 1101 or successful completion of 2-3 years of high school Latin or permission of the Department Chairperson. WI

2202G FLL Intermediate Latin II. (4-0-4) On Demand. Review of grammar, selected readings from Cicero, Caesar, Catullus, Virgil and Ovid. Prerequisite: FLL 2201G or 3 to 4 years of high school Latin or permission of the Department Chairperson. H1 900 WI

Russian

1101 FLR Elementary Russian I. (4-0-4) On Demand. First semester of a two-semester course in which speaking, listening, reading, writing and culture are emphasized.

1102 FLR Elementary Russian II. (4-0-4) On Demand. Second semester of a two-semester course in which speaking, listening, reading, writing, and culture are emphasized. Prerequisite: FLR 1101 or equivalent.

Spanish

1001 FLS Conversational Spanish I. (2) Credit/No Credit only. This course is not counted against the Credit/No Credit option limit of courses. This course is primarily for beginners. However, a student with up to but no more than one year of high school study in Spanish may enroll. A student with any college credit in Spanish may not take this course for credit.

1002 FLS Conversational Spanish II (2) Credit/No Credit only. This course is not counted against the Credit/No Credit option limit of courses. This course is primarily for those students who have completed FLS. 1001. However, a student with one or two years of high school study in Spanish may also enroll. A student with any college credit in Spanish other than 1001 may NOT take 1002 for credit.

1101 FLS Elementary Spanish I. (4-0-4) F, S. First semester of a two-semester sequence in which speaking, listening, reading, writing and culture are emphasized. Use of language laboratory. No more than one year of high school Spanish allowed without permission of the Department Chairperson.

1102 FLS Elementary Spanish II. (4-0-4) F, S. Second semester of a two-semester sequence in which speaking, listening, reading, writing and culture are emphasized. Use of language laboratory. Prerequisite: FLS 1101 or equivalent. No more than two years of high school Spanish allowed without permission of the Department Chairperson.

1191 FLS Beginning Spanish I, Honors. (4-0-4) F, S. First semester of a two-semester course in which speaking, listening, reading, writing and culture are emphasized. Use of language laboratory. Prerequisite: Admission to the Honors Program. No more than one year of high school Spanish allowed without permission of the Department Chairperson.

1192 FLS Beginning Spanish II, Honors. (4-0-4) F, S. Second semester of a two-semester course in which speaking, listening, reading, writing and culture are emphasized. Use of language laboratory. Prerequisite: Admission to the Honors Program; FLS 1101 or FLS 1191. No more than two years of high school Spanish allowed without permission of the Department Chairperson.

2201G FLS Intermediate Spanish I. (4-0-4) F, S. Review of grammar; practice in conversation and composition; reading of selected material. Use of the language laboratory. Prerequisite: FLS 1102 or three years of high school Spanish. H1 900 WI

2202G FLS Intermediate Spanish II. (4-0-4) F, S. Review of grammar; practice in conversation and composition; reading of selected material. Use of the language laboratory. Prerequisite: FLS 2201G or three years of high school Spanish or permission of the Department Chairperson. H1 900 WI

2291G FLS Intermediate Spanish I Honors. (4-0-4) F, S. Review of grammar; practice in conversation and composition; reading of selected material. Use of the language laboratory. Prerequisite: Admission to the Honors Program. FLS 1102 or FLS 1192 or three years of high school Spanish

2292G FLS Intermediate Spanish II, Honors. (4-0-4) F, S. Review of grammar; practice in conversation and composition; reading of selected material. Use of the language laboratory. Prerequisite: Admission to the Honors Program. FLS 2201G or FLS 2291 or three years of high school Spanish or permission of the Department Chairperson.

2500 FLS Hispanic American Culture Through Study-Travel. (Arr.-Arr.-2) S. A two-week extensive field trip study of the culture of a Spanish-speaking country during the semester or summer break. A pre-trip orientation to prepare students for on-site study of the history, government, and other sociological aspects of the selected society is included. May be repeated for up to 2 additional hours of credit. May not be counted toward the major or minor in Spanish. Prerequisite: Permission of the Instructor.

3000 FLS Problems in Spanish Grammar. (3-0-3) F, S. Review of those points in Spanish grammar which are stumbling blocks for English-speaking students. Prerequisite: FLS 2202G, its equivalent or permission of the Department Chairperson. WI

3050 FLS Spanish Pronunciation and Conversation. (4-0-4) F, S. Intensive drilling of Spanish pronunciation and further development of audio-lingual skills through conversation. Prerequisite: FLS 2202G, its equivalent, or permission of the Department Chairperson. WI

3201 FLS Business Spanish. (3-0-3) F or S. Oral and written communication in the Hispanic business world. Prerequisite: FLS 3000, its equivalent or permission of the Department Chairperson. WI

3300 FLS Hispanic Cinema. (2-3-3) On Demand. Introduction to the cinematic work of Latin American, Spanish and U.S.-Hispanic-Latino film artists. Development of critical and interpretative skills that enhance appreciation of films. Prerequisites: FLS 3000 or equivalent, or permission of department chair. WI

3401 FLS Cadet Teaching. (Arr.-Arr.-1-3) Observation and supervised micro-teaching in one of the department's elementary courses or in one of the local area schools. Teaching majors and minors only. May be taken in more than one language. Prerequisite or co-requisite FLE 3400. Counts toward the major.

3500 FLS Hispanic Short Story. (3-0-3) S-even-numbered years. The history, development and meaning of short stories in Spanish. Prerequisite: FLS 3000 or permission of the department chairperson. WI

3510 FLS Introduction to Modern Spanish Literature. (3-0-3) F. Introduction to Spanish literature from the eighteenth to twentieth century. Prerequisite: FLS 3000 or permission of the department chairperson. WI

3520 FLS Introduction to Modern Spanish American Literature. (3-0-3) F. Introduction to Spanish American literature from 1886 to present. Prerequisite: FLS 3000 or permission of the department chairperson. WI

3970 FLS Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4202 FLS Advanced Spanish Composition. (3-0-3) S. Compositions based on style illustrated in certain literary selections. Prerequisite: FLS 3000 or permission of the department chairperson. WI

4275 FLS Internship. (Arr.-Arr.-1-4) (Credit/No Credit only) A foreign or nationally based language learning experience in which the student applies and develops skills learned in Spanish courses outside the traditional classroom. No more than four semester hours may be counted toward the major or three semester hours toward the minor in the language in lieu of Advanced Conversation courses. Course may be repeated for a combined total credit of up to 4 semester hours. Prerequisite: Two years of a college level foreign language and FLS 3000 or 3050, or a proficiency level of "intermediate-high" according to ACTFL guidelines; permission of the department chairperson.

4310 FLS Civilization and Culture of Spain. (3-0-3) F or S. Survey of Spanish civilization from prehistoric times through the present. Prerequisite: FLS 3000 or permission of the department chairperson. WI

4320 FLS Civilization and Culture of Spanish America. (3-0-3) F or S. A survey of historical antecedents and current social and cultural patterns of the Spanish-speaking areas of the Americas. Prerequisite: FLS 3000 or permission of the department chairperson. WI

4400 FLS Independent Study. (Arr.-Arr.-1-3) Intensive individual study of a topic in Spanish, selected by the student in collaboration with the instructor and under the general supervision of the instructor. **NOTE:** A maximum of three semester hours of credit may be applied to the major or minor in Spanish. Course may be repeated for a maximum combined credit of 3 semester hours. Prerequisite: Permission of the department chairperson. Minimum GPA of 2.5, junior or senior standing and majoring in Foreign Languages. WI

4444 FLS Honors Independent Study. (Arr.-Arr.-3) Intensive study and writing on topics in foreign language, literature and culture approved by faculty supervisor and Departmental Honors Coordinator. May be taken twice. Prerequisite: Admission to the Departmental Honors Program and permission of the department chairperson. WI

4510 FLS Survey of Early Spanish Literature. (3-0-3) F or S. Survey of Spanish literature from the Twelfth to Seventeenth Century. Prerequisite: FLS 3000 or permission of the department chairperson. WI

4520 FLS Survey of Early Spanish American Literature. (3-0-3) On Demand. Survey of Spanish American literature from the Colonial period to 1886. Prerequisite: FLS 3000 or permission of the department chairperson. WI

4640 FLS Don Quixote de la Mancha. (4-0-4) On Demand. Study of the two parts of Don Quixote de la Mancha in the original. Prerequisite: Three years of college Spanish, its equivalent, or permission of the department chairperson. WI

4644 FLS Honors Thesis. (Arr.-Arr.-3) Intensive research and preparation of a thesis on a topic in foreign language, literature or culture approved by faculty supervisor and Departmental Honors Coordinator. May not be repeated. Prerequisite: Admission to the Departmental Honors Program and permission of the department chairperson. WI

4650 FLS Topics in Hispanic Literature. (3-0-3) F. Special topics in Hispanic literatures not ordinarily treated in standard courses. Topic and course outline will vary. Prerequisite: FLS 3000 or permission of the department chairperson. Course may be taken twice with consent of the department chairperson. WI

4666 FLS Honors Seminar. (3-0-3) Reading, writing and discussion on selected topics in foreign language, literature and culture. A term paper and a seminar presentation are required. May be taken twice. Prerequisite: Admission to the Departmental Honors Program and permission of the department chairperson. WI

GENERAL STUDIES

Undergraduate Courses

1000 GST Reading and Study Improvement. (2-2-2) Learning principles as they apply to the development of efficient study skills, emphasis on reading instruction designed to improve comprehension and rate. May be repeated; does not count toward graduation.

1100 GST Career Seminar. (1-0-0) S. This course is designed to help individuals develop the skills needed to make wise decisions regarding their academic and career goals. Course may not be repeated. This course is only for students in the Gateway Program.

GEOGRAPHY

Undergraduate Courses

1100G GEG Cultural Geography. (3-0-3) A geographic survey of population, agriculture, politics, language, religion, folk and popular culture, ethnicity, and cities, focusing on origins, processes, and patterns in western and non-western cultures. **S4 900N**

1190G GEG Cultural Geography, Honors. (3-0-3) On Demand. A geographic survey of population, agriculture, politics, language, religion, folk and popular culture, ethnicity, and cities, focusing on origins, processes, and patterns in western and non-western cultures. Field trips and a field research paper will enhance the student's ability to read and interpret places and landscapes. Prerequisite: Admission to the University Honors College. **S4 900N WI**

1200G GEG World Regional Geography. (3-0-3) A geographic analysis exploring developed and developing regions of the world. Discussion of regions and countries, people and environments, will emphasize international understanding. **S4 900N**

1290G GEG World Regional Geography, Honors. (3-0-3) On Demand. A geographical analysis examining the developed and developing regions of the world. Discussion of interrelationships between people and their environments from a spatial viewpoint. Research papers and class presentations are required to raise international geographic awareness. Prerequisite: Admission to the University Honors College. **S4 900N WI**

3000 GEG Geography of Illinois. (3-0-3) On Demand. Analysis of regional variations in climate, landforms and natural resources. Emphasis on processes shaping man's activities and spatial organizations and on place and regional consciousness in Illinois.

3020 GEG Natural Disasters: Causes and Effects (3-0-3) F. An overview of hazardous environments, natural or partly induced by human activity. Emphasis on understanding the physical processes and social systems that interact to produce disasters. Considers spatial and temporal distribution of hazards with reference to human populations. Provides options for assessing risk, disaster preparation and loss reduction. Cross-listed with ESC 3020. WI

3025 GEG Geography of the United States and Canada. (3-0-3) F-even-numbered years. Analysis of regional variations in the physical and cultural environments of the United States and Canada. Emphasis on processes shaping man's activities and spatial organizations and on place and regional images that are visually expressed in the American landscape.

3050 GEG Geography and Culture of Africa. (3-0-3) On Demand. A geographic survey of Africa's contemporary development prospects, population growth and food production, rural-urban migration, changing cultural landscapes and their impact on the environment, urban and industrial development, history of colonialism, and regional differences in economic, social, political, cultural, and environmental conditions.

3055 GEG Geography and Culture of Asia. (3-0-3) On Demand. A regional geography with emphasis on population dynamics, physical and cultural landscapes, environment, and economic development that gives the distinct characteristics of Eastern, Southern, Southeastern and Southwestern realms of Asia. An investigation of problems and prospects of Asian countries.

3060 GEG Geography and Culture of Europe. (3-0-3) S-even-numbered years. This course is designed as a geographic study of the European Realm that will focus on both the human and physical characteristics of the continent. Topics will include the environmental, population, cultural, economic, and political geography of the region. Special attention will be given to the dynamic changes of the European economic and political situation and how it impacts the continent and the rest of the world. Course may not be repeated.

3065 GEG Geography and Culture of Latin America. (3-0-3) On Demand. Studies the natural and cultural landscape of Latin America, giving special attention to the geographical identity and cultural diversity of the region. Topics include environmental issues, industrialization, geopolitical contexts, colonial history, transportation, agriculture, population, and urban growth.

3100 GEG Global Threats and Problems. (3-0-3) S. An interdisciplinary study of current global problems. Four different social scientific approaches will be used to analyze complex questions regarding the survival of humanity given current threats to our environments, cultures, geopolitical affiliations, and socioeconomic structures. Topics may include famine, terrorism, information control, and disease, among others. Course may not be repeated. Cross-listed with CSC/ECN/PLS/SOC 3100.

3200 GEG Human Impacts on the Environment. (3-0-3) S. Emphasis on human impacts on the environment and the necessity of conservation. Discussion of natural hazards and perception of resources as factors limiting society's development. Focus on man as an agent of environmental change. Cross-listed with ESC 3200.

3420 GEG Principles of Geomorphology. (2-2-3) S. Physical and mathematical analysis of processes that modify the earth's surface; structural and climatic controls; hillslope sculpture; weathering; stream dynamics; soil classification. Cross-listed with GEL 3420. Prerequisite: GEL/ESC 1300G. WI

3600 GEG Economic Geography. (3-0-3) On Demand. Survey of theoretical and empirical approaches to the location of economic activities and of organizational structures. Analysis of spatial patterns of resource, industrial, commercial and service activities. Emphasis on local and regional development, growth and decline, transportation and planning.

3620 GEG Geography of Tourism. (3-0-3) S-odd-numbered years. This course is designed as a spatial analysis of the world's major tourism destination regions including environmental, urban, and cultural attractions. Geographic and economic factors affecting the development of tourism regions are considered. Course may not be repeated.

3650 GEG Advanced Cultural Geography. (3-0-3) F-odd-numbered years. Concerned with understanding the material culture that gives character to a place or area. Emphasis on a study of environmental perception, attitudes and values that influence our personal images of the world. Special focus on reading and interpreting the ordinary landscape of the manmade habitat.

3700 GEG Historical Geography of the United States. (3-0-3) On Demand. Reconstructing past geographical landscapes of the United States to 1900. Emphasis on changing landscape patterns and spatial organization patterns through time, perception of relic landscape features and contemporary preservation of distinctive historic places and areas.

3750 GEG Population Geography. (3-0-3) On Demand. Survey of world distribution of population through time. Examines patterns and consequences of mortality, fertility and migration. Emphasis on theories and models of migration, past and contemporary migration patterns, and information flow and individual movement in geographic space.

3775 GEG Urban Geography. (3-0-3) On Demand. Examines from a geographic perspective the origin, location, function, internal structure, growth and interaction of urban areas in the United States and other regions of the world; considers problems of modern cities and the role of city planning in Western and non-Western contexts.

3780 GEG Land Use Planning. (3-0-3) On Demand. An introduction to land use planning in the United States, focusing on the geographic and institutional dimensions; a survey of the policy and legislative basis for land use controls at the urban, regional, and federal level, including controlled growth, zoning, development agreements, and environmental legislation.

3800 GEG Introduction to Cartography. (1-4-3) S. Instruction and practice in the basic techniques of map making. Emphasis on problems involved in selection of proper source materials for the base and body of the map and methods of mechanical reproduction.

3855 GEG Computer Mapping. (2-2-3) F. Methods and techniques for map construction and production using computer processing and graphic displays. Prerequisite: GEG 3800.

3865 GEG Advanced Cartography. (1-4-3) On Demand. Instruction and practice in the techniques of thematic mapping including design, compilation, construction and photographic reproduction. Introduction to data transformation and computer-assisted reproduction. Prerequisite: GEG 3800.

3875 GEG Field Methods. (1-4-3) Application of geographical field techniques to the analysis of areas. Emphasis on making physical and cultural observations and measurements including map reading, photo interpretation,

field sketch mapping, compass traverses, sampling, questionnaire design, interviewing, analysis and reporting.

3885 GEG Quantitative Methods in Geography. (1-4-3) F. Application of basic descriptive and inferential statistics. Emphasis on the understanding of the quantitative method as it is applied in the analysis and classification of geographical data and spatial problems.

3970 GEG Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4000 GEG Seminar. (3-0-3) On Demand. Reports and discussion of selected topics in geography. Prerequisite: Two courses in geography or permission of the department chairperson. May be taken twice for credit.

4275 GEG Internship in Geography. (Arr.-Arr.-1-6) On Demand. An individually planned work experience in a business or agency appropriate to the student's area of specialization. NOTE: A maximum of three semester hours may be counted as elective credit in the Geography minor. Prerequisite: Completion of at least 9 hours of course work toward Geography major or minor, permission of the Geology/Geography Chair, the Internship Coordinator, and acceptance of the student by a business or agency. The course may be repeated to a maximum of 12 semester hours.

4400 GEG Independent Study. (Arr.-Arr.-1-3) F, S. Intensive individual study on a topic selected by student with approval of instructor and with permission of the department chairperson. May be taken for no more than six semester hours.

4430 GEG Undergraduate Research in Geography. (Arr.-Arr.-1-3) On Demand. Field, laboratory, or theoretical research faculty supervised. A written report of an oral presentation is required. Prerequisite: Completion of 15 semester hours toward the Geography major or minor, permission of the instructor and department chair. Can be repeated for a maximum of six semester hours in combined department undergraduate research courses (Geology, Earth Science, Geography).

4444 GEG Honors Independent Study. (Arr.-Arr.-1-6) Intensive individual study on a topic selected by the student with approval of the instructor. May be taken for no more than six semester hours. Prerequisite: Admission to the Departmental Honors Program for Geography Majors and permission of the Departmental Honors Coordinator and Department Chairperson.

4555 GEG Honors Research. (Arr.-Arr.-1-6) Original research in geography on a topic studied by the student while enrolled in GEG 4444. A written report and oral presentation are required. Prerequisite: Admission to the Departmental Honors Program for Geography Majors and permission of the Departmental Honors Coordinator and Department Chairperson.

4644 GEG Honors Thesis. (Arr.-Arr.-1-6) Written thesis based on original research performed while enrolled in GEG 4555. An oral presentation is required. Prerequisite: Admission to the Departmental Honors Program for Geography Majors and permission of the Departmental Honors Coordinator and Department Chairperson.

4666 GEG Honors Seminar. (Arr.-Arr.-3) Reports, discussion and/or laboratory/field work on selected topics in geography. Prerequisite: Admission to the Departmental Honors Program for Geography Majors and permission of the Departmental Honors Coordinator and Departmental Chairperson.

Courses Open to Juniors, Seniors, and Graduate Students

4890 GEG Geographic Information Systems. (2-2-3) On Demand. Theoretical and applied introduction to geographic information systems. Microcomputer lab experience offers real world human and natural resource computer-based scenarios that involve the input, storage, retrieval, manipulation, analysis and cartographic display of geocoded data using geographic information systems. Prerequisite: GEG 3800 or consent of instructor.

GEOLOGY

Undergraduate Courses

1300G GEL Introduction to Earth Sciences. (3-2-4) An introduction to earth processes, resources, rocks, minerals, maps, time, and plate tectonics. The interaction of natural processes in the physical environment and human activity will be discussed. Cross-listed with ESC 1300G. Lab work and field trip are required. **P1 907L**

1390G GEL Introduction to Earth Sciences, Honors. (3-2-4) On Demand. Study of the planet Earth as a system consisting of the lithosphere, hydrosphere, and atmosphere. Emphasis on how processes occurring within the solid, liquid, and gaseous portions of the Earth system act to influence its surface. Field trips and short papers will stress scientific communication skills. Cross-listed with ESC 1390G. Prerequisite: Admission to the University Honors College. WI

1430 GEL Historical Geology. (3-2-4) S. Development of major structural segments of Earth's crust; fossil record of life; age relations among rock units. Field work. Prerequisite: GEL/ESC 1300G.

2300G GEL Science and Technology: A Promise or a Threat? (3-0-3) The course will discuss the methods and development of scientific discoveries, their technological applications, and the impact of these activities on cultural, social, political, economic, and religious values. The influence of society on scientific research and technological development will be studied as well. Cross-listed with INT 2300G. WI

2440 GEL Mineralogy. (3-2-4) F. A study of minerals with emphasis on crystallography, chemistry, classification, identification, genesis, and association. Prerequisite: GEL 1300G and CHM 1310G and 1315G or concurrent enrollment.

2450G GEL Oceanography. (3-0-3) Integrated, descriptive study of the World Ocean, including the physics, chemistry, biology, and geology of the marine environment and the interrelationship between the World Ocean and human activities. Cross-listed with ESC 2450G.

3010G GEL Environmental Physical Sciences. (3-0-3) A study of physical environmental Earth processes and their interrelationship with human activities. This will include both the impact of the Earth on human communities and the impact of human communities on the Earth. Cross-listed with ESC 3010G.

3405 GEL Petrology. (3-2-4) S. A study of the physical, chemical, spatial, and chronological properties and processes that reflect the origin, evolution, and occurrence of igneous and metamorphic rocks. Laboratory work emphasizes the petrographic microscope and its applications. Field work required. Prerequisite: GEL 2440.

3420 GEL Principles of Geomorphology. (2-2-3) S. Physical and mathematical analysis of processes that modify the earth's surface; structural and climatic controls; hillslope sculpture; weathering; stream dynamics; soil classification. Cross-listed with GEG 3420. Prerequisite: GEL/ESC 1300G. WI

3425 GEL Engineering Geology. (2-2-3) F-even-numbered years. Introduction to procedures used for site selection and design of engineering structures in the Earth. Introductory soil and rock mechanics and their use in analysis of structures will be emphasized. Prerequisite: GEL/ESC 1300G or ESC/GEL 1390G or permission of instructor; PHY 1151G and PHY 1152G or PHY 1351G and PHY 1352G.

3430 GEL Structural Geology. (2-2-3) F. Forces involved in the deformation of rocks with emphasis on the recognition and interpretation of the resultant geologic structures. Field work. Prerequisite: GEL 1430, 3405 and MAT 1330 or equivalent or permission of instructor.

3440 GEL Tectonics. (3-0-3) S-odd-numbered years. This course will evaluate the plate tectonic paradigm in terms of its historical evolution and modern application to understanding earth processes. Focus will be placed on defining the geometric, kinematic, and dynamic framework of the three types of plate boundaries, existing problems with rigid plate theory, and the evidence for the plate tectonic approximation. Field work is required. Prerequisite: GEL 3430 or permission of the instructor.

3460 GEL Economic Mineral Deposits. (2-2-3) On Demand. Origin, geologic occurrence and utilization of metallic and non-metallic mineral deposits. Field work. Prerequisite: Prior or concurrent enrollment in GEL 3405.

3470 GEL Seminar. (Arr.-Arr.-1-3) F, S. Discussions, reports, and field/laboratory work concerning selected geoscience topics, with instructor guidance. May be taken more than twice for credit if a different topic is covered each time.

3490 GEL Coal Geology. (2-2-3) On Demand. The origin, classification, and alterations of coals; stratigraphy, sedimentation, and structure of coal deposits; types of and cyclical deposition in coal basins and their tectonic setting. Field work. Prerequisite: GEL 1430.

3500 GEL Volcanology. (2-2-3) On Demand. A study of volcanic features and eruptions. The relationship of eruptive products, styles, and mechanisms to volcanic features and hazards is emphasized. Prerequisite: GEL 3405 or concurrent enrollment.

3510 GEL Principles of Sedimentation. (2-2-3) F. Sources of sediments, mechanics of transportation, depositional controls, post-depositional changes; physical and chemical properties of sedimentary rocks, classifications; analytical laboratory techniques. Field work. Prerequisite: GEL 1430 and 3405.

3525 GEL Hydrogeology. (2-2-3) On Demand. The study of the interrelationships of geological materials and processes with water. Prerequisite: GEL/GEG 3420.

3560 GEL Principles of Stratigraphy. (2-2-3) S. Development and use of stratigraphic column, sedimentary facies, space-time relationships, principles or correlation, tectonic framework of sedimentation, analysis of clastic, organic, chemical sedimentary sequences. Field work. Prerequisite: GEL 3510.

3970 GEL Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4000 GEL Petroleum Geology. (2-2-3) On Demand. The geological occurrence of petroleum including origin, migration, and accumulation; exploration methods and production techniques. Laboratory exercises in searching for and producing petroleum and natural gas. Prerequisite: Concurrent or prior enrollment in GEL 3430.

4200 GEL Introduction to Geophysical Exploration. (3-0-3) On Demand. Introduction to the theories of gravity, magnetics, heat flow, and reflection and refraction seismology; application of these geophysical methods in the interpretation of earth structure and composition, with emphasis on exploration for economic materials and on tectonic activity. Prerequisite: GEL 3430 and PHY 1161, 1162 or PHY 1361, 1362.

4275 GEL Internship in Geology. (Arr.-Arr.-1-6) On Demand. An individually planned work experience in a business or agency appropriate to the student's area of specialization. Prerequisite: Completion of at least 9 hours of course work toward Geology major or minor, permission of the Geology/Geography Department Chair, the Internship Coordinator, and acceptance of the student by a business or agency. The course may be repeated to a maximum of 12 semester hours.

4335 GEL Environmental Geology. (3-0-3) S. Study of interaction of man-made contaminants and their geologic environment. Topics include types and analysis of common contaminants, surface and groundwater quality, risk analysis, U.S. environmental laws, industrial and municipal waste disposal, and remediation techniques. Prerequisite: GEL/ESC 1300G, CHM 1410, MAT 1330 (or MAT 1400), or permission of the instructor. Upper class standing is highly recommended.

4400 GEL Independent Study. (Arr.-Arr.-1-3) Independent study in the field of geology, designed for the individual needs of the student. Prerequisite: GEL 1430 or permission of the instructor and department chair. May be taken for no more than six semester hours.

4430 GEL Undergraduate Research in Geology. (Arr.-Arr.-1-3) On Demand. Field, laboratory, or theoretical research. Faculty supervised. A written report of an oral presentation is required. Prerequisite: Completion of 15 semester hours toward the Geology major or minor, permission of instructor and department chair. Can be repeated for a maximum of six semester hours in combined department undergraduate research courses (Geology, Earth Science, Geography).

4444 GEL Honors Independent Study. (Arr.-Arr.-1-6) Independent Study in geosciences, designed for the individual needs of the student. May be taken for no more than six semester hours. Prerequisite: Admission to the Departmental Honors Program for Geology Majors and permission of the Departmental Honors Coordinator and Department Chairperson.

4450 GEL Well Log Interpretation. (2-2-3) On Demand. Fundamental principles of open hole log in investigating subsurface geology are discussed with emphasis on petroleum exploration. This is essentially an applied course with stress on how to take data from well logs, calculate and analyze these data. Prerequisite: GEL 3510.

4480 GEL Optical Mineralogy. (3-2-4) On Demand. Use of the polarizing microscope for determination of optical properties of minerals; identification of minerals in thin section. Prerequisite: Prior or concurrent enrollment in GEL 3405.

4490 GEL Invertebrate Paleontology. (2-2-3) F. Description and classification of major fossil invertebrate groups; preservation of fossils; use of fossils in geologic work. Field work. Prerequisite: GEL 1430; BIO 1001G.

4555 GEL Honors Research. (Arr.-Arr.-1-6) Research in the geosciences undertaken with close supervision of a geoscience faculty member. Written report required. At least one semester hour is required of students in the Departmental Honors Program. A maximum of five additional semester hours credit may be applied to the Departmental Honors Program and/or the major in geology. Prerequisite: Admission to the Departmental Honors Program for Geology Majors, and permission of the Departmental Honors Coordinator and Department Chairperson.

4644 GEL Honors Thesis. (Arr.-Arr.-1-6) Written thesis based upon a survey of the geological literature and student's original research performed under the close supervision of a geoscience faculty member. At least one semester hour is required of students in the Departmental Honors Program. May not be repeated. Prerequisite: Admission to the Departmental Honors Program for Geology Majors, and permission of the Departmental Honors Coordinator and Department Chairperson.

4666 GEL Honors Seminar. (Arr.-Arr.-1 to 6) Discussions, reports, and field/laboratory work concerning selected geoscience topics, with instructor guidance. May be taken more than twice for credit if a different topic is covered each time. Prerequisite: Admission to the Departmental Honors Program for Geology Majors and permission of the Departmental Honors Coordinator and Department Chairperson.

Courses Open to Juniors, Seniors, and Graduate Students

4800 GEL Summer Field Geology in the Black Hills, S.D. (Arr.-Arr.-6) Su. Individual and group problem-solving by application of field methods and techniques, including plane table and total station mapping and air photo interpretation. Six weeks of field study required. Contact Director of Summer Field Geology concerning fees and registration. This course is complementary to nearly all of the department's geology courses. This requirement must be met in the EIU Geology Field Station in the Black Hills of South Dakota. In cases of students' health limitations, with the approval of the department chair, an alternative program will be provided. Prerequisite: GEL 1430, 3405, and 3430. GEL 3510, 3560 and 4490 recommended. In special cases, permission of chairperson and field camp director is required. Graduate students will complete an additional field research project that has been approved by the field camp director. This project must be successfully completed by the end of the course.

4892 GEL Introduction to Paleobotany. (3-2-4) On Demand. Introduction to the origin and theories of evolution, diversification, radiation, and paleogeography of plants through time, with special reference to vascular plants. Field work. Prerequisite: GEL 1430 and BIO 3612 or permission of instructor. Credit not granted for both GEL 4892 and BOT 4892.

HEALTH STUDIES

Undergraduate Courses

Note: Courses in First Aid and Cardio Pulmonary Resuscitation may charge a laboratory fee for use of materials and services.

1120 HST Basic CPR. (1-0-1) F, S. Credit toward graduation not granted to students who have completed HST 2320 or 3120.

2000 HST Principles of Human Health. (3-0-3) A study of health issues and trends, focusing on the interrelatedness of the forces which contribute to human well-being and the development of the capacity to make informed, responsible decisions affecting individual and environmental welfare.

2100 HST Peer Health Education Training and Certification Class. (1-1-1) F, S. This course is designed to train selected students as peer educators for the Peer Education Program. Students will acquire knowledge of health related topics and gain presentation skills. Students will prepare educational programs to be presented to campus and community groups and organizations. Students will also have the option of participating in the BACCHUS and GAMMA peer education certification program. Prerequisite: HST 2000 or PED 2850 or FCS 2100.

2200G HST Health Citizenship. (3-0-3) F, S. This course will examine the concept of health citizenship in contemporary society and global context. Special attention will be given to the health-related entitlements and responsibilities inherent in citizenship and the examination of individual and social roles in contemporary health issues affecting the global society. Health Studies majors may enroll. WI

2250 HST Professions in School and Community Health. (1-1-1) F, S. An introductory professional course describing the current school/community health field and assessing the current trends within the disciplines. Enrollment limited to Health Studies majors and minors and those considering the Health Studies degrees.

2270 HST Community Health. (3-0-3) F, S. An examination of the factors in the physical, biological, and social environment that influence the magnitude and character of health problems, goals and solutions.

2320 HST First Aid and Emergency Care (including Basic CPR Skills). (3-0-3) Designed to provide opportunities to learn and practice basic first aid skills necessary to handle most home and job emergencies including CPR.

2600 HST International Health Issues. (3-0-3) F, S. This course is designed to help students develop an understanding of current health problems and issues in the world community particularly as seen in third world non-Western developing nations. Specific health issues will be examined with consideration given to their influence on American society. Health issues will be examined in the context of the culture and health values of the local populations.

2900 HST Human Diseases. (3-0-3) F, S. A study of the occurrence and process of human infectious and chronic diseases. Prerequisite: HST 2000 or permission of instructor.

3000 HST Health Concepts for Teachers (2-0-2) This course is designed to assist students in teacher preparation (P12) in developing knowledge and competencies necessary in attaining a complete understanding of the comprehensive school health model (instruction, services, and environment). Not open to Health Studies majors and minors except with permission of the Health Studies department chair.

3100 HST Terrorism: The Public Health Response. (3-0-3) SU. This course addresses the special needs of the general public in response to incidents that may have been caused by terrorist action. Topics discussed will involve the special aspects of Public and individual health as it pertains to terrorism. Subjects to be covered will include information on preparedness and response to biological weapons, incendiary devices, chemical agents, explosive materials, and mass trauma. A special emphasis will be placed upon public preparedness and homeland security. Health Studies majors may enroll. Prerequisite: Permission of the department chair required.

3120 HST American Red Cross Instructor. (3-Arr.-4) F, S. Certification through the American Red Cross (ARC) in Instructor Candidate Training (ICT), and as a Community First Aid and Safety Instructor which prepares individuals to teach Community First Aid and Safety, Standard First Aid, Community CPR, Adult CPR, and Infant and Child CPR.

3196 HST Public Health Statistics and Data Analysis. (3-0-3) F, S. A review of mathematical principles and elementary statistics as related to an analysis of public health statistics. Prerequisite: HST 2270 or permission of instructor.

3199 HST Microcomputers and Health Applications. (1-3-3) F, S. The study and practical utilization of various types of computer hardware and software employed by health professionals. No programming/keyboarding prerequisite. Prerequisite: HST 2250 or approval of instructor. Credit will not be given for both HST 3199 and PED 3900.

3200 HST School Health. (3-0-3) F, S. A survey of the school health program with emphasis on the responsibilities of school personnel. Prerequisite: HST 2000 or equivalent.

3300 HST Principles of Accident Prevention. (2-0-2) F, S. Safety problems of modern life in the home, school, during recreation, on the highway, and at work.

3310 HST Introduction to Driver Education. (3-2-4) F, S. Preparation for high school driver education teachers. Includes simulation and work with beginning drivers. Prerequisite: Driver's license and safe driving record.

3320 HST Advanced Driver Education and Traffic Safety. (3-0-3) F, S. Administration, organization, finance, special programs, evaluation of school driver education programs.

3330 HST Advanced Driving Maneuvers. (1-2-2) F. Designed to teach emergency procedures and evasive actions and to help students better understand their capabilities and limitations as drivers, and the capabilities and limitations of the vehicles they drive. Prerequisite: HST 3310 or permission of the instructor.

3340 HST Accident Prevention in Schools. (2-0-2) F. Scope of the school safety problem. Administrative, instructional and community responsibility for safe schools.

3350 HST Industrial Safety. (2-0-2) F, S. Trends and organizational techniques in accident prevention programs as related to industrial operations.

3400 HST Methods of Teaching/Curriculum Development in Health. (3-0-3) F, S. Teacher preparation in curriculum development, appraising materials, methods of presentation; includes 30 clock hours of clinical experience. Prerequisite: EDP 3331 and SED 3330; for ISEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110.

3500 HST Human Sexuality. (3-0-3) A study of the biological, psychological, and cultural dimensions of human sexuality.

3560 HST Women's Health. (3-0-3) F, S. An examination of the biological and psychosocial dimensions of women's health; the relationship between women and the health care system, and the impact of cultural stereotyping on women's physical and emotional health. Prerequisite: ENG 1002G.

3700 HST Community Health Behavior Methods. (3-0-3) F, S. Examination, discussion and application of the most commonly used health behavior theories in both individual and community-level contexts. Prerequisites: ENG 1002G and HST 2270. WI

3750 HST Health Care Delivery Systems. (3-0-3) F, S. Review of contemporary approaches to the delivery of health care services in the United States. Prerequisites: ENG 1002G and HST 2270.

3765 HST Principles of Epidemiology. (3-0-3) F, S. Introduction to the concepts, principles, and methods generally useful in the surveillance and investigation of a health problem. Prerequisite: HST 2270.

3910 HST Communication in Health Professions. (3-0-3) F. A study of the role communication plays in the health professions including an examination of the health professions and the application of speaking, listening, interpersonal, small group, organizational, and mass communication skills and concepts to health careers. Cross-listed with CMN 3910.

4250 HST Planning Health Programs. (3-0-3) F, S. This course is designed to provide the student with the elements of successful program planning. The student will learn the steps in developing, administering, and evaluating programs in health education and promotion. Prerequisite: ENG 1002G, HST 2270, and HST 3700. WI

4275 HST Internship. (Arr.-1-9) An individually planned internship in a community health agency or organization. Prerequisite: (Credit/No Credit) HST 2270, 3700 or 3400 and approval of the department chair.

4741 HST Independent Study. (Arr.-Arr.-1-6) F, S. An individual study under faculty supervision of pertinent literature, research, programs or other sources related to selected topics in Health Studies. Prerequisite: Permission of the chair of the department. **NOTE:** May be repeated; the maximum amount of credit which may be earned is six semester hours.

Courses Open to Juniors, Seniors, and Graduate Students

4770 HST Health Services Administration (3-0-3) F, S. Examination of the health service sector, applications of administrative and management concepts, including social administration, biomedical and business ethics, and management theory. Prerequisite: ENG 1002G, HST 2250, HST 2270, HST 3700, and HST 3750 or permission of the instructor. WI

4800 HST Drugs and Society. (3-0-3) F, S. A study of drugs and drug use from an historical, biological and social perspective with emphasis on the physiological and pharmacological action of drugs in the body.

4810 HST Community Resources and Chemical Dependency. (2-0-2) F. This course is designed to familiarize the student with self-help groups, intervention programs, and various community resources available to deal with the problem of chemical dependency. Prerequisite: HST 4800.

4820 HST DUI: Legal Issues. (2-0-2) S. This course will familiarize the student with the state DUI laws, policies and procedures in reference to DUI; remedial education classes; evaluation and assessment of clients; and administration and scoring of tests used in DUI processes. Prerequisite: HST 4800.

4890 HST Health and Aging. (3-0-3) F, S. This course is designed to examine common health changes, issues and concerns as they pertain to the aging individual.

4900 HST Multi-Phase Driver Education. (2-2-3) S. The five-phase driver education curriculum. Actual practice with multi-media equipment-simulators, student response systems and the multi-car range. Prerequisite: HST 3310 or concurrent enrollment or permission of the instructor.

4910 HST Applied Health Communication. (3-0-3) S. An examination of applied health communication in the interpersonal, organizational, and mediated contexts. Emphasis is on higher order application of skills from different occupational perspectives. Cross-listed with CMN 4910. Prerequisite: CMN/HST 3910 or permission of instructor.

For graduate courses, see the *Graduate Catalog*.

HISTORY

Upper-division courses that count for US history credit are indicated by "US" at the end of the course description. Upper-division courses that count for non-US history credit are indicated by "NUS". Courses that count for Non-US 3rd World credit are indicated by "NUS3". Courses with no indicator require a waiver in order to count for US or non-US credit.

Undergraduate Courses

1500G HIS Roots of the Modern World: Society and Religion. (3-0-3) F, S. This course will explore the historical origins of the world's great religions including Hinduism, Buddhism, Confucianism, Judaism, Christianity, and Islam. We will study the lives of the "founders" of each faith, learn the central beliefs of each group, and analyze the conflicts (spiritual and political) that promoted changes of belief and practice over time. **H2 900, H5 904N** WI

1510G HIS Roots of the Modern World: Slavery and Freedom. (3-0-3) F, S. Between 1520 and 1870, some 11 million Africans were transported to the Americas, largely on European ships, to serve as slaves. What is slavery? How did this horrible "human traffic" occur? What role did Europeans, Africans, and Americans play in this trade? This course will investigate these issues and look at the historical practices of slavery from across the globe. WI

1520G HIS Roots of the Modern World: Global Interactions. (3-0-3) F, S. This course is a survey of global history during the last three hundred years or so, the era of modernization, with a focus on the interactions among different parts of the world. Our main purpose will be to examine what modernization means, and how it challenges the values and institutions of traditional societies first in Europe (where modernization begins) and then around the globe in non-western societies to the present day. WI

1590G HIS Roots of the Modern World: Society and Religion, Honors. (3-0-3) F, S. This course will explore the historical origins of the world's great religions including Hinduism, Buddhism, Confucianism, Judaism, Christianity, and Islam. We will study the lives of the "founders" of each faith, learn the central beliefs of each group, and analyze the conflicts (spiritual and political) that promoted changes of belief and practice over time. Students cannot receive honors credit for both HIS 1590G and PHI 1290G. WI

1591G HIS Roots of the Modern World: Slavery and Freedom, Honors. (3-0-3) F, S. Between 1520 and 1870, some 11 million Africans were transported to the Americas, largely on European ships, to serve as slaves. What is slavery? How did this horrible "human traffic" occur? What role did Europeans, Africans, and Americans play in this trade? This course will investigate these issues and look at the historical practices of slavery from across the globe. WI

1592G HIS Roots of the Modern World: Global Interactions, Honors. (3-0-3) F, S. This course is a survey of global history during the last three hundred years or so, the era of modernization, with a focus on the interactions among different parts of the world. Our main purpose will be to examine what modernization means, and how it challenges the values and institutions of traditional societies first in Europe (where modernization begins) and then around the globe in non-western societies to the present day. WI

2010G HIS History of the United States to 1877. (3-0-3) F, S. The colonial period; the independence movement; framing and adoption of the Constitution; growth of American nationality; Manifest Destiny; the Civil War and Reconstruction. **S2 900; HST 911** WI

2020G HIS History of the United States Since 1877. (3-0-3) F, S. The new industrial society; agrarian movement; the United States as a world power through two world wars, depression and after. **S2 901; HST 912** WI

2090G HIS History of the United States to 1877, Honors. (3-0-3) On Demand. The colonial period; the independence movement; framing and adoption of the Constitution; growth of American nationality; Manifest Destiny; the Civil War and Reconstruction. Prerequisite: Admission to the Honors College. **S2 900** WI

2091G HIS History of the United States Since 1877, Honors. (3-0-3) On Demand. The new industrial society; agrarian movement; the United States as a world power through two world wars, depression and after. Prerequisite: Admission to the Honor's College. **S2 901** WI

2500 HIS Historical Research and Writing. (1-4-3) F, S. Introduction to historical writing and research, emphasizing documentation conventions and source analysis. WI

2560 HIS Early Modern World History. (3-0-3) F, S, Su. A survey of world history from the fourteenth through the eighteenth centuries. Prerequisite: HIS 2560 replaces HIS 2300. WI

3040 HIS Studies in the Social History of the United States. (3-0-3) On Demand. Survey of social changes which have affected American culture. Course topics may vary according to the instructor. May be taken only once for credit. WI, US

3100 HIS History of England, 1066-1688. (3-0-3) F. A survey of the History of England and the British Isles from the Norman conquest to the Glorious Revolution. WI, NUS

3110 HIS Britain 1688 to the Present. (3-0-3) S. A survey of the History of England and the British Empire from the Glorious Revolution to the present. WI, NUS

3175 HIS History of Christianity. (3-0-3) F or S. As needed. Survey course on origins and development of Christianity from Old and New Testament times to current churches and movements: Protestant, Catholic, and Orthodox traditions, early communities, Middle Ages, Islam, Reformation, anti-Semitism, multicultural Christianity, American church history. May not count toward the 18 hours in U.S. and non-U.S. history required of history majors and minors.

3200 HIS Islam. (3-0-3) On Demand. The conquests, law and customs, art and sciences of the Moslem world, including Spain, Persia, the Turks, and the Sudan. WI, NUS3

3210 HIS History of the Modern Middle East. (3-0-3) On Demand. A survey of the history of the Middle East from the beginning of the Ottoman Turkish Empire to the present. WI, NUS3

3250 HIS African History. (3-0-3) On Demand. A concentrated survey of African history from the archaeological evidence of humankind's African origins to the problems facing post-independence Africa with a primary focus on sub-Saharan Africa. WI, NUS3

3255 HIS Colonial Latin America. (3-0-3) F. Survey of Latin America to Independence, focusing on the rise of the great pre-Columbian civilizations, the political, social and religious structures of colonial Iberian American civilization, and the origins and process of Independence. WI, NUS3

3260 HIS Modern Latin America. (3-0-3) S. Survey of Latin America from Independence, including the nineteenth century struggle between liberalism and conservatism, the Mexican Revolution, populist and authoritarian paths to development, the Cuban and Central American Revolutions, and the recent rise of neo-liberalism. WI, NUS3

3320 HIS History of Modern China. (3-0-3) On Demand. Survey of Chinese history between 1800 and present. WI, NUS3

3330 HIS. Modern East Asia in the Pacific Century (3-0-3) On Demand. This course examines the major historical transformation of East Asia from the nineteenth century to the present. Particular attention will be given to the most influential political, economic, and social phenomena that shaped the lives of the people in China, Korea, and Japan in the emergence of the Pacific Century. The course examines their historical relationships both within the region and across the Pacific with the U.S. Course may not be repeated. WI

3340 HIS Medieval and Imperial Russia. (3-0-3) On Demand. Studies the political, social, cultural and economic history of Russia 860- 1917. WI

3350 HIS 20th C. Russia. (3-0-3) On Demand. Studies the political, social, cultural and economic history of Russia 1917-present. WI

3405 HIS Absolutist France and The Wider World. (3-0-3) F, S. An investigation of the development of French politics, warfare, culture, and society in the context of France's expanding role in the wider world. Topics discussed will include war and the rise of the central state, colonialism, and baroque culture. WI, NUS

3410 HIS French Revolution. (3-0-3) On Demand. A study of the French Revolution and the concept of the revolution in general. WI, NUS

3415 HIS World War I. (3-0-3) S. A study of the background, course, and consequences of the first world war. WI

3420 HIS World War II. (3-0-3) F. A study of the background, course and consequences of the second world war. WI

3450 HIS Modern Germany. (3-0-3) On Demand. A political, social, and cultural history of Germany since 1815 with emphasis on the 1848 Revolution, the German Empire, the World Wars, and divided Germany. WI, NUS

3510 HIS Ancient History. (3-0-3) On Demand. Peoples and eras for 4,000 years from Sumer to Rome—religions and law, governments and societies, arts and sciences. WI, NUS

3520 HIS Medieval History. (3-0-3) On Demand. Empire and culture in the Latin West and in the Greek East— law, education, science, art and literature, society. WI, NUS

3530 HIS Medieval Archaeology and Cultural Heritage in Europe. (4-0-4) S. An introduction to archaeology as a crossroads discipline, integrating a humanistic inquiry into history with the scientific methodologies which help evaluate the vestiges of past material culture. It is taught only abroad, and emphasizes the cultural heritage of the host country. May not be repeated. Cross-listed with ESC 3530.

3555 HIS Modern World History. (3-0-3) A survey of world history during the nineteenth and twentieth centuries. Prerequisite: HIS 3555 replaces HIS 2400. HIS 3555 does not count as an upper-division elective for the history major, the history major with social science certification, or the history minor. WI

3600G HIS The U.S. Constitution and the Nation. (3-0-3) F, S. A survey of the origin and development of the Constitution and its impact on the history of the United States. WI

3690G HIS The U. S. Constitution and the Nation, Honors. (3-0-3) On Demand. A survey of the origin and development of the Constitution and its impact on the history of the United States. Prerequisite: Admission to the University Honors College. WI

3700G HIS Turning Points in the History of Religion and Science. (3-0-3) F, S. Study of the decline of the ancient religious world view largely due to developments in science. WI

3750 HIS African-American History: A Survey. (3-0-3) This course critically explores the course of African-American history in the United States from 1619, with the arrival of the first twenty Africans at Jamestown, to the present. WI, US

3760 HIS The American South. (3-0-3) S. A history of the American South with emphasis on social and cultural developments and the deviation between North and South. WI, US

3770 HIS Native American History. (3-0-3) F. Explores the history of Native American peoples from prehistory to the present. WI

3780 HIS History of the American West. (3-0-3) S. Explores the history of the American West from the earliest contacts to the 1890s. WI, US

3790G HIS Turning Points in the History of Religion and Science, Honors. (3-0-3) F, S. Study of the decline of the ancient religious world view largely due to developments in science. Prerequisite: Admission to the University Honors College.

3800 HIS U.S. Diplomatic History. (3-0-3) On Demand. A survey of American diplomacy from the American Revolution to the present time. WI, US

3810 HIS History of Illinois. (3-0-3) F. A history of the state from the French regime through the Civil War to the present. WI, US

3900 HIS Women in American History. (3-0-3) On Demand. A survey of American women's history from pre-colonial times to the present, with a special emphasis on the historical diversity of women's experience. Students will also be introduced to the historiography of women, men, and gender. WI, US

3910 HIS History of American Sport. (3-0-3) On Demand. Development and impact of organized athletic endeavors in American society. May not count toward the 18 hours in U.S. and non-U.S. history required of history majors and minors. WI

3920 HIS Military History of the United States. (3-0-3) F, S. A study of the American military experience. The origins, consequences, strategies, tactics and logistics of American wars will be considered as well as the role and influence of military professionalism, science, technology and society upon the conduct of those wars. WI, US

3930 HIS The Civil War Era. (3-0-3) F, S. A survey of the causes of the Civil War, the War years, and the period of Reconstruction, with major emphasis on the socioeconomic, cultural, and political differences between North and South. WI, US

3940 HIS History of American Journalism. (3-0-3) On Demand. Survey of journalism in the United States from colonial times to the present. May not count toward the 18 hours in U.S. and non-U.S. history required of history majors and minors. WI

3970 HIS Study Abroad. (Arr.-Arr.-1-15) See STA 3970. WI

3990 HIS Medieval Archaeology, Honors. (Arr.-Arr.-1-4). An introduction to archaeology as a crossroads discipline, integrating a humanistic inquiry into history with the scientific methodologies which help evaluate the vestiges of past material culture. It will be taught only within the Semester Abroad program and emphasize the cultural heritage in the countries concerns. May be repeated. Cross-listed with ESC 3990. WI

4303 HIS Colonial America to 1763. (3-0-3) F. The origins of England's North American Colonies and their cultural, economic, political, social, and religious development in the period ending with the French and Indian War. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor. WI, US

4304 HIS Revolutionary America to 1789. (3-0-3) S. The origins of the American Revolution as the aftermath of the Great War for Empire, the conduct of the war, the adoption of the Articles of Confederation through the culmination of the Revolution in the Constitution of the United States. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor. WI, US

4400 HIS Independent Study in History. (Arr.-Arr.-1-4) Intensive individual study on a topic selected by student with approval of instructor and with permission of the department chairperson. (No student may earn more than four semester hours credit.) WI

4444 HIS Honors Independent Study. (3-0-3) Consideration of special topics in History. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. WI

4555 HIS Honors Research. (3-0-3) In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Any methodology may be utilized. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. WI

4600 HIS The Holocaust. (3-0-3) On Demand. An examination of the Holocaust from 1933-1945. This course will examine the many factors that led to the institutionalized destruction of European Jewry. Exclusion: Students may not receive credit for both HIS 4600 and EIU 4039G/4193G (Honors Senior Seminar, The Holocaust). WI, NUS

4644 HIS Honors Thesis. (3-0-3) Intensive research in preparation of a thesis on a topic in History approved by faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. WI

4666 HIS Honors Seminar. (3-0-3) Areas of investigation which require integration of History and research will be treated. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. WI

Courses Open to Juniors, Seniors, and Graduate Students

4775 HIS Selected Topics in History. (2-0-2 or 3-0-3 depending upon topic.) On Demand. Study of historical topics not typically presented in standard courses. Topics to be announced. May be repeated with permission of the department chairperson. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor. WI

4780 HIS Origins of Europe: Archaeology and History. (3-0-3) S. Introduction to the archaeology and history of early Europe (1000 B.C.-1000 A.D.), with an emphasis on how archaeological (material culture) and historical (written) sources are used in its study. Course may not be repeated. WI

4800 HIS The Renaissance and Reformation. (3-0-3) On Demand. A study of the intellectual and spiritual rebirth of Europe from 1350 to 1559. The Renaissance and Reformation movements shattered the medieval world-view, challenged its institutions and authorities, and ushered in the modern world. Prerequisite: Three semester hours in courses numbered 3000 and above in history or the consent of instructor. WI, NUS

4810 HIS Europe in the Nineteenth Century. (3-0-3) On Demand. An investigation into the political, economic, social and intellectual developments in 19th century Europe. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor. WI, NUS

4820 HIS The World in the Twentieth Century. (3-0-3) On Demand. The apex and decline of European hegemony in the age of the world wars, class war, cold war and totalitarianism. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor. WI, NUS

4830 HIS Eastern Europe from World War I to the Present. (3-0-3) On Demand. Eastern Europe from World War I to the present. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor. WI, NUS

4840 HIS Europe Since 1945. (3-0-3) On Demand. A political, social and cultural history of Europe since World War II. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor. WI, NUS

4845 HIS Women and Gender in Modern Europe. (3-0-3) S. Explores the political, social, and cultural history of women and gender relations in Europe from 1789 to the present. Cross-listed with WST 4845. WI

4850 HIS Mexico, Central America and the Caribbean. (3-0-3) On Demand. This course focuses on the relationships among the following issues in Mexico, Central America and the Caribbean: racial and ethnic identity; economic development; political structures, and migration. Prerequisite: Three semester hours in courses numbered 3000 and above in history or the consent of the instructor. WI, NUS3

4860 HIS Modern South Asia. (3-0-3) S. Studies the political, social, cultural and economic history of South Asia from c. 1600 – c. 1960. WI

4870 HIS. The Two Koreas. (3-0-3) On Demand. This course examines the historical context in which North and South Korea emerged and continued as a divided nation during the twentieth century. Particular attention will be paid to most important political, economic, and socio-cultural phenomena in the divergence of the images and reality of North and South Korea before, during, and after the national division of 1945. Course may not be repeated. WI

4880 HIS. Modern Japan: From Samurai to Freeters. (3-0-3) On Demand. This course examines the historical transformation of Japan from Tokugawa

times to the present. Particular attention will be given to the most influential political, economic, and social phenomena that the people have faced in the making of modern Japan since the nineteenth century. Course may not be repeated. WI

4900 HIS Historical Publishing (3-0-3) S. Writing, editing, and producing professional journal articles, book and exhibit reviews in history for a journal and newsletter in print and online. Prerequisite: Junior, Senior, or Graduate Status. WI

4910 HIS The Foundation of the American Constitutional and Political System. (3-0-3) S. Study of United States constitutional history from its roots in the Magna Carta through the modern age, with emphasis on historical controversies, disputes, and rival interpretations. Prerequisite: Three semester hours in history courses numbered 3000 and above or the consent of the instructor. WI, US

4930 HIS Public History: Meaning and Method. (3-0-3) On Demand. An introduction to public history that explores how conflicting interpretations of the past promoted by local amateurs, museum professionals, documentary producers and academic historians shape the public's understanding of the past. WI

4940 HIS The Early Republic: United States, 1789-1848. (3-0-3) F. An advanced survey of the American experience from the Age of Jefferson to the Age of Jackson, a period commonly called the Early Republic. Emphasis is on four interconnecting themes: a economic development, politics and reform, ideology and culture, and western expansion. Prerequisite: Three semester hours in history courses numbered 3000 or above, or permission of instructor. WI, US

4950 HIS The Emergence of Industrial America. (3-0-3) On Demand. Focusing on the period from 1880 to 1920, this course examines the economic, political, social, and cultural changes that accompanied the United States' transition from a rural to an urban nation. WI, US

4960 HIS Contemporary America. (3-0-3) On Demand. Study of major issues affecting the present generation with an emphasis upon historical courses and parallels. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor. WI, US

4970 HIS History of Ideas in America. (3-0-3) On Demand. The development of American ideas from first settlement to the present. Prerequisite: Three semester hours in courses numbered 3000 and above in history or written consent of the instructor. WI, US

4980 HIS. The Vietnam War: An American and Vietnamese Ordeal. (3-0-3) On Demand. A reading, discussion, and writing course focusing on the Vietnam War (Second Indochinese War, 1965-1975) from an American, Vietnamese, and international perspective. Course may not be repeated. Restriction: Juniors (60 credits or more). WI

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, if the permission of the instructor and the Dean of the Graduate School is secured before the first day of the semester. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the Graduate Catalog.

HONORS

Undergraduate Courses

1191 HON Honors First-Year Seminar. (3-0-3) F. An inquiry into the expectations, resources, policies, and traditions of university life and the Honors College. Students are challenged to enhance their intellectual and leadership potential through study of disciplinary perspectives on international and local issues while planning how they will make their own contributions to society. Prerequisite: Course is open only to University Honors Students and required for EIU Presidential Scholars. First-year student standing (fewer than 30 semester hours of earned credit). Credit will not be awarded for both EIU 1111 and HON 1191. This course may not be taken credit/no credit. WI

INDUSTRIAL TECHNOLOGY

Undergraduate Courses

1001 INT Introduction to Computer-Aided Design/Drawing (CAD). (1-0-1) S. An introduction to the operation of equipment and applications of a computer-aided design/drafting (CAD) system. Experience in CAD equipment in 2- and 3-D drawing. An over-view of the development, benefits and effects of CAD on the design/drafting industry.

1012 INT Technical Drawing. (1-2-2) F, S. An introduction to the conventions and the development of basic skills needed to produce technical drawings. Topics include: the design process, technical sketching, orthographic and

pictorial projection, working drawings, dimensioning and tolerancing, computer applications.

1263 INT Materials Technology. (3-0-3) F, S. An analysis of the structure and properties of materials as well as an introduction to processing principles. Emphasis on identification, properties, characteristics and application. **MTM 912**

1363 INT Graphic Communication Technologies. (1-4-3) F, S. Introduction to digital production technologies related to creating, transferring, and reproducing conventional graphic images, digital images and Web pages.

1413 INT Technological Systems. (3-0-3) F, S. An introduction to the technological areas of communication, transportation, construction and manufacturing. The course includes study of the evolution and current status of each area as well as their interrelationships.

2043 INT Computer-Aided Engineering Drawing. (1-4-3) F, S. Sketching, spatial visualization, computer-aided drawing (CAD) procedures, multiview drawing, dimensioning, tolerancing, threads and fasteners, and descriptive geometry. Prerequisite: INT 1012 or permission of instructor.

2064 INT Manufacturing Processes. (2-2-3) On Demand. A study of basic materials and processes used in industry. Emphasis on separating, forming, and combining processes.

2123 INT Digital Photography and Imaging. (2-2-3) F, S. This course will cover digital photography and professional lighting techniques needed to produce commercial print and web images for promotional, retail signage, advertising and marketing themes, and business applications.

2184 INT Electronic Circuits and Semiconductor Concepts. (2-4-4) S. An investigation of basic electric/electronic circuits including: simple DC circuits and theorems; AC circuit variables and components; semiconductor theory, devices and circuits; and an introduction to integrated circuits. Prerequisite: INT 2324 and MAT 1271.

2200G INT Materials Science. (3-0-3) Understanding the nature, applications, and environmental effects of natural and synthetic materials. Study of recycling and reclaiming materials and the problems associated with waste. NOTE: Industrial Technology majors may not enroll in this course.

2253 INT Construction Equipment and Materials. (1-4-3) F. The study of construction equipment and materials related to a range of specific construction processes. The course includes hands-on laboratory experiences along with lecture and multimedia presentations.

2300G INT Science and Technology: A Promise or a Threat? (3-0-3) The course will discuss the methods and development of scientific discoveries, their technological applications, and the impact of these activities on cultural, social, political, economic, and religious values. The influence of society on scientific research and technological development will be studied as well. Cross-listed with GEL 2300G. WI

2324 INT Electronic Control Systems. (2-2-3) F, S. An introduction to basic electrical industrial control concepts. Topics included basic electrical concepts, basic electrical automation and control concepts, introduction to loads and actuators, control sequencing and data acquisition fundamentals. Prerequisite: MAT 1270.

2523 INT Routing and Switching Fundamentals. (2-2-3) F. An in-depth hardware course in computer hardware systems, Open Systems Interconnect (OSI) model layers, configuration details of Internet Protocol routing, switching topics, and router operation as applied to industrial settings. Prerequisite: BUS 1950.

2953 INT Statics and Strength of Materials. (3-0-3) F-odd-numbered years. Study of systems of forces and couples application of mechanics to structural analysis. Topics include resultants, equilibrium of bodies and frames, trusses, moments of inertia, principal stresses and strains, torsional shear and deformation, shear and moment diagrams of beams, indeterminate structures, and elastic columns. Prerequisite: MAT 1340 or 1441G.

3012 INT Metrology and Inspection Procedures. (2-0-2) F, S. Applications of metrology in production manufacturing, inspection instruments and procedures. Prerequisite: MAT 1270 or higher or ACT composite score of 19 (SAT 910).

3043 INT Engineering Geometry and Graphics. (2-2-3) F, S. Advanced spatial geometry; parallel, angular and perpendicular relationship; graphical calculus; empirical equations; plane and space vectors. Prerequisite: INT 2043; MAT 1340 or 1441G.

3063 INT 3-D Modeling. (1-4-3) S. Planning and developing computer-aided solid models for design and manufacturing and assembly modeling. Prerequisite: INT 2043.

3073 INT Programmable Logic Controllers. (2-2-3) S. Introduction to programmable logic controllers (PLCs) through its operation, programming, and uses in the control of production, manufacturing, industrial, and other processes. Prerequisite: INT 2324, Electronic Control Systems.

3103 INT Robots and Control Systems. (1-4-3) S. A study of control systems and programming languages related to robots, programmable controllers, and automated systems used for transportation control. Mechanical, electrical, and fluid control systems used for automated control will be emphasized. Prerequisite: INT 2324 or permission of instructor.

3113 INT Manufacturing Machine Processes. (1-4-3) F. Study of processes involved in transforming primary materials into manufactured products through casting, molding, turning, drilling, shaping, milling, and grinding operations. Prerequisite: INT 1263.

3143 INT Manufacturing Fabrication Processes. (1-4-3) S. A study of advanced fabrication processes including forming, shaping, conditioning, fastening and finishing. Emphasis will be placed on heavy manufacturing techniques used for fabricating steel, cast iron, aluminum and plastic. Prerequisite: INT 1263.

3153 INT Advanced Routing and Switching. (2-2-3) S. This course focuses on additional hardware and networking applications of the topics covered in INT 2523, with emphasis on industrial networks of computer integrated machines. Prerequisite: INT 2523.

3183 INT Digital Logic and Data Communications. (1-4-3) F. An introduction to the study of digital electronics with emphasis on basic logic gates and circuits, analog, and digital conversion, data transmission/communication systems, and networking hardware and protocols. Prerequisite: INT 2324.

3203 INT Computer Numerical Control Programming. (2-2-3) S. Detailed study of Numerical Control Programming techniques used in manufacturing operations. This course includes a study of the principles of point-to-point and continuous path programming. Prerequisite: INT 3113.

3223 INT Architectural Drafting and Blueprint Reading. (2-2-3) S. Principles of architectural drafting and the interpretation of architectural plans. Codes and specifications related to light commercial and residential structures will be introduced. Prerequisite: INT 2043 and 2253.

3343 INT Digital Media Technologies. (1-4-3) On Demand. Advanced study of digital media applications applied to print and web media. Major emphasis will be on page layout, image capture and conversion, basic color theory, web page development, differences in computer operating systems and file formats. This course will include individual student and team projects applied to color output devices, and applications to print and web media. Prerequisite: INT 1363 or permission of instructor.

3603 INT Mechanical Systems in Residential and Commercial Buildings. (3-0-3) S. Study of principles and standards of mechanical, heating, and air-conditioning systems in construction. The course will concentrate on calculation and selection of pipes, ducts, equipments for water, sewer, ventilation, heating, and air-conditioning of residential and light commercial buildings. Prerequisites: INT 3223 and INT 2324.

3703 INT Machine Design. (3-0-3) F, S. Design of basic machine components: shafts, springs, bearings, gears, fasteners, belts, chains, screws, lubrication systems, welded joints, brakes, clutches, and hydraulic/pneumatic systems. Prerequisite: PHY 1351G, 1352G or (PHY 1151G, 1152G and MAT 1340 or 1441G).

3803 INT Applied Thermodynamics. (3-0-3) F-even-numbered years. Study of basic laws governing energy transmission. Thermodynamic properties of liquids, vapors and mixtures, the ideal gas law and the behavior of ideal gases, power and refrigeration cycles, heat transfer, and energy conversion. Prerequisite: PHY 1361, 1362 or (PHY 1151G, 1152G and MAT 1441G or 2110G).

3920 INT Independent Study. (Arr.-Arr.-1-5) Independent study related to personal technological career goals in industrial technology. May be repeated to maximum of five semester hours of elective credit in industrial technology. Prerequisite: Junior standing and permission of the Chair, School of Technology.

3970 INT Special Topics in Technology. (Arr.-Arr.-1-4) Study of special topics and emerging areas in technology not ordinarily covered in standard courses. Topics to be announced. Study may include readings, reports, group discussions, and laboratory activities. May be repeated in a different topic. Prerequisite: Junior standing or permission of the instructor.

4000 INT Undergraduate Research. (Arr.-Arr.-1-6) On Demand. This course provides the opportunity for undergraduate students to perform individualized applied laboratory and/or theoretical research under the supervision of a faculty member. A written report is required. Prerequisite: Cumulative GPA of 2.50; at least junior status, permission of instructor and department chair permission. May be repeated for a maximum of 6 credits.

4002 INT Materials Testing. (2-2-3) F, S. Applied analysis of mechanical and physical properties of industrial materials. Prerequisite: INT 1263; PHY 1151G, 1152G or PHY 1351G, 1352G. WI

4023 INT Manufacturing Automation. (3-0-3) F. Detailed study of the critical elements in automated and computer integrated production systems. This course will include a study of group technology, computer process planning, flexible manufacturing systems, and integrated computer aided design and manufacturing systems (CAD/CAM). Prerequisite: INT 2043, 3113 or 3203.

4123 INT Advanced Digital Capture for WEB and Print Publishing. (1-4-3) S. Detailed study of technical equipment and skills necessary for quality digital photographic imaging, digital scanning, image manipulation, image transfer for WEB and Print Publishing. Production techniques and operations of WEB Publishing and Print Publishing technologies will be demonstrated through the different phases of planning, organizing, quality control, posting and maintaining of a website. Selection of hardware and cross-platform software interface, design, and practical applications of networks will be explored. Prerequisite: INT 2123 or permission of the instructor for INT 4123.

4183 INT Microcomputer Interfacing and Data Acquisition. (2-2-3) S. A survey of microprocessor characteristics and operations, an investigation of computer interfacing requirements, a study of microcontrollers and microcontroller applications, and an overview of digital data acquisition hardware and software. Prerequisite: INT 2324.

4223 INT Construction Cost Estimating. (3-0-3) F. Principles of construction and cost estimating of materials, labor, and equipment. Conventional cost estimating methods to be applied to a wide variety of residential and commercial projects. Prerequisite: INT 3223.

4243 INT Construction Project Management. (3-0-3) S. Principles of project management applied in the construction industry. Contracting, specifications, codes, safety practices, and management practices utilized in modern construction projects. Prerequisite: INT 3223 or concurrent enrollment.

4274 INT Automation and Control Systems. (2-4-4) F. Study of industrial control systems, including: actuators and loads; sensors, transducers and feedback circuits; motion control; and automation and control system requirements. Prerequisite: INT 2324 or permission of the instructor.

4275 INT Industrial Internship. (Arr.-Arr.-1-10) (Credit/No Credit) Employment experience in an area related to the student's option. Prerequisite: Permission of the Chair, School of Technology, and junior standing.

4353 INT Print and Digital Media Production (1-4-3) F, S. Students will focus on production management for digital print and web page layout, magazine and brochure layout, editing and proofing, digital inkjet printing, offset and screen printing processes. Prerequisite: INT 1363 and INT 3343, or permission of instructor.

4444 INT Honors Independent Study. (Arr.-Arr.-1-4) Independent Study in Industrial Technology is designed for the individual needs of the student as related to student's career goals in Industrial Technology. May be repeated for up to four semester hours. May be counted toward the 15 hours of required course work in a technical concentration. Prerequisite: Admission to the Departmental Honors Program and permission of the Chair, School of Technology.

4555 INT Honors Research. (Arr.-Arr.-3) Research in Industrial Technology is undertaken with close supervision of a School of Technology faculty member. A written report is required. Required of students in the Departmental Honors Program. May be counted toward the nine hours of required Industrial Technology electives for the major. Prerequisite: Admission to the Departmental Honors Program and permission of the Chair, School of Technology.

4602 INT Physical Metallurgy. (2-2-3) S. Methods of altering, controlling and determining physical properties of metals. Prerequisite: INT 1263.

4644 INT Honors Thesis. (Arr.-Arr.-2-3) Written thesis based upon a survey of related literature and student's original research performed under the close supervision of a School of Technology faculty member. At least two semester hours are required of students in the Departmental Honors Program. May not be repeated. May be counted toward the technical concentration or required electives in Industrial Technology with the approval of the Departmental Honors advisor or coordinator. Prerequisite: Admission to the Departmental Honors Program and permission of the Chair, School of Technology.

4673 INT Work Measurement and Method Design. (3-0-3) S. Principles of motion and time study and methods engineering for the purpose of increasing productivity and reducing human effort. Special emphasis will be given to design and measurement of work in industrial environments. Prerequisite: INT 1263 and MAT 2110G or 1441G.

Courses Open to Juniors, Seniors, and Graduate Students

4800 INT Management of Innovation and Technology. (3-0-3) On Demand. Study of the development, adoption and implementation of new technology in industry. The focus is on the integration of business and technology strategies. Cross-listed with MGT 4800. Prerequisites: Senior standing and permission of the instructor.

4803 INT Plant Layout and Material Handling. (3-0-3) F. Study of the arrangement of physical facilities and material handling to optimize the interrelationships among operating personnel, material flow, and the methods required in achieving enterprise objectives efficiently, economically, and safely. Prerequisite: INT 2043 and INT 1263.

4813 INT Advanced Digital Media Technologies. (1-4-3) S. Class experiences will focus on the advance preparation, merging, and integration of various digital elements into a completed document for printed publication including web page development. The use of scanners, digital cameras, video and audio applications, selection of hardware and cross-platform software interface, design and practical applications of networks will also be highlighted.

4823 INT Facility Security. (3-0-3) F, S. This course is designed to prepare students to study facility security including: 1) monitoring personnel and their movements, 2) monitoring incoming and outgoing raw materials, 3) tracking finished goods and services, 4) protecting processes and equipment, 5) physical security, and 6) securing utilities (water, electric, etc.)

4833 INT Automatic Identification and Data Capture. (2-2-3) F, S. A study of the methods and systems used to automatically identify objects. Various forms of keyless data entry and capture through class and lab experience will be studied; bar coding, scanning, radio frequency identification (RFID), voice data entry, vision, biometrics, and other systems. Prerequisite: INT 2324 Electronic Control Systems or equivalent.

4843 INT Statistical Quality Assurance. (3-0-3) F, S. Principles of total quality control; Shewhart control charts; acceptance sampling; capability and reliability studies. Prerequisite: MAT 1271 or its equivalent.

4853 INT Polymers and Composites. (2-2-3) S. Study of polymeric and composite material fundamentals, manufacturing processes and applications including plastics and rubber, polymeric composites and other composite materials. Prerequisite: INT 1263; PHY 1151G, 1152G or 1351G, 1352G; and CHM 1310G and 1315G.

4863 INT Packaging Design, Specialty Inks, and Coatings (2-2-3) On Demand. Detailed study of the practical applications of package design for specific products including membrane switches, and theory of Radio Frequency Identification (RFID) printing processes. Specialty inks and coatings such as conductive inks, UV inks, food-grade inks, and microencapsulated inks will be explored. Prerequisite: INT 1363, INT 3343, junior standing; or permission of instructor.

4943 INT Manufacturing Management. (3-0-3) F, S. Survey of technical management areas in a manufacturing operation. This course will include but not be limited to a study of production control methods, plant layout, scheduling, inventory control, and other phases of planning, organizing, and controlling a manufacturing operation. Prerequisite: BUS 3010 and either MAT 2110G or 1441G or permission of the instructor. WI

4953 INT Color Management Applications: Print, Textiles, Web, and other Substrates. (2-2-3) S or F. Application of color theories, digital color reproduction, and quality control processes as they apply to color in the industries of printing, textiles, and web generated images. Prerequisite: Industrial Technology Majors: INT 3343, Digital Media Technologies; Family and; Consumer Sciences Majors: FCS 2244, Consumer Textiles: Care and Production, and FCS 3245, Textiles: Color Design Production; or permission of the instructor.

4970 INT Special Topics in Technology. (Arr.-Arr.-1-4) On Demand. Study of special topics and emerging areas in technology not ordinarily covered in standard courses. Topics to be announced. Study may include readings, reports, group discussions, and laboratory activities. May be repeated in a different topic. Prerequisite: Permission of the instructor.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the Graduate Catalog.

JOURNALISM

Undergraduate Courses

2001G JOURNALISM and Democracy. (3-0-3) F, S. A study of the role of journalism in a democracy, the effects of the news media on society and the individual, the importance of an informed electorate in a free, diverse society, and the responsibility of citizens to know, think and speak out about public issues. **MC 911**

2091G JOURNALISM and Democracy, Honors. (3-0-3) F, S. A study of the role of journalism in a democracy, the effects of the news media on society and the individual, the importance of an informed electorate in a free, diverse society, and the responsibility of citizens to know, think and speak out about public issues. Prerequisites: Admission to the University Honors College. **WI**

2101 JOURNALISM Writing. (2-2-3) On Demand. Introduction to the study and practice of gathering and writing information for news media. Prerequisite: A minimum grade of "B" in English 1001G or minimum grade of "C" in both English 1001G and English 1002G. **MC 919 WC**

2901 JOURNALISM Introduction to Copy Editing. (2-2-3) On Demand. The study of principles and practices of editing copy for various journalistic media. Emphasis on editing for accuracy, fairness, legal and ethical problems and proper style, grammar, word usage, and punctuation. Prerequisite: A minimum grade of "C" in JOURNALISM 2101. **MC920**

2950 JOURNALISM Introduction to Visual Communication. (2-2-3) On Demand. Study of design, communication and visual communication theory, principles, and techniques that are essential to understanding photojournalism and journalism visual design. Students will test their understanding by applying theory to journalistic photography and design assignments. This course may be taken only by journalism majors and minors. Credit will not be given for both JOURNALISM 2950 and INT 1363.

3000 JOURNALISM Advanced Reporting and Research (2-2-3) On Demand. Advanced techniques of writing and reporting for news media. Prerequisite: A minimum grade of "C" in JOURNALISM 2101. **WC**

3001 JOURNALISM Photojournalism. (2-2-3) On Demand. Photographic work in journalism with emphasis on photo content. Prerequisite: A minimum grade of "C" in JOURNALISM 2950 or permission of the instructor.

3102 JOURNALISM Feature Writing. (3-0-3) On Demand. Study and practice of developing and writing feature material for newspapers and magazines, including information-gathering, marketing, and surveying the place of features in the print media. Prerequisite: A minimum grade of "C" in JOURNALISM 2101 or permission of the instructor. **WC**

3301 JOURNALISM Editing and Design for Newspapers (2-2-3) On Demand. The study of principles and practices of headline writing, of selecting and editing photos and graphics and of layout and design as used principally in newspapers. Prerequisite: A minimum grade of "C" in both JOURNALISM 2101 and JOURNALISM 2950 or permission of the instructor. Credit will not be given for both JOURNALISM 3301 and 3302.

3302 JOURNALISM Editing and Design for Targeted Audiences. (2-2-3) On Demand. The study of principles and practices of headline writing, of selecting and editing photos and graphics, and of layout and design as used principally by magazines and by public relations professionals attempting to reach targeted audiences. Prerequisite: A minimum grade of "C" in both JOURNALISM 2101 and 2950 or permission of the instructor. Credit will not be given for both JOURNALISM 3301 and 3302.

3401 JOURNALISM Journalism Practicum. (Arr.-Arr.-1) On Demand. (Credit/No Credit) Supervised, journalism-related experiences on student media outlets, focusing on information-gathering, writing, editing, photography, design, online journalism, electronic journalism and public relations on student media such as The Daily Eastern News, The Warbler, @Magazine, WEIU-TV-FM, and The Agency. Prerequisite: JOURNALISM 2001 and a minimum grade of "C" in JOURNALISM 2101.

3501 JOURNALISM Principles of Advertising. (3-0-3) On Demand. Principles of advertising with special emphasis on advertising design and sales for mass media.

3610 JOURNALISM Broadcast News Writing. (2-2-3) On Demand. Emphasis will be placed upon fitting news copy and coverage to station requirements and audience needs in varying market situations. This course will include news gathering, analysis, editing, and rewriting of wire service copy for broadcasting. Cross-listed with CMN 3610. Prerequisite: JOURNALISM 2101 or CMN 2575, or permission of instructor. Credit not granted for both JOURNALISM 3610 and CMN 3610. **WC**

3620 JOURNALISM Electronic News Gathering. (2-2-3) On Demand. A study of the electronic news gathering process, editing, presentation and evaluation for radio and television. Creation of special programs for WEIU. Cross-listed with

CMN 3620. Prerequisite: CMN/JOURNALISM 3610 or permission of instructor. Credit not granted for both JOURNALISM 3620 and CMN 3620.

3701 JOURNALISM Online Journalism. (1-0-1) On Demand. In-depth study of the implications of the Internet on journalistic media. Prerequisite: A minimum grade of C in JOURNALISM 2950 or permission of the instructor and concurrent enrollment in JOURNALISM 3702.

3702 JOURNALISM Online Journalism Lab. (0-4-2) On Demand. In-depth laboratory for the design and production of journalistic Web sites using elements of design, photography, audio, and video as means of journalism delivery. Prerequisite: A minimum grade of C in JOURNALISM 2950 or permission of the instructor and concurrent enrollment in JOURNALISM 3701.

3705 JOURNALISM Public Relations Writing (2-2-3) On Demand. The study and practice of writing for public relations including news releases, brochures, newsletters, Web site copy and applications, for print, electronic, and new media. Prerequisite: A minimum grade of "C" in JOURNALISM 2101 and JOURNALISM 2901 or permission of the instructor. **WC**

3706 JOURNALISM Sports Writing (2-2-3) On Demand. Advanced techniques of writing and reporting on sports for print, online, and electronic media. Prerequisite: A minimum grade of "C" in JOURNALISM 2101. **WC**

3800 JOURNALISM Advanced Editing (2-2-3) On Demand. A critical study of publication content, management, and copy editing for those preparing to work in print or online publications. Prerequisite: A minimum grade of "C" in JOURNALISM 2901 or permission of the instructor.

3820 JOURNALISM Publicity Methods. (3-0-3) Publicizing events, products and organizations through the media. Practical application stressed. For those who will do publicity as part of their careers in business, family and consumer sciences, science, etc. Not open to journalism majors.

3903 JOURNALISM Women and the Media. (3-0-3) On Demand. An overview of women's roles as media participants and consumers. Effects of media treatment of women on society and individuals. Examination of the images and roles of women in media such as newspapers and magazines. Prerequisite: ENG 1002G.

3920 JOURNALISM Public Relations in Society. (3-0-3) On Demand. A study of the impact public relations has in society with major emphasis on providing information to the media (publicity); establishing mutually beneficial relations (employee, consumer, and community relations); and serving as the organization's conscience (counseling).

3950 JOURNALISM Special Topics. (Arr.-Arr.-1-3) On Demand. A course devoted to special topics in journalism. May be repeated for a maximum of six semester hours with permission of the department chairperson. Prerequisite: JOURNALISM 2001 and permission of the instructor. **WC**

3951 JOURNALISM Minorities and the Media. (3-0-3) On Demand. A course devoted to the purpose, problems, and present status of the minority press in the United States, and to the treatment of minorities in the majority media. Students are encouraged to develop research interests and to present their discoveries through oral and written presentation. Prerequisite: ENG 1002G.

3952 JOURNALISM International Journalism and the World Press: Processes, Issues, Functions and Challenges. (3-0-3) On Demand. A course devoted to the study of world press systems. The course will examine issues and processes of international news dissemination as well as the nature and functions of the press in selected countries/regions, with an emphasis on socio-political and economic factors.

3953 JOURNALISM Perspectives on Sports and the Media. (3-0-3) On Demand. An examination of the impact sports and the mass media have had and are continuing to have on each other. Focus on the history of sportswriting and sportsbroadcasting and the state of these fields today. Cross-listed with CMN 3953. Prerequisite: ENG 1001G and ENG 1002G; JOURNALISM 2001 or CMN 2520 or permission of instructor. Credit not granted for both JOURNALISM 3953 and CMN 3953.

4001 JOURNALISM Newspaper Management. (3-0-3) On Demand. Understanding of skills and attitudes necessary to publish a community newspaper. Prerequisite: JOURNALISM 3000 or permission of the instructor.

4102 JOURNALISM Journalism Ethics. (3-0-3) On Demand. Ethical principles and issues of journalism; philosophical and professional standards of reporting and editing for newspapers, broadcast, and online journalism. Prerequisite: Junior Standing. **WI**

4275 JOURNALISM Journalism Internship. (Arr.-Arr.-1-3) (Credit/No Credit) Actual training in a print or electronic news medium or in a related professional journalism environment. Prerequisite: JOURNALISM 3000 and permission of the department chair.

4444 JOU Honors Independent Study. (Arr.-Arr.-1-6) On Demand. Consideration of special topics in Journalism. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisite: Admission to the Departmental Honors Program and permission of Departmental Honors Coordinator. May be repeated for maximum of six semester hours. WI

4555 JOU Honors Research. (Arr.-Arr.-1-6) On Demand. In consultation with a faculty mentor, the student will design, execute and present the results of an original piece of research in Journalism using appropriate methodology. Prerequisite: Admission to the Departmental Honors Program and permission of Departmental Honors Coordinator. May be repeated for maximum of six semester hours.

4644 JOU Honors Thesis. (Arr.-Arr.-3-6) On Demand. Original research in preparation of a thesis on a topic in Journalism approved by faculty supervisor and Departmental Honors Coordinator. Students in the Journalism Honors Program must complete at least three credit hours of thesis work. Prerequisite: Admission to the Departmental Honors Program and permission of Departmental Honors Coordinator. May be repeated for maximum of six semester hours. WI

4666 JOU Honors Seminar. (Arr.-Arr.-1-6) On Demand. Areas of investigation that require integration of Journalism and research on a topic approved by faculty supervisor and Departmental Honors Coordinator. Prerequisite: Admission to the Departmental Honors Program and permission of Departmental Honors Coordinator. May be repeated for maximum of six semester hours.

Courses Open to Juniors, Seniors, and Graduate Students

4750 JOU Independent Study. (Arr.-Arr.-1-3) On Demand. Individual pursuit of in-depth study of selected topic in Journalism developed by student. Prerequisite: 75 semester hours and approval of the Department of Journalism chairperson. Course may be repeated for maximum of six semester hours with approval of Journalism chairperson. WI

4751 JOU Advanced Photojournalism. (3-0-3) On Demand. Theory and practice of the photo essay, photo story and other extended forms of photojournalism from inception to display. Stresses magazine-style presentation in book, magazine and newspaper form. Prerequisite: A minimum grade of "C" in JOU 3001 or permission of instructor.

4760 JOU Advanced Publication Design. (3-0-3) On Demand. Study and application of advanced editing, typography, graphics, and the design of magazines, newspapers, public relations pieces, advertisements, and yearbooks. Prerequisite: A minimum grade of "C" in JOU 3301 or 3302 or permission of instructor.

4761 JOU Advanced New Media Design. (2-2-3) On Demand. The study and design of advanced forms of journalism and storytelling using emerging new media such as streaming audio, video, animations, virtual reality simulations and other means and media. Prerequisite: JOU 3701/3702 or permission of the instructor.

4762 JOU Interactive Reporting and Design. (1-3-3) On Demand. Class will focus on the creation of interactive journalistic packages. Industry standard software (such as Flash) and the corresponding scripting languages will be used extensively. The course will emphasize how best to use interactive packages to communicate effectively with diverse audiences. Prerequisite: JOU 3701/3702 or permission of the instructor.

4770 JOU News Media Opinion Writing and Editing. (3-0-3) On Demand. Study and practice of how news media perform their opinion function, with emphasis on writing editorials and editing newspaper opinion pages. Prerequisite: JOU 3000 or permission of the instructor. WI

4771 JOU Communication Law. (3-0-3) On Demand. The study of the history and development of media law in the United States. Major emphasis will be placed on speech and press theories, libel, invasion of privacy, copyright, broadcast and advertising regulation, access to government records and meetings, access to court proceedings, and legal rights and limitations of new media. Prerequisite: Junior standing.

4801 JOU Issues in Supervising High School Publications. (1-0-1) On Demand. Study of the issues faced by advisers to high school publications with emphasis on adviser, administration and staff relationships; staff recruitment and motivation; publication, finance and management; and legal and ethical issues. Prerequisite: Permission of instructor.

4802 JOU Issues in Supervising High School Newspapers. (1-0-1) On Demand. Study of the issues faced by advisers to high school newspapers with emphasis on the adviser's roles and duties; development and implementation of editorial policies; staff organization; development of content; and writing, editing, design and production. Prerequisite: JOU 4801 or permission of instructor.

4803 JOU Issues in Supervising High School Yearbooks. (1-0-1) On Demand. Study of the issues faced by advisers to high school yearbooks with emphasis on the adviser's roles and duties; development and implementation of editorial policies; staff organization; development of content; and writing, editing, design and production. Prerequisite: JOU 4801 or permission of instructor.

4804 JOU Special Topics in Supervising High School Publications. (1-0-1 or 2-0-2) On Demand. In-depth study of selected topics related to supervising high school publications. May be taken as many as three times with permission of the department chair. Prerequisite: Permission of the instructor.

4900 JOU Journalism Seminar. (3-0-3) On Demand. In-depth study of various topics in journalism. Prerequisite: Permission of the instructor. WI

4919 JOU Public Relations Techniques. (3-0-3) On Demand. Effective techniques of a public relations program including basic concepts and principles of the public relations profession, the roles and functions, planning, managing, and executing campaigns. Prerequisite: JOU 3920. A minimum grade of "C" in JOU 3302. Credit will not be given for both JOU 4919 and CMN 4919.

4920 JOU Case Studies in Public Relations Problems. (3-0-3) On Demand. Public relations case problems in industry, business, labor, education, government, social welfare and trade associations; the application of public relations techniques. Prerequisite: JOU 4919. Credit will not be given for both JOU 4920 and CMN 4920.

KINESIOLOGY & SPORTS STUDIES (Formerly Physical Education)

Activity courses numbered 0020 to 1000 may be taken up to eight times; those numbered 1400 to 1940 may be taken up to four times. Non-physical education majors may count four semester hours in physical education activity courses toward graduation; physical education majors and minors and recreation administration majors may count up to six semester hours of credit in physical education activity courses. Hours beyond the four- and six-hour restrictions will not count toward graduation but will be computed in the cumulative GPA. Physical education and recreation administration majors may not elect the Credit/No Credit option for one-semester-hour activity courses.

0020 PED Baseball (Intercollegiate Team Participation). (0-10-1) S. May be taken up to eight times with credit.

0030 PED Basketball (Intercollegiate Team Participation). (0-10-1) F, S. May be taken up to eight times with credit.

0050 PED Soccer (Intercollegiate Team Participation). (0-10-1) F. May be taken up to eight times with credit.

0060 PED Volleyball (Intercollegiate Team Participation). (0-10-1) F. May be taken up to eight times with credit.

0090 PED Football (Intercollegiate Team Participation). (0-10-1) F. May be taken up to eight times with credit.

0100 PED Softball (Intercollegiate Team Participation). (0-10-1) S. May be taken up to eight times with credit.

0120 PED Golf (Intercollegiate Team Participation). (0-10-1) F, S. May be taken up to eight times with credit.

0140 PED Tennis (Intercollegiate Team Participation). (0-10-1) F, S. May be taken up to eight times with credit.

0150 PED Wrestling (Intercollegiate Team Participation). (0-10-1) F, S. May be taken up to eight times with credit.

0160 PED Cross Country and Track (Intercollegiate Team Participation). (0-10-1) F, S. May be taken up to eight times with credit.

0180 PED Swimming (Intercollegiate Team Participation). (0-10-1) F, S. May be taken up to eight times with credit.

1000 PED Physical Development. (0-2-1) F, S. May repeat, with credit, for a maximum of four times.

1150 PED Lifetime Fitness (2-0-2) On Demand. Lifetime Fitness will cover principles related to physical activity. Students will be expected to complete a variety of physical activity self assessments. Credit will not be given for both PED 1150 and PED 2850. The course is not open to Physical Education majors or minors.

1310 PED Aqua Exercise. (0-2-1) F, S. An aqua exercise program for swimmers and non-swimmers designed to enhance fitness development. Will not count for Physical Education aquatics requirements, or in 1 hour service

course requirements for Physical Education majors with teacher certification options.

1400 PED Swimming (Beginning). (0-2-1) For beginning swimmers only. Persons able to swim 45 feet should enroll in PED 1410. May be taken four times to meet the minimum 120 semester hours toward graduation.

1410 PED Swimming (Intermediate). (0-2-1) F, S. For intermediate swimmers. Persons able to swim 45 feet should enroll in this class. May be taken four times to meet the minimum 120 semester hours toward graduation.

1440 PED Lifeguarding. (0-4-2) F, S. Upon satisfactory completion of the course, students will be certified by the American Red Cross as Lifeguards. May be taken four times to meet the minimum 120 semester hours toward graduation. Prerequisite: Pass a preliminary swim test. Exit requirements to be completed by the end of the course: ARC Standard First Aid (HST 3120), and CPR, or equivalent certifications.

1470 PED Lifeguard Instructor Training. (0-2-1) S. An introduction to the techniques of teaching the American Red Cross course, Lifeguard Training, and basic rescue skills. Students receive ARC certification upon completion of course requirements. May be taken four times to meet the minimum 120 semester hours toward graduation. Prerequisite: 17 years old and PED 1440 or proof of having taken ARC Lifeguard Training.

Undergraduate Professional Courses

1500 PED Physical Education as a Profession. (2-0-2) F, S. An introductory professional course which includes the general scope, purpose, history, growth and development, and career assessment of physical education.

1600 PED Weight Training. (0-2-1) This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1660 PED Bowling. (0-2-1) This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation. Fee.

1670 PED Golf. (0-2-1) This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1691 PED Jogging. (0-2-1) F, S. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1692 PED Aerobic Exercise. (0-2-1) F, S. Designed to introduce students to the fundamentals of aerobic exercise which is accompanied by music and which promotes an understanding of personal physical fitness. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1720 PED Basketball. (0-2-1) F, S. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1740 PED Soccer. (0-2-1) F. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1750 PED Softball. (0-2-1) F. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1770 PED Volleyball. (0-2-1) F. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1810 PED Badminton. (0-2-1) F, S. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1830 PED Racquetball. (0-2-1) This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1850 PED Self Defense. (0-2-1) F, S. The course is designed to introduce students to the art of self defense.

1870 PED Tennis. (0-2-1) This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1920 PED Ballroom Dance. (0-2-1) F, S. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1930 PED Square Dance. (0-2-1) F, S. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

1940 PED Jazz Dance. (0-2-1) F, S. Fundamentals of jazz dance techniques. This is a beginning course. May be taken four times to meet the minimum 120 semester hours toward graduation.

2000 PED Technique and Practice of Teaching Physical Education Activities. (0-2-1) F, S. An introduction to the techniques of teaching physical education through observation and participation. A minimum of 21 clock hours

will be spent in a pre-clinical teaching experience. Preference will be given to Physical Education majors.

2101 PED Technique and Theory of Badminton and Tennis. (0-4-2) F. The development of basic skills and techniques of badminton and tennis.

2102 PED Technique and Theory of Golf and Bowling. (0-4-2) F. The development of basic skills and techniques of golf and bowling. Fee

2103 PED Technique and Theory of Track and Field and Weight Training. (0-4-2) S. The development of basic skills of track, field, and weight training.

2104 PED Technique and Theory of Aerobic Exercise and Strength Training. (0-4-2) F, S. An introduction to the techniques, theory, safety and knowledge of performing and teaching aerobic exercise and strength training. Certifications and professional associations will be discussed.

2106 PED Technique and Theory of Team Activities. (0-4-2) F, S. Introduction to dual, combative, and large group activities of low organization of recreational nature considered as enrichment activities for junior and senior high school physical education.

2130 PED Athletic Training Practicum. (Arr-Arr.-1) F, S. Practical experience in athletic training skills.

2135 PED Basic Care and Prevention of Athletic Injuries. (3-0-3) F, S. Primary causes of injuries; analysis of preventive measures; care of injuries in relation to type of tissue involved. Fee

2136 PED Athletic Training as a Profession. (2-2-3) F. Introduction of basic Athletic Training skills and procedures. Prerequisite: PED 2130, 2135, or permission of instructor for transfer students; all students must have minimum of 12 credit hours. Fee

2145 PED Technique and Theory of Teaching Swimming (WSI). (0-4-2) F, S. An introduction to the techniques of teaching swimming, including practice in all American Red Cross programs. Students will receive Red Cross WSI certification to teach upon completion of course requirements. Prerequisite: Must pass a preliminary swim test; PED 1440 suggested.

2220 PED Technique and Theory of Folk, Square, and Ballroom Dance I. (0-4-2) F, S. Basic techniques and skills in folk, square and ballroom dance.

2230 PED Technique and Theory of Modern Dance I. (0-4-2) F, S. An introduction to an American dance art form. The techniques and the philosophy on which they are based are explored in a studio setting.

2260 PED Technique and Theory of Ballet. (0-4-2) F. A course with emphasis on beginning classical ballet techniques.

2360 PED Techniques and Theory of Softball and Volleyball. (0-4-2) S. The development of basic game skills, strategies and technique in softball and volleyball.

2380 PED Technique and Theory of Flag Football and Basketball. (0-4-2) S. The development of basic game skills, strategies and techniques in basketball and flag football.

2390 PED Technique and Theory of Soccer/Speed-ball, and Modified Team Sports. (0-4-2) F. Instruction in the techniques, theory, and game procedures in soccer, speedball, and modified team sports.

2440 PED Kinesiology. (4-0-4) The study of basic human anatomy, muscle actions, and laws of physics as used in the performance of sport skills.

2450 PED Physical Education for Exceptional Individuals. (3-0-3) F, S. An introduction to various conditions and activity programs, suitable to the needs of exceptional individuals.

2700 PED Dimensions of Physical Performance. (2-2-3) A study of how physical lifestyle choices regarding physical labor, activity, and structured exercise impact the individual and society and the implementation of behavior change strategies used for adherence to a positive lifestyle.

2850 PED Fitness for Life. (2-2-3) An individualized approach for the assessment, analysis and understanding of a lifetime of wellness through fitness. The course includes a thorough physical fitness/risk factor assessment in the Human Performance Laboratory.

2890 PED Fitness for Life, Honors. (2-2-3) On Demand. An individualized approach for the assessment, analysis, and understanding of a lifetime of wellness through fitness. The course includes a thorough physical fitness/risk factor assessment in the Human Performance Laboratory. Prerequisite: Admission to the University Honors College.

2900G PED International Expression for Dance. (3-0-3) A study of major international dance forms, with emphasis on awareness, appreciation, and understanding of their contributions to the arts. F1 906 WI

2960 PED Aesthetics of the Dance. (3-0-3) S. A study of dance as a created, performed, perceived art with discussion of aesthetic principles and stylistic approaches as they relate to dance as an art experience.

3000 PED Fitness Concepts for Teachers. (1-0-1) A study of fitness concepts and their applications for practicing and future teachers of all disciplines. Interdisciplinary fitness concepts will be introduced to be used across the curriculum. Restriction: Physical Education Majors are excluded.

3140 PED Injury Recognition and Upper Extremity. (2-4-4) S. A study of the relationship of the upper extremity to various injuries, assessment procedures and immediate care of those injuries. Prerequisite: PED 2130, PED 2135, PED 2136.

3141 PED Therapeutic Exercise. (2-4-4). F. A study of indications, contraindications, physiological effects, resistance methods, and prescription relating therapeutic and injury preventive exercise. Prerequisite: PED 2130, PED 2135, PED 2136.

3142 PED Injury Recognition – Lower Extremity. (2-4-4) S. A study of the relationship of the lower extremity to various injuries, assessment procedures and immediate care of those injuries. Prerequisite: PED 2130, PED 2135, PED 2136.

3143 PED Therapeutic Modalities. (2-4-4) F. A study of physical principles, physiological effects, indications, contraindications, and standard operating procedures of all therapeutic modalities commonly used in Athletic Training. Prerequisite: PED 2130, PED 2135, PED 2136.

3144 PED Seminar in Sports Medicine. (3-0-3) F. A seminar approach to Sports Medicine as it pertains to Athletic Training, including but not limited to administration, legal implications, confidentiality, budget processes, insurance, facility planning and maintenance and contemporary issues and trends currently facing the profession. Prerequisite: PED 2130, PED 2135, PED 2136.

3180 PED General Medical Conditions in the Athlete (2-0-2) S. A study of general medical conditions and disabilities, wound care and management techniques and environmental related conditions found in athletes. Prerequisites: PED 2130, PED 2135, PED 2136

3400 PED Methods of Teaching Physical Education. (3-0-3) Techniques and methods of teaching students in the area of physical education. Thirty clock hours minimum of pre-clinical experience required. Prerequisite: PED 2000, EDP 3331 and SED 3330; for ISEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110.

3460 PED Soccer Coaching. (2-1-2) S. A course which includes offensive and defensive styles of play, fundamental skills, individual and team play, and rules and strategy of soccer. Prerequisite: Previous background or permission of the instructor.

3470 PED Basketball Coaching. (2-2-3) F. Offensive and defensive styles of play; fundamentals, individual and team play; rules and strategy; conduct of tournament play. Prerequisite: Previous background or permission of instructor.

3480 PED Football Coaching. (2-2-3) S. Fundamentals of football including blocking, tackling, passing, kicking, offensive and defensive line and backfield play; conditioning; rules and strategy. Prerequisite: Previous background or permission of instructor.

3490 PED Track and Field Coaching. (2-2-3) S. Fundamentals of track and field events. Organization of track meets. Study of rules and strategy. Prerequisite: Previous background or permission of instructor.

3500 PED Baseball Coaching. (2-1-2) F. This course is designed to provide the student with the knowledge and skills to coach baseball. Emphasis is placed upon coaching methods and techniques, formulation of practice plans, offensive and defensive team strategy, and in-depth study of baseball rules. Prerequisite: Permission of the instructor.

3600 PED Introduction to Elementary School Physical Education. (0-4-2) Physical education as it relates to the total education of the elementary school child with emphasis on the developmental approach.

3610 PED Game Activities for Elementary Schools. (3-0-3) F. Body mechanics and games; emphasis is on the analysis of and practice in such basic skills as throwing, catching, dodging, striking an object. Prerequisite: Grade of "C" or better in both PED 2000 and PED 3600.

3620 PED Rhythmical Activities for Elementary Schools. (3-0-3) F. Dance and creative rhythms; emphasis is on basic locomotor and axial skills in

movement as well as the specific skills in folk and square dance. Prerequisites: Grade of "C" or better in both PED 2000 and PED 3600.

3630 PED Tumbling and Apparatus Activities for Elementary Schools. (3-0-3) S. A study of tumbling and apparatus in the elementary school curriculum. Spotting techniques in mat and apparatus work are stressed. Prerequisites: Grade of "C" or better in both PED 2000 and PED 3600.

3641 PED Rhythms/Dance/Tumbling for Elementary Physical Education. (0-2-1) On Demand. A study of developmentally appropriate rhythms, dance, and tumbling skills and activities for the elementary school child. Prerequisite: PED 3600.

3700 PED Psychological Foundations of Coaching. (2-0-2) F. The course is designed to provide the prospective athletic coach with an understanding of the principles of psychology as they apply to coaching.

3720 PED Exercise Psychology. (2-0-2) On Demand. A Study of the psychological factors related to participation in physical activity. Students will study the psychological predictors of exercise initiation and adherence as well as the consequences of physical activity participation on mental well-being. Prerequisite: A grade of C or better in PED 2850. Preference given to Physical Education Majors.

3770 PED Volleyball Coaching. (2-1-2) F. Fundamentals of advanced skills and strategies of volleyball with emphasis on teaching and coaching techniques to be used at various levels of game play. Prerequisite: Previous experience or permission of instructor.

3800 PED Biomechanics of Human Movement. (2-0-2) F, S. The study of the nature and function of human movement in physical activity. Also discussed will be the linear and angular kinematic variables during human movement. Prerequisite: Admission to the Physical Education major; Grade of "C" or better in BIO 2001G, PED 1500, and PED 2440.

3900 PED Microcomputers in Physical Education. (3-0-3) F. This course is designed to orient students to the various kinds of software and hardware being used in the physical education and fitness-related occupations. History, hardware and software selection specific to physical education, software evaluation, fitness data management, and word processing will be included in the course content. Prerequisite: No minimum programming level requirements; this is not a programming course. Credit will not be given for both HST 3199 and PED 3900. Grade of "C" or better in BIO 2001G, PED 1500, and PED 2440.

4275 PED Field Experience. (Arr.-Arr.-3 or 6) (Credit/No Credit) An individually planned work experience in a business, agency, or program appropriate to the student's area of specialization. Prerequisite: Admission to Physical Education major; Completion of all coursework to complete Physical Education degree; permission of B.S. Advisor and Chairperson.

4320 PED Organization, Administration, and Curriculum in K-12 Physical Education. (3-0-3) On Demand. Administrative theory and philosophy, management structures for teacher certification Physical Education and sport programs, curriculum theory and application, school program structure, facility and fiscal management, legal liability, public relations, and new trends in school Physical Education and Athletic Programs. Prerequisite: Grade of 'C' or better in PED 1500. Restricted to PED teacher certification majors and minors. WI

4325 PED Organization and Administration in Sport Management and Exercise Science. (3-0-3) On Demand. Analysis and application of organizational and administrative theories, concepts, and practices essential to implementing a successful program in an exercise and sport-related setting. Prerequisites: Grade of "C" or better in BIO 2001G, PED 1500, and PED 2440. Preference is given to students in the concentrations of Exercise Science and Sport Management in Physical Education. WI

4340 PED Principles of Exercise Physiology. (3-0-3) The course is designed to provide the prospective physical educator and paramedical personnel with an understanding of the physiological factors which affect human performance. Prerequisite: Grade of "C" or better in BIO 2001G, PED 1500, and PED 2440; or permission of Department Chair.

4440 PED Physical Fitness Appraisal and Performance Assessment. (2-2-3) F. A study of the basic scientific components of fitness and the measurement of different indices of physical fitness common to corporate, clinical, and laboratory settings. Prerequisite: Grade of "C" or better in BIO 2001G, PED 1500, PED 2440, and PED 4340.

4450 PED Designing Exercise and Sports Training Programs. (3-0-3) S. The application of exercise science principles to the design and implementation of exercise and sports training programs for the coach, teacher and sport practitioner. Prerequisite: Grade of "C" or better in BIO 2001G, PED 1500, PED 2440, PED 4340, and PED 4440.

4460 PED Principles of Resistance Training. (3-0-3) On Demand. Application of scientific principles towards the development of safe and effective resistance training programs designed to improve general health and physical performance in various populations. Prerequisites: Grade of "C" or better in BIO 2001G, PED 1500, PED 2440, PED 4340, and PED 4440.

4470 PED Measurement and Evaluation in Physical Education. (3-0-3) Selection and administration of physical measurements and written tests commonly used in physical education.

4741 PED Independent Study. (Arr.-Arr.-1-3) As arranged. **NOTE:** May be repeated; the maximum amount of credit which may be earned is six semester hours. Prerequisites: Junior status and Permission of Department Chairperson.

Courses Open to Juniors, Seniors, and Graduate Students

4760 PED Sport Law. (3-0-3) S. A survey of the law of liability, negligence and tort in sport (including coaching) and fitness agencies. Pertinent concepts related to owning and operating a fitness club and legal constraints affecting the operation of athletic facilities will be included. Prerequisite: Grade of "C" or better in BIO 2001G, PED 1500, and PED 2440; or permission of the department chair.

4761 PED Sport Management and Administration. (3-0-3) F. Concepts, administrative processes, systems and styles with theoretical application to leadership in various sport and fitness environments. Prerequisite: PED 4320 or permission of instructor. Grade of "C" or better in BIO 2001G, PED 1500, and PED 2440; or permission of the department chair.

4762 PED Publicity in Sports. (3-0-3) S. Applications and protocol of sports publicity strategies. Prerequisite: Grade of "C" or better in BIO 2001G, PED 1500, and PED 2440; or permission of the department chair.

4880 PED Theory of Motor Behavior. (3-0-3) S. A study of the factors influencing human movement and skill learning. Emphasis is placed upon theories and concepts relating to motor skill performance.

4900 PED Special Topics in Exercise Physiology. (1-0-1) Study of special topics and contemporary issues and trends in Exercise Physiology. May be repeated with different topics for up to three undergraduate and/or three graduate credits with permission of advisor or Department Chairperson. Prerequisite: Grade of "C" or better in BIO 2001G, PED 2440, and 4340; or permission of the Department Chair.

4980 PED. Advanced Coaching/"Name of Sport". (1-0-1) Su. Study of advanced coaching techniques, strategies, and trends in a particular sport. May be repeated with different sports for up to three undergraduate and/or three graduate credits with permission of advisor or Department Chairperson. Prerequisites: Coaching course of the particular sport or permission of Department Chair.

Graduate Courses

(Courses numbered 5000-5499 inclusive may be taken by a senior whose GPA is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School.) For graduate courses, see the Graduate Catalog.

LATIN AMERICAN STUDIES

Undergraduate Courses

4400 LAS Latin American Studies. (Arr.-Arr.-3) On Demand. Individual study of a topic of the student's choice under the direction of a faculty member approved by the Chairperson of the Latin American Studies Committee. The student must submit and receive approval of a detailed study plan prior to central registration. Prerequisite: Enrollment in the Latin American Studies minor; consent of supervising faculty member and permission of the Chairperson of the Latin American Studies Committee.

MANAGEMENT

Undergraduate Courses

3450 MGT Human Resource Management. (3-0-3) F, S. A survey of concepts relating to the personnel function: Recruitment, selection, compensation, labor relations, training and development, and performance appraisal. Prerequisite: BUS 3010 and admission to the School of Business or to a minor offered by the School of Business or permission of the Associate Chair.

3470 MGT Commercial Law. (3-0-3) F, S. A survey of law of sales, commercial paper, secured transactions, debtor-creditor law, and bankruptcy. Prerequisite: BUS 2750, junior standing, and admission to the School of Business or permission of the Associate Chair.

3480 MGT Law of Business Organizations. (3-0-3) On Demand. A survey of the law of agency, partnerships, corporations, insurance, real estate and estates. Prerequisite: BUS 2750, junior standing, and admission to the School of Business or permission of the Associate Chair.

3800 MGT Introduction to Operations Research. (3-0-3) On Demand. An introduction to, and survey of, the quantitative methods and techniques of modern science to today's problem of management decision-making. Topics include linear programming, network models, decision theory, and queuing theory. Includes application of computer software solution techniques. Prerequisite: MAT 2110G or MAT 2120G, junior standing, admission to the School of Business or majoring in math or chemistry with a concentration in Chemistry Management or permission of the Associate Chair.

3830 MGT Managerial Communications. (3-0-3) F, S. A study of the preparation, organization, and presentation of written and oral research-oriented reports required for job-related assignments based on business or technical positions. Prerequisite: Junior standing and admission to the School of Business or permission of the Associate Chair. WC

3900 MGT Employment Law. (3-0-3) S. A study of the social and legal framework governing regulation of human resources management, including ethical principles, case law, statutes, and administrative rules. Topics include common law employment principles, federal and state regulation including equal employment opportunity laws, sexual harassment law, workers' compensation, wage and hour statutes, and labor relations. Prerequisites: BUS 2750, BUS 3010 and admission to the School of Business.

3970 MGT Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4275 MGT Internship in Management. (Arr.-Arr.-1-12) (Credit/No Credit) Monitored work or service experience requiring development and application of management knowledge and skills. Prerequisite: Admission to the School of Business, BUS 3010, and approval of Internship Learning Agreement by the Associate Chair, School of Business. Up to 12 hours of internship credit may be counted for graduation.

4310 MGT Organizational Behavior. (3-0-3) F, S. A study of concepts and theories relating to the behavior of individuals and groups in organizations. Prerequisite: BUS 3010 and admission to the School of Business or permission of the Associate Chair.

4320 MGT Small Business and Entrepreneurship. (3-0-3) F, S. Study of small business management and entrepreneurship. Topics include role of small business, knowledge needed to start a business, and the business plan. Prerequisite: BUS 3710 or 2710, BUS 3010 and BUS 3470.

4330 MGT Entrepreneurial Law. (3-0-3) On Demand. A study of the laws, legal issues, and ethical issues affecting entrepreneurs and small businesses from business start up through daily operations to termination. Prerequisite: BUS 2750 and junior standing.

4340 MGT Strategic Quality Management. (3-0-3) F. Fundamentals of the principles, philosophies, and tools of quality management. This course provides an overview of historical and current approaches including Deming's principles, the Malcolm Baldrige Award, Six Sigma, and ISO 9000 with emphasis on understanding statistical process control, control charts, and acceptance sampling. Prerequisites: BUS 3010, BUS 3950, and admission to the School of Business or permission of the Chair.

4370 MGT Compensation Management. (3-0-3) F. A comprehensive analysis of the compensation management processes and practices in organizations. Prerequisite: BUS 3010, MGT 3450, MGT 3900, and admission to the School of Business or permission of the Chair, School of Business.

4500 MGT Employee Staffing and Development. (3-0-3) S. A study of human resource management with an emphasis on staffing and development functions. Topics include workforce planning, recruitment, selection, training and development in human resource management. Prerequisites: MGT 3450 and MGT 3900 and admission to the School of Business or permission of the Chair.

4550 MGT Current Issues in Human Resources Management. (3-0-3) On Demand. A study of the current issues in Human Resource Management (HRM). Topics include current trends, issues and their applications in HRM. Prerequisite: MGT 3450 and admission to the School of Business or permission of the Associate Chair.

4600 MGT International Business Policy and Operation. (3-0-3) On Demand. Contemporary theories and practices in management of international business firms. Prerequisite: Junior standing, ECN 3860 or permission of the instructor, and admission to the School of Business or permission of the Associate Chair. WI

4650 MGT Management Seminar. (3-0-3) F, S. Capstone seminar in management focusing on current issues. Students will integrate key management approaches into a framework for analyzing issues in the current global business environment. Prerequisites: MGT 3450, MGT 3830, MGT 4310, and senior standing. Course is limited to senior management majors.

4700 MGT Special Topics in Management. (3-0-3) On Demand. A study of management techniques: What they are, how to use them, and the results that might be expected from their application. Prerequisite: BUS 3010, admission to the School of Business or permission of the Associate Chair. Specific additional prerequisites will depend on the topic.

4740 MGT Independent Study (Arr.-Arr.-1-3) Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Prerequisite: Admission to the School of Business, BUS 3010, senior standing, cumulative grade-point average of 3.0 or higher, consent of the supervising instructor and approval of a completed application by the Associate Chair, School of Business, prior to registration.

Courses Open to Juniors, Seniors, and Graduate Students

4800 MGT Management of Innovation and Technology. (3-0-3) On Demand. Study of the development, adoption and implementation of new technology in industry. The focus is on the integration of business and technology strategies. Cross-listed with INT 4800. Prerequisite: Senior standing and admission to the School of Business or permission of the Associate Chair.

4850 MGT Project Management. (3-0-3) F, S. An introduction to project management principles, methods, and tools used to plan, organize, and control projects. Students are required to use project management software. Prerequisites: BUS 3010, BUS 3500, BUS 3950, and admission to the School of Business or permission of the chair.

4950 MGT Management Consulting Research. (Arr.-Arr.-3) On Demand. Students in this course will be provided with the opportunity to perform consulting service for small business firms in east central Illinois. Prerequisite: Senior or graduate standing in the School of Business and admission to the School of Business or the permission of the Associate Chair.

MANAGEMENT INFORMATION SYSTEMS (Formerly Computer Information Systems)

Undergraduate Courses

2000 MIS Introduction to Information Systems & Logic. (3-0-3) F, S. An introduction to career paths, hardware and software fundamentals, and the tools and methods of formal logic mandatory to produce business application programs. Includes the application of Visual Basic (VB) to illustrate and extend the methodology being presented. Prerequisite: BUS 1950 or equivalent.

3200 MIS Networking Fundamentals. (3-0-3) F, S. Study of business telecommunications, teleprocessing, and computer networks. Installing, configuring and administering local area networks. Prerequisites: BUS 1950 and junior standing and admission to the School of Business or to a minor offered by the School of Business or permission of the Chair, School of Business.

3300 MIS Business Programming in COBOL. (3-0-3) S. Computer programming and reporting for file-oriented, computerized information systems utilizing the COBOL language. Additional topics include COBOL sorting routines, table handling features, structured coding techniques and sequential disk organization. Prerequisite: MIS 2000 or MAT 2170, junior standing, and admission to the School of Business or to a minor offered by the School of Business or permission of the Associate Chair.

3330 MIS Java Programming. (3-0-3) F. A study of object oriented programming using the Java language. Includes program structure, data types, operators, input/output statements, arrays and the Swing components of the graphical interface. Emphasizes the development of objects, including the concepts of polymorphism, encapsulation and inheritance. Prerequisites: MIS 2000 or MAT 2170 and admission to the School of Business or to a minor offered by the School of Business or permission of the Chair, School of Business. WI

3355 MIS MVS Control Languages and Utilities. (3-0-3) On Demand. A study of the MVS Job Control Language, including the creation of load module library, compilation to library and batch execution of load modules in complex job streams. Includes a discussion of two – library system for test and load modules. Emphasis on utilities for file backups, load modules implementation and file management. Prerequisite: MIS 3300 and admission to the School of Business or permission of the Associate Chair, School of Business.

3505 MIS Advanced Microcomputer Applications and Development. (3-0-3) On Demand. The advanced study of microcomputer business systems using databases and spreadsheets for problem solving and productivity. Customizing microcomputer operating environments. Emphasis on the development of

applications for end-user computing. Prerequisite: BUS 1950, junior standing, and admission to the School of Business or to a minor offered by the School of Business or permission of the Associate Chair.

3515 MIS Information Presentation. (3-0-3) On Demand. The study of design principles for business presentations and documents. Development of illustration skills to effectively use graphics. Photo editing for restoration, enhancement, and creation of digital images. Prerequisites: BUS 1950 and junior standing and admission to the School of Business or to a minor offered by the School of Business or permission of the Chair, School of Business.

3530 MIS Business Web Site Design. (3-0-3) F. Fundamentals of designing effective web sites including graphics and animation using web application software. Some HTML and JavaScript will be introduced. Students will develop web sites with a focus on information architecture and usability standards for business web sites. Prerequisites: BUS 1950 and junior standing and admission to the School of Business or to a minor offered by the School of Business or permission of the Chair, School of Business. WI

3725 MIS Telecommunications Programming with Visual Basic. (3-0-3) On Demand. Programming with Visual BASIC with emphasis on designing front-ends for use in a client-server LAN environment. Topics such as accessing databases with SQL and ActiveX controls, advanced Windows common controls, and developing dynamic HTML applications are included. Prerequisite: MIS 3000, MIS 3200, and admission to the School of Business or permission of the Associate Chair, School of Business.

3970 MIS Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4200 MIS Systems and Database Analysis, Design, and Development. (4-0-4) F, S. A study of the systems development life cycle and relational and object-oriented databases. Includes the use of CASE tools and client/server database software. Prerequisites: MIS 2000 and either BUS 3500 or ACC 3900 and admission to the School of Business or to a minor offered by the School of Business or permission of the Chair, School of Business.

4275 MIS Internship in Management Information Systems. (Arr.-Arr.-1-12) (Credit/No Credit) Monitored work or service experience requiring development and application of computer information systems knowledge and skills. Prerequisite: Admission to the School of Business, MIS 3000, and approval of Internship Learning Agreement by School of Business Associate Chair. Up to 12 hours of internship credit may be counted for graduation.

4300 MIS File Organization with COBOL. (3-0-3) F. A study of disk file structures, organization and file management methods. Advanced COBOL concepts are used in a file-processing environment. Emphasis on indexed file structures, and sequential, random, and dynamic access methods by both primary and alternate keys. Includes disk file organization, creation, storage, retrieval, maintenance and security, system integration testing, to include writing test plans, executing test cases and tracking defects. Prerequisite: MIS 3300, junior standing, or permission of chair.

4315 MIS Decision Support Systems for the Management Sciences. (3-0-3) On Demand. Design and development of decision support systems utilizing management science techniques, including simulation and linear, network, and integer programming. Emphasizes decision analysis with Excel solver and event driven programming, including retrieving data, analyzing alternate solutions, and producing reports. Prerequisite: MIS 3000 or MAT 2170 or CHM 3915 and admission to the School of Business or to a minor offered by the School of Business or permission of the Associate Chair.

4330 MIS Advanced Java Programming. (3-0-3) S. A study of the object paradigm with emphasis on graphics development, gaming theory and design, threads, database retrieval and update, applets, packages, and security in the java language. Prerequisites: MIS 3330 and admission to the School of Business or to a minor offered by the School of Business or permission of the Chair, School of Business.

4530 MIS Web Application Development (3-0-3) S. Development of web-based applications, including client-side and server-side scripting languages, database interfaces, XML, web services, and design concepts. Prerequisites: MIS 2000, 3530, and 4200.

4600 MIS Special Topics in Management Information Systems. (Arr.-Arr.-1-3) On Demand. Current research and practices in Computer Information Systems. Topics to be announced. May be repeated for different topics. Prerequisite: Admission to the School of Business or permission of the Associate Chair, School of Business. Specific prerequisites will depend on the topic.

4700 MIS Advanced Networking. (3-0-3) F. Internetworking concepts, advanced internetwork design, security, and administration. Enterprise network design, management and user administration. WAN data analysis and troubleshooting. Prerequisites: MIS 3200 and admission to the School of Business or to a minor offered by the School of Business or permission of the Chair, School of Business.

4740 MIS Independent Study. (Arr.-Arr.-1-3) Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Prerequisite: Admission to the School of Business, MIS 3000, senior standing, cumulative grade-point average of 3.0 or higher, consent of the supervising instructor and approval of a completed application by the associate chair, School of Business, prior to registration.

Course Open to Juniors, Seniors, and Graduate Students

4850 MIS Systems Security. (3-0-3) F. Study of theories, principles and techniques of systems security. The course covers basic security concepts, communications security, infrastructure security, cryptography, as well as operational and organizational security. Prerequisites: BUS 3500 or ACC 3900, and admission to the School of Business or to a minor offered by the School of Business or permission of the Chair, School of Business.

MARKETING

Undergraduate Courses

3490 MAR Business-to-Business Marketing. (3-0-3) F, S. Development of comprehensive programs of product, pricing, promotion, and distribution strategies for marketing to businesses and not-for profit organizations. Prerequisite: BUS 3470, and admission to School of Business or permission of the Associate Chair.

3550 MAR Marketing Professionalism and Management. (3-0-3) F, S. This course is an intermediate course that builds on knowledge from principles of marketing to prepare students to make operational decisions within the product, place, promotion and price areas. The course develops student ability to find and organize information used for decision-making. The course introduces the format of a comprehensive marketing strategy and prepares students for the advanced, integrative, Marketing Strategies course. Prerequisites: BUS 3470, admission to the School of Business or permission of Associate Chair. This course is restricted to marketing majors and is a required course for the major. WI

3720 MAR Consumer Behavior. (3-0-3) F, S. A study of how and why people obtain, consume, and dispose of products: the role of the consumer in marketing. Prerequisite: BUS 3470 and admission to the School of Business or to a minor offered by the School of Business or permission of the Associate Chair.

3780 MAR Promotion Management. (3-0-3) F, S. Development of comprehensive, non-personal, promotional campaigns to effectively communicate product offerings and organizational messages to target audiences. Prerequisites: BUS 3470 and admission to the School of Business or to the Advertising Minor or permission of the Associate Chair.

3860 MAR Marketing Research. (3-0-3) F, S. Nature and scope of marketing research; scientific method and research designs; specific marketing research procedures; research report and follow-up; and problems. Prerequisites: BUS 2810, BUS 3470, and admission to the School of Business or to the Advertising Minor or permission of the Associate Chair.

3875 MAR Retail Management. (3-0-3) On Demand. The objective of the course is to provide a framework for analyzing internal and external environment factors which affect the firm's retailing activities. Emphasis is placed on the firm's decisions and policies relating to demand analysis, spatial decisions, merchandise policies, pricing strategy, and promotion activities. Consideration is also given to retail control methods. Prerequisite: BUS 3470 and Admission to the School of Business or to a minor offered by the School of Business or permission of the Associate Chair.

3970 MAR Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4100 MAR Special Topics in Marketing. (3-0-3) On Demand. Special topics in marketing. Topics to be announced. Prerequisite: BUS 3470, admission to the School of Business or permission of the Associate Chair. Specific additional prerequisites will depend on the topic. WI

4275 MAR Internship in Marketing (Arr.-Arr.-1-12) (Credit/No Credit) Monitored work or service experience requiring development and application of marketing knowledge and skills. Prerequisite: Admission to the School of Business, BUS 3470, and approval of Internship Learning Agreement by School of Business Associate Chair. Up to 12 hours of internship credit may be counted for graduation.

4400 MAR Services Marketing. (3-0-3) On Demand. An in-depth exploration of the marketing of services highlighting the distinctions between marketing tangible products and services. Prerequisites: Completion of BUS 3470. Restriction: Admission to the School of Business or permission of the Chair of the School of Business. Course may not be repeated.

4470 MAR Professional Sales. (3-0-3) F, S. Students develop professional sales presentations through the application of both oral and written communication skills in the determination and satisfaction of buyers' needs.

Prerequisite: BUS 3470 and admission to the School of Business or permission of the Associate Chair.

4480 MAR Sales Management. (3-0-3) S. This course encompasses the study of the marketing management function of planning, organizing, directing, and evaluating the sales efforts, emphasizing effective structure, supervision, and evaluation of the outside sales force and the sales support organization. Prerequisite: MAR 4470 and admission to the School of Business or permission of the Associate Chair.

4490 MAR International Marketing. (3-0-3) F, S. An introduction to foreign trade with emphasis on international marketing institutions, cooperation, and technical features of overseas operations. Prerequisite: BUS 3470 and admission to the School of Business or permission of the Associate Chair. WI

4700 MAR Marketing Strategies. (3-0-3) F, S. A study of the analysis, planning, implementation and control of marketing activities which are designed to achieve consumer satisfaction and the objectives of the organization. Prerequisite: BUS 3470, MAR 3490, MAR 3550, MAR 3720, MAR 3860, MAR 4470, senior standing, and admission to the School of Business or permission of the Associate Chair.

4740 MAR Independent Study (Arr.-Arr.-1-3) Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Prerequisite: Admission to the School of Business, BUS3470, senior standing, cumulative grade-point average of 3.0 or higher, consent of the supervising instructor and approval of a completed application by the Associate Chair, School of Business, prior to registration.

MATHEMATICS & COMPUTER SCIENCE

In planning student programs it is important to check the course prerequisites including placement exam requirements as listed with the course descriptions below. "High school mathematics" as used here includes high school courses in algebra, geometry, and trigonometry and modern courses which integrate these subjects; it does not include "general mathematics," "consumer mathematics," "shop mathematics," etc.

When ACT scores are used for placement purposes, scores of 19 or less on the mathematics portion generally will result in placement in non-credit courses such as MAT 1020, 1070, or 1270. Incoming students should consider taking appropriate courses to strengthen their background the summer prior to enrollment.

A tutoring service is available in the Department of Mathematics and Computer Science throughout the year for students who may need assistance in undergraduate courses.

Courses in the Department of Mathematics and Computer Sciences are designed to serve the following purposes: (1) to contribute to the development of an informed citizenry; (2) to provide specific skills and knowledge of the discipline for those who plan to pursue careers in teaching mathematics or industry; (3) to provide the background for graduate study; and (4) to provide service for those disciplines outside mathematics. Except for 1441G proficiency credit will not be allowed for courses numbered below 2000.

Undergraduate Courses

1020 MAT Diagnostic Mathematics. (0-3-1) F, S. (Credit/No Credit) MAT 1020 is not a specific course but an opportunity for those students who are underprepared in the area of mathematics. This course is designed for elementary and middle level education majors and is to be taken simultaneously with MAT 1420. The purpose of this course is to strengthen the mathematical skills needed to successfully complete MAT 1420. Does not count toward graduation; does not count in cumulative GPA.

1070 MAT Diagnostic Mathematics. (0-3-1) F, S. (Credit/No Credit) MAT 1070 is not a specific course but an opportunity for those students who are under-prepared in the area of mathematics. This course is designed for students enrolled in MAT 1270 and is to be taken simultaneously with MAT 1270. The purpose of this course is to strengthen the mathematical skills needed to successfully complete the MAT 1270-1271 sequence. Does not count toward graduation; does not count in cumulative GPA.

1160G MAT Mathematics: A Human Endeavor. (3-0-3) Development of mathematical reasoning and problem solving, through concentrated study of three or four topics. Areas may include logic, sets, probability, statistics, graph theory, number theory, and/or geometry. Prerequisite: ENG 1001G; and satisfactory completion (C or better) of high school Geometry and Intermediate Algebra, or MAT 1271. This course should not be considered as preparatory for other courses in mathematics. **M1 904**

1170G MAT Problem Solving. (3-0-3) F, S. A writing-intensive course in which students are presented with challenging problems in mathematics and are required to develop their own problem solving strategies and tactics. Prerequisite: ENG 1001G; and satisfactory completion (C or better) of high

school Geometry and Algebra II, or MAT 1271. This course should not be considered as preparatory for other courses in mathematics. WI

1270 MAT Intermediate Algebra. (3-0-2) F, S. Equations, exponents, absolute value, inequalities, polynomials, factoring, real and complex numbers, synthetic division, radicals, quadratic equations. (Does not count in cumulative grade point average or for graduation) Prerequisite: Satisfactory placement by department guidelines.

1271 MAT College Algebra. (3-0-3) F, S. Linear and quadratic functions and inequalities; exponential, logarithmic, and inverse functions; applications to business; algebra of functions and matrices; row elimination; graphing. (Recommended as preparation for MAT 1400, 2110G, 2120G, 2190G, 2250G, and 2290G.) Prerequisite: Satisfactory placement by department guidelines.

1310 MAT College Trigonometry. (2-0-2) F. Basic concepts of right triangle trigonometry, its properties and applications. Not open to math majors or students who have completed or are enrolled in MAT 1330. Prerequisites: (Completion of or concurrent enrollment in MAT 1271 or MAT 1400) or (placement by department guidelines).

1330 MAT Analytical Trigonometry. (2-0-2) F, S. Analytical approach to trigonometry, its properties and applications. (Recommended as preparation for MAT 1441G.) Prerequisite: MAT 1271 or MAT 1400 or placement by department guidelines.

1340 MAT Analytic Geometry. (3-0-3) S. Coordinate systems, conic sections, polar and parametric forms. MAT 1310 or MAT 1330 or demonstrated competence in trigonometry.

1400 MAT Precalculus Mathematics. (3-0-3) F, S. Algebraic concepts and skills needed for calculus, including such topics as the binomial theorem, sequences and series, conics, polar coordinates, parametric equations, average rates of change, and extreme values of functions. (Recommended as preparation for MAT 1441G. However, this course will not cover trigonometry, and students are encouraged to take MAT 1330 to gain trigonometric skills required in MAT 1441G.) Prerequisite: C or better in MAT 1271 or placement by department guidelines.

1420 MAT Introductory Mathematics and Numeration. (3-0-3) F, S. The study of the concepts and theory of numeration, probability, and statistics as well as the development of the numeration system via a problem-solving approach using both calculators and microcomputers throughout. Open only to early childhood, elementary, middle level, or special education majors. Prerequisite: Placement by ACT Mathematics score.

1441G MAT Calculus and Analytic Geometry I. (5-0-5) F, S. Limits, continuity, and derivatives for functions of one variable, applications of the derivative, the definite integral, applications of the integral. Prerequisite: Placement by department guidelines, or C or better in both MAT 1330 and MAT 1400. **M1 900; EGR 901; MTH 901**

2110G MAT Brief Calculus with Applications. (3-0-3) F, S. Differentiation and integration of polynomial, rational, exponential, and logarithmic functions, with applications to business and social science. Prerequisite: MAT 1271 with a C or better, or satisfactory placement by department guidelines. **M1 900**

2120G MAT Finite Mathematics. (3-0-3) F, S. Elementary counting theory, probability, and linear programming, with applications to business and social science. Prerequisite: MAT 1271 with a C or better, or satisfactory placement by department guidelines. **M1 906**

2170 MAT Computer Science I. (3-2-4) F, S. The development of algorithmic solutions to numeric and non-numeric problems. Implementation in a block-structured programming language such as C++. Prerequisite: Credit for or concurrent enrollment in MAT 1441G or MAT 2110G.

2190G MAT Finite Mathematics, Honors. (3-0-3) On Demand. Elementary counting theory, probability, and linear programming, with applications to business and social science. Prerequisite: MAT 1271 with a C or better, or satisfactory placement by department guidelines, and admission to the University Honors College. **M1 906**

2250G MAT Elementary Statistics. (4-0-4) F, S. Descriptive and inferential statistics including measures of central tendency and dispersion, confidence intervals, and hypothesis testing. Recommended as a first course in statistics. Not open to mathematics majors. Prerequisite: MAT 1271; or satisfactory placement by department guidelines. **M1 902; M1 906**

2270 MAT Technology in Mathematics. (2-1-3) S. The focus of this course is how to use technology to investigate, model, simulate, and solve mathematical problems. Authentic and involved mathematical tasks and situations will be presented from a broad range of topics. Attention is given to the appropriate uses of technology and the potential drawbacks of technology in the secondary classroom. Laboratory experiences will include (but are not limited to) graphing

calculators, Computer Algebra Systems, statistical tools, and dynamic geometry software. Prerequisite: MAT 2170.

2290G MAT Elementary Statistics, Honors. (4-0-4) On Demand. Descriptive and inferential statistics, including measures of central tendency and dispersion, confidence intervals, and hypothesis testing. Recommended as a first course in statistics. Not open to mathematics majors. Prerequisite: MAT 1271 or satisfactory placement by department guidelines, and admission to the University Honors College. **M1 902**

2345 MAT Elements of Discrete Mathematics. (3-0-3) F. Survey of discrete structures and methods. Includes set theory, graph theory, recurrence relations, analysis of algorithms and Boolean algebras. Prerequisite: MAT 1441G or permission of the instructor. **M1 905; CS 915**

2420G MAT Introductory Geometry. (3-0-3) F, S. Geometric relationships using a problem solving approach and higher order thinking skills. Topics investigated from practical and theoretical viewpoints, emphasizing understanding via concrete modeling, as suitable for pre-service K-8 teachers. Open only to early childhood, elementary, middle level, or special education majors. Prerequisite: Satisfactory completion (C or better) of high school Geometry and Intermediate Algebra, and MAT 1420, with a C or better. **M1 903**

2442 MAT Calculus and Analytic Geometry II. (5-0-5) F, S. Transcendental functions, techniques of integration, further applications of the integral, parametric equations and polar coordinates, infinite sequences and series. Prerequisite: C or better in MAT 1441G. **M1 900; EGR 902; MTH 902**

2443 MAT Calculus and Analytic Geometry III. (4-0-4) F, S. Three-dimensional analytic geometry and vectors, differential calculus of multivariate functions, integral calculus of multivariate functions, line and surface integrals. Prerequisite: C or better in MAT 2442. **M1 900; EGR 903; MTH 903**

2550 MAT Introduction to Linear Algebra. (3-0-3) F, S. The study of linear algebra and its applications. Prerequisite: MAT 1441G.

2670 MAT Computer Science II. (2-2-3) S. Introduction to programming techniques and data structures: stacks, queues and lists; recursion; object oriented programming. Prerequisite: C or better in MAT 2170 or permission of the instructor. **CS 912**

2800 MAT Foundations of Mathematics. (3-0-3) F, S. An introduction to the foundations of mathematics. The course emphasizes the material needed as background for upper division mathematics and the tools necessary for mathematical thought. Prerequisite: C or better in MAT 2442.

3271 MAT College Geometry I. (3-0-3) F, S. The study of geometry including a review of elementary geometry. Euclidean and transformation geometries. Prerequisite: C or better in MAT 2800.

3272 MAT College Geometry II. (3-0-3) S. The study of selected topics in advanced Euclidean geometry, non-Euclidean, projective and inversion geometrics. Prerequisite: C or better in MAT 3271.

3400 MAT Teaching Secondary Mathematics. (3-2-4) F, S. Methods and materials for teaching mathematics in grades 7-12. Thirty clock hours in pre-student teaching are required. Prerequisite: (MAT 2270 and MAT 3271 and credit for or concurrent enrollment in MAT 3530) and (EDP 3331 and SED 3330 for regular teacher certification option) or (SED 3000 and 3100 for ISEP students).

3420 MAT Teaching Mathematics in Grades PreK-6. (2-2-2) F, S. The study of curriculum, methods, and materials for teaching mathematics in grades Pre-K through 6. Open only to early childhood, elementary, middle level, or special education majors. Prerequisite: MAT 1420 with a C or better, and MAT 2420G with a C or better.

3501 MAT Differential Equations I. (3-0-3) F, S. Formal solutions of ordinary differential equations: a critical analysis of some elementary types; envelopes, trajectories, Laplace transformations, applications. Prerequisite: C or better in MAT 2442. **EGR 904; MTH 912**

3502 MAT Differential Equations II. (3-0-3) S. Systems of differential equations, series solutions, approximations to solutions, Laplace transformations, partial differential equations, boundary value problems. Prerequisite: MAT 2443 and 3501.

3530 MAT Abstract Algebra. (4-0-4) F, S. An introduction to abstract algebra including: operations and relations, mappings, groups, rings, and fields. Prerequisite: MAT 2550 and C or better in MAT 2800.

3570 MAT Numerical Calculus. (3-0-3) S. Construction of algorithms for interpolation, quadrature, solution of ordinary and systems, solutions of ordinary differential equations. Prerequisite: MAT 2170 and MAT 2443 and MAT 2550.

3620 MAT Teaching Mathematics 6-9. (2-2-3) F, S. The study of methods and materials for teaching mathematics in grades six through nine. Restricted to students in the curriculum for elementary middle school, junior high, or special education teachers. Prerequisite: MAT 1271 or placement by ACT Mathematics score; and MAT 1420 and 2420G, all with a C or better.

3670 MAT Principles of Computer Systems. (2-2-3) F. Computer organization, data representation, instruction sets, syntax and semantics of assembly language programming, the assembly process, implementation of subroutines, I/O and interrupts. Prerequisite: MAT 2170 or CIS 3300.

3701 MAT Probability and Statistics I. (3-0-3) F, S. Basic concepts of probability and statistics. Prerequisite: MAT 2443.

3702 MAT Probability and Statistics II. (3-0-3) F, S. Basic concepts of probability and statistics. Prerequisite: C or better in MAT 3701.

3770 MAT Combinatorial Computing. (3-0-3) S. Enumeration and counting—generating functions and recurrence relations; graph theory—trees, circuits, outsets, transport networks; computational aspects of combinatorics. Prerequisite: MAT 2345 or permission of instructor.

3800 MAT Seminar in Mathematics. (2-0-2) S. Seminar in topics which are not covered under the usual course offerings of the Department of Mathematics. More than one section in more than one topic possible each semester. Prerequisite: Permission of instructor.

3870 MAT Data Structures. (3-0-3) F. Introduction to the design and analysis of data structures and their related algorithms; lists, stacks, queues, trees, heaps and graphs; sorting and searching. C++ or another object-oriented language will be used for any implementations. Prerequisites: MAT 2345 and MAT 2670 or permission of instructor.

4275 MAT Internship in Mathematics and Computer Science. (Arr.-Arr.-10 to 15; 1-5 during intersession provided there is concurrent registration in the summer term.) (Credit/No Credit) On Demand. Employment experience in computational mathematics for one semester, in an approved firm or agency. This course to be taken Credit/No Credit, but not to count against the maximum of 12 semester hours in Credit/No Credit option. Prerequisite: Credit applicable for graduation only in Mathematics and Computer Science major. Acceptance of the student by a firm on the basis of the student's application and permission of the chairperson of the Mathematics Department. Permission may be denied if the student does not have an overall GPA of at least 2.50 and a major grade-point average of at least 2.75.

4335 MAT Undergraduate Topics. (3-0-3) On Demand. Selected topics in advanced mathematics. Topics may vary depending on student and faculty interests. May be repeated for credit, with change of topic. Prerequisite: Permission of the instructor.

4444 MAT Independent Study, Honors. (Arr.-0, 1 to 3) On Demand. Consideration of a special area in mathematics of interest to the student, chosen with the approval of a faculty supervisor and the Departmental Honors Coordinator. Recommended as a first step toward undergraduate research (see Mathematics 4555), but by no means restricted to this purpose. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4490 MAT Independent Study. (Arr.-Arr.-1-3) On Demand. Intensive individual study on a topic by the student under the supervision of the instructor. May be repeated for a maximum of six semester hours. NOTE: A maximum of three semester hours credit may be applied to the major. Three additional hours may be applied towards graduation. Prerequisite: Permission of departmental chairperson and instructor.

4495 MAT Undergraduate Research Experience in Mathematics. (Arr.-Arr.-3) On Demand. An opportunity for a student to work one-on-one with a faculty member on a problem or topic of mutual interest, culminating in a substantial paper and an oral presentation. May be repeated for a maximum of 6 semester hours. Prerequisite: Senior standing and permission of faculty member and department chairperson. Limited to Mathematics majors and Mathematics and Computer Science majors.

4555 MAT Honors Research. (Arr.-0-1 to 3) On Demand. The student chooses and pursues an original research problem under the guidance of a faculty mentor and prepares a written report of the results. Expository topics of sufficient originality may be considered. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4644 MAT Honors Thesis. (Arr.-0-3) On Demand. Preparation of a written thesis on a topic in mathematics approved by a faculty advisor and the Departmental Honors Coordinator. Expository topics of sufficient originality may be considered. Involves intensive research and writing. Prior completion of at least one semester of Honors Research, MAT 4555, is recommended.

Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666 MAT Honors Seminar. (2 to 4-0-2 to 4) On Demand. Seminar on a selected area of mathematics. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

Courses Open to Juniors, Seniors, and Graduate Students

4750 MAT Linear Programming. (3-0-3) F. A study of linear inequalities, linear programming problems and the techniques for solving linear programming problems by the simplex method. Prerequisite: MAT 2442; and MAT 2550 or 4760.

4760 MAT Linear Algebra. (4-0-4) F. Vector spaces, linear transformations, dual spaces, invariant direct sum decompositions, Jordan form, inner product spaces. Prerequisite: MAT 2550 and 3530.

4780 MAT Mathematics of Interest. (3-0-3) S. Compound and simple interest, annuities, amortization and sinking funds, bonds, and other topics related to insurance. Prerequisite: MAT 2443 and 3701.

4800 MAT Diagnosis, Remediation and Technology in Teaching Mathematics, K-12. (1-2-2) Su. The study of diagnosis, prescription, and remediation and their applications in teaching mathematics K-12, as well as the applications of modern technological advances to the teaching of mathematics. Prerequisite: MAT 3400 or 3420 or 3620 or permission of the instructor.

4810 MAT Topics in Elementary and Middle Level Mathematics. (Arr.-Arr.-1-4) F, S. Topics from mathematics useful in the elementary, middle level, and/or junior high school such as: probability, history of mathematics, Logo, number theory, etc. This course may be repeated for credit. A maximum of nine semester hours credit may be counted toward a degree program. Prerequisite: High school Geometry and Algebra II, or MAT 1271 or placement by ACT Mathematics score; and MAT 1420 and 2420G, all with a C or better.

4830 MAT Introduction to Complex Analysis with Applications. (3-0-3) S. Introduction to complex numbers, analytic functions, linear fractional transformations, the Cauchy-Goursat theorem, residues and poles. Prerequisite: MAT 2443.

4850 MAT Operations Research. (3-0-3) S. Construction and use of mathematical models in industrial problem solving; linear programming, decision and game theory. PERT-CPM, inventory models, queuing theory, and simulation. Prerequisite: MAT 2550, 3702, and 4750.

4855 MAT Introduction to Topology. (3-0-3) S. Introduction to topological spaces, continuous functions, connectedness, compactness, countability, separation axioms, the Tychonoff theorem, and complete metric spaces. Prerequisite: MAT 3530 or permission of instructor.

4860 MAT Mathematical Analysis. (4-0-4) S. A study of limits, convergence of sequences and series, continuity, differentiation, and Riemann integration. Prerequisite: MAT 3530 and C or better in MAT 2443.

4880 MAT Design and Analysis of Algorithms. (3-0-3) S. Design paradigms of algorithms such as brute-force, exhaustive search, divide-and-conquer, backtracking, greedy approach and dynamic programming. Mathematical analysis of algorithms; P, NP, and NP-complete problems; heuristics, approximation algorithms, optimality. Prerequisite: MAT 3870 or permission of instructor.

4885 MAT Theory of Computation. (3-0-3) F. Proof techniques, finite automata, regular expressions and languages, properties of regular languages, context-free grammars and languages, pushdown automata, properties of context-free languages, Turing machines, and undecidability. Prerequisite: MAT 2670 and MAT 2345, or permission of instructor.

4900 MAT History of Mathematics. (3-0-3) F. The Ancient Orient. The period of Ancient Greece. The Hellenistic period. Seventeenth to nineteenth century A.D. The beginnings of modern Mathematics. Prerequisite: MAT 2800.

4910 MAT Number Theory. (3-0-3) Su. Divisibility, primes, congruences, solution of congruences, power residues, quadratic reciprocity, numerical functions, diophantine equations. Prerequisite: MAT 3530.

4920 MAT Algebra and Geometry for Middle Level Teachers. (3-0-3) F, S. The study of algebra and geometry as formal systems, finite geometries, constructions and the classic impossibilities, tessellations, polyhedra, transformational geometry, symmetry and similarity. Prerequisite: MAT 1271 or placement by ACT Mathematics score; and MAT 1420 and 2420G; all with a C or better. Not open to mathematics majors.

4970 MAT Principles of Operating Systems. (3-0-3) S. Historical development of operating systems, processes, and concurrency, memory

management, file systems, I/O. Case studies include UNIX, DOS, MVS. Prerequisite: MAT 3670 or permission of the instructor.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the Graduate Catalog.

MIDDLE LEVEL EDUCATION

Undergraduate Courses

2000 MLE The Teacher and the School. (2-1-2) F, S. Observation and data collection techniques, professional issues in teaching, characteristics of schools, curricular organizations, effective teachers, 13 clock hours of structured observation. Prerequisite: Concurrent enrollment with ELE 2320 is recommended, or permission of department chairperson.

3110 MLE Curriculum and Instruction in Middle-Level School (3-0-3) F, S. Definition and rationale for middle-level education, historical development, curriculum and organizational patterns, teacher's role in middle-level education, and planning for instruction. Prerequisites: MLE 2000 or ELE 2000; and ELE 2320. University Teacher Education requirements apply and department requirements for enrollment must be met, including an expectation of second semester Junior standing.

3150 MLE Interdisciplinary Teaching in the Middle-Level School. (3-0-3) F, S. Interdisciplinary organization and instruction appropriate for middle-level schools. Emphasis on interdisciplinary approaches and methods that facilitate integrated learning as well as appropriate assessment and evaluation techniques. Prerequisites: MLE 3110 or equivalent or permission of department chairperson. Concurrent enrollment with MLE 4280 and 4760 is desired. University Teacher Education requirements apply and department requirements for enrollment must be met.

3970 MLE Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4000 MLE Practicum in Middle School Curriculum and Instruction. (0-3-1) Supervised middle school clinical experiences with emphasis on curriculum and instruction. Must be taken twice. Minimum 45 clock hours each time. Prerequisites: Must be taken concurrently with one or combination of MLE 3110, 3150, 4280 and/or 4760; or with permission of department chair. University Teacher Education requirements apply and department requirements for enrollment must be met

4280 MLE Teaching Reading in the Middle/Secondary School. (3-0-3) S. Techniques for providing appropriate reading instruction in proper sequence for students in grades six through 12. Prerequisite: ELE 3280 for General and Middle School Options; or permission of department chair. Concurrent enrollment in MLE 3150 and 4760 is preferred. University Teacher Education requirements apply and department requirements for enrollment must be met.

4741 MLE Independent Study. (Arr.-Arr.-1-3) May be repeated for a total of six semester hour's credit. Prerequisite: Permission of the department chairperson.

Courses Open to Juniors, Seniors, and Graduate Students

4760 MLE Student Social-Emotional Development in the Middle Grades. (3-0-3) F, S. Instruction and planning in exploratory and teacher-based advisor-advisee programs. Prerequisite: MLE 3110 or equivalent or permission of department chairperson. Concurrent enrollment with MLE 3150 and 4280 desired. University Teacher Education requirements apply and department requirements for enrollment must be met.

4781 MLE Topics in Junior High/Middle School Education. (Arr.-Arr.-[1-3]) On Demand. Current research and practices in junior high school/middle school education, (e.g., organization of school advisory programs, utilization of technology, staff development, legal/ethical concerns, curriculum issues, etc.). Prerequisite: MLE 2000 or ELE 2000; ELE 2320; MLE 3110; or permission of department chairperson.

MILITARY SCIENCE

Undergraduate Courses

1001 MSC Introduction to Military Science. (1-1-1) F, S. Make your first new peer group at college one committed to performing well and enjoying the experience. Increase self-confidence through team study and activities in basic drill; physical fitness; rappelling; leadership reaction course; first aid; basic marksmanship; Army rank structure; stress management; and nutrition. Learn fundamental concepts of leadership in a profession in both classroom and outdoor laboratory environments. PED 1000 and a weekend exercise are highly encouraged and required for ROTC Scholarship students.

1002 MSC Introduction to Leadership. (1-1-1) F, S. Learn/apply principles of effective leadership. Reinforce self-confidence through participation in

physically and mentally challenging exercises with upper division ROTC students. Develop communication skills to improve individual performance and group interaction. Relate organizational ethical values to the effectiveness of a leader. PED 1000 and a weekend exercise are encouraged for all and mandatory for students with ROTC scholarships. Prerequisite: MSC 1001 or permission of the Department Chair.

2001 (2100) MSC Foundations of Leadership I. (2-1-2) F, S. Learn/apply ethics-based leadership skills that develop individual abilities and contribute to the building of effective teams of people. Develop skills in oral presentations, writing concisely, planning of events, coordination of group efforts, ethical decision making, land navigation, and basic military tactics. Learn fundamentals of ROTC's Leadership Development Program. PED 1000 and a weekend exercise are highly encouraged and required for ROTC Scholarship students. Prerequisite: MSC 1002 or permission of the Department Chair.

2002 (2200) MSC Foundations of Leadership II. (2-1-2) F, S. Introduction to individual and team aspects of military tactics in small unit operations. Includes fundamentals of officership, making safety assessments, movement techniques, planning for team safety/security, and methods of pre-execution checks. Practical exercises with upper division ROTC students. Learn techniques for training others as an aspect of continued leadership development. PED 1000 and a weekend exercise are encouraged for all and required for students with ROTC Scholarships. Prerequisite: MSC 2001 or permission of the Department Chair.

2003 MSC Leader's Training Course. (Arr.-Arr.-1 to 6) Su. A five-week summer camp conducted at an Army post. The student receives pay. Travel, lodging, and meal costs are defrayed by the Army. The environment is rigorous, and the training is demanding. No military obligation incurred. Open only to students who have not taken all four of MSC 1001, 1002, 2001, and 2002, and who pass a physical examination (paid for by ROTC). Completion of MSC 2003 qualifies a student for entry into the Advanced Course. Several different cycles are offered during the summer, but spaces are limited by the Army. Students should apply early in the spring semester to ensure a space that best fits their schedule. Prerequisite: Completed application and permission of the Departmental Chair.

3001 MSC Tactical Leadership. (2-2-3) F. Series of practical opportunities to lead small groups, receive personal assessments and encouragement, and lead again in situations of increasing complexity. Uses small unit defensive tactics and opportunities to plan and conduct training for lower division students both to develop such skills and as vehicles for practicing leadership. Participation in four one-hour sessions of physical fitness training per week and one weekend field training exercise required. Prerequisite: MSC 2003, or MCS 2002, or prior military service, or permission of the Department Chair.

3002 MSC Applied Leadership. (3-2-4) S. Continues methodology of MSC 3001. Analyze tasks; prepare written and oral guidance for team members to accomplish tasks. Delegate tasks and supervise. Plan for and adapt to the unexpected in organizations under stress. Examine and apply lessons from leadership case studies. Examine importance of ethical decision making in setting a positive climate that enhances team performance. Four one-hour physical fitness training sessions per week and one weekend field training exercise required. Prerequisite: MSC 3001 or permission of the Department Chair.

3003 MSC ROTC Advanced Camp. (Arr.-Arr.-6) Su. A five-week camp conducted at an Army post. Open only to and required of students who have contracted and completed MSC 3001 and 3002. The student receives pay. Travel, lodging, and meal costs are defrayed by the Army. The Advanced Camp environment is highly structured and demanding, stressing leadership at small unit levels under varying, challenging conditions. Individual leadership and basic skills performance are evaluated throughout the camp. Prerequisite: MSC 3002 and permission of Department Chair.

4001 MSC Developmental Leadership. (2-2-3) F. Study and application of basic administrative and logistical systems. Study and application of military correspondence and briefing techniques. Introduction to the fundamental concepts of military justice. Study of basic principles and procedures of courts-martial and non-judicial punishment. Three one-hour physical fitness training sessions per week and one weekend field training exercise required. Prerequisite: MSC 3003 or permission of the Department Chair.

4002 MSC Adaptive Leadership (2-2-3) S. Continues the methodology from MSC 4001. Identify and resolve ethical dilemmas. Refine counseling and motivating techniques. Examine aspects of tradition and law as related to leading as an officer in the Army. Prepare for a future as a successful army lieutenant. Three one-hour physical fitness training sessions per week and one weekend field training exercise required. Prerequisite: MSC 4001 or permission of the Department Chair.

4100 MSC Trends and Issues of Commissioned Service. (1-0-1) F, S. Consideration of needs in making the transition from ROTC cadet to Second Lieutenant. Methods and techniques the newly commissioned officer will require to conduct daily operations in a troop-leading environment. This course

will familiarize the senior cadets with the responsibilities and requirements of a Second Lieutenant. Prerequisite: MSC 3002 or permission of the Department Chair.

4400 MSC Independent Study in Military Science. (Arr.-Arr.-1-3) Intensive individual study on a topic selected by the student and approved by the department chair. (No MSC student may earn more than four semester hours credit.) Prerequisite: MSC 4002 or permission of the Department Chair.

MUSIC

Introductory Applied Study.

0010 MUS Voice (Arr.-Arr.-1) F, S. Introductory study in music performance on a one-to-one basis with a studio instructor. Recommended for majors studying a secondary applied instrument or voice. Open to all university students. May be repeated for credit. Prerequisite: All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. **MUS 909**

0020 MUS Flute (Arr.-Arr.-1) F, S. Introductory study in music performance on a one-to-one basis with a studio instructor. Recommended for majors studying a secondary applied instrument or voice. Open to all university students. May be repeated for credit. Prerequisite: All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. **MUS 909**

0021 MUS Oboe. (Arr.-Arr.-1) F, S. Introductory study in music performance on a one-to-one basis with a studio instructor. Recommended for majors studying a secondary applied instrument or voice. Open to all university students. May be repeated for credit. Prerequisite: All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor.

0022 MUS Clarinet. (Arr.-Arr.-1) F, S. Introductory study in music performance on a one-to-one basis with a studio instructor. Recommended for majors studying a secondary applied instrument or voice. Open to all university students. May be repeated for credit. Prerequisite: All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. **MUS 909**

0023 MUS Bassoon. (Arr.-Arr.-1) F, S. Introductory study in music performance on a one-to-one basis with a studio instructor. Recommended for majors studying a secondary applied instrument or voice. Open to all university students. May be repeated for credit. Prerequisite: All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. **MUS 909**

0024 MUS Saxophone. (Arr.-Arr.-1) F, S. Introductory study in music performance on a one-to-one basis with a studio instructor. Recommended for majors studying a secondary applied instrument or voice. Open to all university students. May be repeated for credit. Prerequisite: All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. **MUS 909**

0030 MUS Trumpet. (Arr.-Arr.-1) F, S. Introductory study in music performance on a one-to-one basis with a studio instructor. Recommended for majors studying a secondary applied instrument or voice. Open to all university students. May be repeated for credit. Prerequisite: All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. **MUS 909**

0031 MUS Horn. (Arr.-Arr.-1) F, S. Introductory study in music performance on a one-to-one basis with a studio instructor. Recommended for majors studying a secondary applied instrument or voice. Open to all university students. May be repeated for credit. Prerequisite: All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. **MUS 909**

0032 MUS Trombone. (Arr.-Arr.-1) F, S. Introductory study in music performance on a one-to-one basis with a studio instructor. Recommended for majors studying a secondary applied instrument or voice. Open to all university students. May be repeated for credit. Prerequisite: All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. **MUS 909**

0033 MUS Baritone. (Arr.-Arr.-1) F, S. Introductory study in music performance on a one-to-one basis with a studio instructor. Recommended for majors studying a secondary applied instrument or voice. Open to all university students. May be repeated for credit. Prerequisite: All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. **MUS 909**

0034 MUS Tuba. (Arr.-Arr.-1) F, S. Introductory study in music performance on a one-to-one basis with a studio instructor. Recommended for majors studying a secondary applied instrument or voice. Open to all university

students. May be repeated for credit. Prerequisite: All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. **MUS 909**

0040 MUS Percussion. (Arr.-Arr.-1) F, S. Introductory study in music performance on a one-to-one basis with a studio instructor. Recommended for majors studying a secondary applied instrument or voice. Open to all university students. May be repeated for credit. Prerequisite: All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. **MUS 909**

0050 MUS Violin. (Arr.-Arr.-1) F, S. Introductory study in music performance on a one-to-one basis with a studio instructor. Recommended for majors studying a secondary applied instrument or voice. Open to all university students. May be repeated for credit. Prerequisite: All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. **MUS 909**

0051 MUS Viola. (Arr.-Arr.-1) F, S. Introductory study in music performance on a one-to-one basis with a studio instructor. Recommended for majors studying a secondary applied instrument or voice. Open to all university students. May be repeated for credit. Prerequisite: All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. **MUS 909**

0052 MUS Violoncello. (Arr.-Arr.-1) F, S. Introductory study in music performance on a one-to-one basis with a studio instructor. Recommended for majors studying a secondary applied instrument or voice. Open to all university students. May be repeated for credit. Prerequisite: All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. **MUS 909**

0053 MUS Double Bass. (Arr.-Arr.-1) F, S. Introductory study in music performance on a one-to-one basis with a studio instructor. Recommended for majors studying a secondary applied instrument or voice. Open to all university students. May be repeated for credit. Prerequisite: All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. **MUS 909**

0060 MUS Piano. (Arr.-Arr.-1) F, S. Introductory study in music performance on a one-to-one basis with a studio instructor. Recommended for majors studying a secondary applied instrument or voice. Open to all university students. May be repeated for credit. Prerequisite: All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. **MUS 909**

0061 MUS Organ. (Arr.-Arr.-1) F, S. Introductory study in music performance on a one-to-one basis with a studio instructor. Recommended for majors studying a secondary applied instrument or voice. Open to all university students. May be repeated for credit. Prerequisite: All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. **MUS 909**

0063 MUS Jazz (Arr.-Arr.-1) F, S. Introductory study in music performance on a one-to-one basis with a studio instructor. Recommended for majors studying a secondary applied instrument or voice. Open to all university students. May be repeated for credit. Prerequisite: All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. **MUS 909**

Music Ensembles

Membership in music ensembles is open to all university students, including music majors, minors, and non-majors. Selection can be made on the basis of auditions, which are posted in the Department office prior to each semester. Instruments and lockers are available without charge for students wishing to participate in instrumental ensembles. The various ensembles, with the exception of the Oratorio Chorus (comprised of the Concert Choir, Mixed Chorus, and other vocalists for the study and performance of cantatas, oratorios, Masses, and other major choral works) and Pep Band (contact the Band Office for participation), are listed with their specific course description below. Music majors and minors may count up to six semester hours of ensemble toward graduation; non-music majors may count four semester hours toward graduation.

0200 MUS Symphonic Wind Ensemble. (0-4-1) F, S. A select ensemble designed for in-depth study of major literature for winds and percussion. Open to all students who qualify through audition. **MUS 908**

0201 MUS Concert Band. (0-4-1) S. A performance ensemble designed for in-depth study, preparation, and performance of all types of standard band literature. Open to all university students. **MUS 908**

0202 MUS Panther Marching Band. (0-6-1) F. The Panther Marching Band performs contemporary musical arrangements and drill designs during the football season for all home games, and takes off-campus tours each season.

0204 MUS Chamber Music, Winds. (Arr.-Arr.-1) F, S. The study and performance of chamber music involving wind instruments. Prerequisite: Permission of instructor.

0205 MUS Flute Choir. (0-2-1) F, S. Choir performs transcribed and original works on and off campus throughout the semester. Open to any flutist. Prerequisite: Permission of instructor.

0206 MUS Clarinet Choir. (Arr.-Arr.-1) The study and performance of ensemble literature for the clarinet family. Open to any student in the university having played any member of the clarinet family as a high school student. Placement is by audition. Rehearsals are limited to two hours weekly.

0207 MUS Saxophone Quartet. (Arr.-Arr.-1) A performance-oriented course in which the student participates in the study of the saxophone in a chamber ensemble setting. Emphasis will be placed on performing, studying, and analyzing the standard repertoire. Open to all students who demonstrate competence in saxophone performance.

0210 MUS Orchestra, Strings. (0-4-1) F, S. This course is for string players to have sectional rehearsals as well as full orchestra experience. **MUS 908**

0211 MUS Orchestra, Winds. (0-4-1) F, S. This section is for winds and percussion players to have sectional rehearsals as well as full orchestra experience. Music majors may count up to six semester hours toward. **MUS 908**

0215 MUS Chamber Music, Strings. (Arr.-Arr.-1) F, S. The study and performance of chamber music involving string instruments. Prerequisite: Permission of instructor.

0220 MUS Jazz Ensemble. (0-4-1) F, S. This ensemble offers students the opportunity to play the finest in jazz band music. The jazz ensemble rehearses four days each week. Various programs including tours and festivals are performed each year. **MUS 908**

0221 MUS Ensemble, Jazz Lab Band. (0-2-1) F, S. An ensemble which offers students the opportunity to play the finest in jazz band music. The Jazz Lab Band rehearses two evenings each week. Various programs including tours and festivals are performed each year.

0222 MUS Jazz Combo. (Arr.-Arr.-1) Jazz Combos of four to six musicians perform and study the standard repertoire of the jazz idiom and develop improvisational skills. Upperclass students see MUS 3622.

0224 MUS Jazz Seminar. (Arr.-Arr.-0) F, S. Jazz topics will be presented, with live performances by students and professional players with critique and group discussion. Prerequisite: Participation in an EIU jazz ensemble.

0230 MUS Concert Choir. (0-3-1) F, S. An auditioned, select choir of 45 voices that performs a wide variety of short and medium-length choral compositions by significant composers. **MUS 908**

0231 MUS University Mixed Chorus. (0-4-1) F, S. An ensemble of mixed voices that studies and performs choral literature of various styles. Open to all university students interested in singing. **MUS 908**

0233 MUS Chamber Singers. (0-2-1) A select choral ensemble that performs madrigals and other choral literature appropriate for a chamber choir. Prerequisite: Audition or permission of the instructor.

0240 MUS Percussion Ensemble. (0-3-1) F, S. The study and performance of percussion literature from 1930 to the present. Open to percussion majors only. Prerequisite: Permission of the instructor.

0242 MUS Latin Percussion Ensemble. (0-5-1) F, S. The study of techniques and performance of Latin and Pop music on Latin American instruments. Prerequisite: Permission of the instructor.

0260 MUS Keyboard Chamber Music. (Arr.-Arr.-1) The study and performance of ensemble literature that involves at least one keyboard instrument and performer.

0541 MUS Music Theory Rudiments. (0-0-0) F, S. (On-line) Development of fundamental musical knowledge, including the notation of pitch and rhythm, major and minor scales and key signatures, intervals, triads and seventh chords, and musical terms. Preparation for placement in Music Theory I.

1070 MUS Introduction to Music Technology. (2-0-2) S. An overview of computers, peripherals, and software, and how they can be used effectively in a musical environment. Prerequisites: MUS 1541.

1103 MUS Recital. (1-0-0) F, S. Experiencing music through live performances.

Intermediate Applied Study.

1110 MUS Voice. (Arr.-Arr.-1, -2, or -4) F, S. Intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated for credit. Prerequisite: All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills.

1120 MUS Flute. (Arr.-Arr.-1, -2, or -4) F, S. Intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated for credit. Prerequisite: All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills.

1121 MUS Oboe. (Arr.-Arr.-1, -2, or -4) F, S. Intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated for credit. Prerequisite: All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills.

1122 MUS Clarinet. (Arr.-Arr.-1, -2, or -4) F, S. Intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated for credit. Prerequisite: All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills.

1123 MUS Bassoon. (Arr.-Arr.-1, -2, or -4) F, S. Intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated for credit. Prerequisite: All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills.

1124 MUS Saxophone. (Arr.-Arr.-1, -2, or -4) F, S. Intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated for credit. Prerequisite: All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills.

1130 MUS Trumpet. (Arr.-Arr.-1, -2, or -4) F, S. Intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated for credit. Prerequisite: All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills.

1131 MUS Horn. (Arr.-Arr.-1, -2, or -4) F, S. Intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated for credit. Prerequisite: All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills.

1132 MUS Trombone. (Arr.-Arr.-1, -2, or -4) F, S. Intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated for credit. Prerequisite: All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills.

1133 MUS Baritone. (Arr.-Arr.-1, -2, or -4) F, S. Intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated for credit. Prerequisite: All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills.

1134 MUS Tuba. (Arr.-Arr.-1, -2, or -4) F, S. Intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated for credit. Prerequisite: All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills.

1136 MUS Class Instruction in Voice. (0-2-1) F, S. Beginning vocal instruction for students who have had little or no previous vocal study. May be repeated once for credit. No audition required.

1140 MUS Percussion. (Arr.-Arr.-1, -2, or -4) F, S. Intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated for credit. Prerequisite: All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills.

1150 MUS Violin. (Arr.-Arr.-1, -2, or -4) F, S. Intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated for credit. Prerequisite: All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills.

1151 MUS Viola. (Arr.-Arr.-1, -2, or -4) F, S. Intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated for credit. Prerequisite: All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills.

1152 MUS Violoncello. (Arr.-Arr.-1, -2, or -4) F, S. Intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated for credit. Prerequisite: All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills.

1153 MUS Double Bass. (Arr.-Arr.-1, -2, or -4) F, S. Intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated for credit. Prerequisite: All students who wish to enroll in Intermediate

Applied Study must audition and demonstrate intermediate-level music reading skills.

1160 MUS Piano (Arr.-Arr.-1, -2, or -4) F, S. Intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated for credit. Prerequisite: All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills.

1161 MUS Organ. (Arr.-Arr.-1, -2, or -4) F, S. Intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated for credit. Prerequisite: All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills.

1163 MUS Jazz. (Arr.-Arr.-1, -2, or -4) F, S. Intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated for credit. Prerequisite: All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills.

1308 MUS Class Instruction in Woodwinds. (3-0-1) F, S. A study of beginning instrumental technique and pedagogy on woodwind instruments. Two hours clinical experience required. For Music Education majors only. May be repeated once for credit.

1309 MUS Class Instruction in Brass. (3-0-1) F, S. A study of beginning instrumental technique and pedagogy on brass instruments. Two hours clinical experience required. For Music Education majors only. May be repeated once for credit.

1310 MUS Class Instruction in Strings. (1-2-1) F. A study of beginning instrumental technique and pedagogy on string instruments. Two hours clinical experience required. For Music Education majors only.

1311 MUS Class Instruction in Percussion. (1-2-1) S. A study of beginning instrumental technique and pedagogy on percussion instruments. Two hours clinical experience required. For Music Education majors only.

1530 MUS Jazz Improvisation I. (0-2-1) S. An introduction to the basic skills of the jazz player. The course includes the study of jazz nomenclature, scales and standard jazz repertoire. Numerous jazz artists and their solos are discussed and analyzed. Prerequisite: MUS 1541, 1543 or competence. Open to all students. Required of all students in the Jazz Studies Option.

1541 MUS Music Theory I. (2-1-3) A study of basic music theory concepts including notation of pitch, rhythm and meter, scales, keys and key signatures, intervals, triads and seventh chords. At least one class period per week will be devoted to functional keyboard skills.

1542 MUS Music Theory II. (2-1-3) A study of the musical materials and structural principles of the common practice period including tonality, diatonic harmony, and part writing. At least one class period per week will be devoted to functional keyboard skills. Prerequisite: MUS 1541.

1543 MUS Aural Training in Music. (0-2-1) F, S. The study of notational practice and the development of aural perception through sight singing and dictation. **MUS 901**

1544 MUS Aural Training in Music. (0-2-1) F, S. The study of notational practice and the development of aural perception through sight singing and dictation. Prerequisite: Music 1543. **MUS 902**

1570 MUS Composition. (Arr.-Arr.-1, -2, or -4) F, S. Study in music composition on a one-to-one basis with an instructor. May be repeated for credit. Prerequisite: All students must demonstrate an aptitude for composing music and may be asked to provide examples of original compositions. **MUS 909**

2070 MUS Electronic Music Studio Techniques. (2-Arr.-2) S. Principles and use of music synthesizers, MIDI, sequencers, and recording techniques in the production and shaping of electronic sound.

2100 MUS Non-Degree Recital. (Arr.-Arr.-0) Demonstrating musical abilities through live performance. The recital length will vary.

2101 MUS Sophomore Recital: Performance Option. (Arr.-Arr.-0) Demonstrating musical abilities through live performance. The recital will be 15 minutes long.

2141 MUS Vocal Diction I. (1-1-1) F. The study of vocal diction of English and Italian song literature. Prerequisite: Two semesters of Applied Voice or equivalent.

2142 MUS Vocal Diction II. (1-1-1) S. The study of vocal diction of German and French song literature. Prerequisite: MUS 2141.

2155 MUS Conducting I. (3-0-2) F. A course designed to teach the language and gestures of effective conducting from both vocal and instrumental perspectives. The class serves as a laboratory chorus and an instrumental ensemble. For Music Majors and Music Minors only. Prerequisite: Completion of MUS 1541 and MUS 1542 with a "C" or better.

2203 MUS Functional Skills in Piano. (0-2-1) F, S. A course for music majors and minors. Prerequisite: MUS 1541, 1542, or placement by audition during enrollment.

2204 MUS Functional Skills in Piano. (0-2-1) F, S. A course for music majors and minors. Prerequisite: MUS 2203 or placement by audition during enrollment.

2205 MUS Keyboard Skills I. (0-2-1) F. A course for keyboard majors or other qualified students to develop functional skills in harmonization, sight-reading, improvisation, and transposition. Prerequisite: MUS 1542 or permission of the instructor.

2206 MUS Keyboard Skills II. (0-2-1) S. Continuation of MUS 2205. Prerequisite: MUS 2205 or permission of the instructor.

2440 MUS Introduction to Music Education. (2-1-1) An introduction to the expectation of the modern-day public school music teacher, including the role of the teacher, curricular and legal expectations of teaching, historical and philosophical underpinnings of public school music teaching. Twenty clock hours of observation in all kinds of music learning situations at all grade levels are required. For music education majors and minors. **WI**

2441 MUS Introduction to Elementary General Music Methods. (2-0-1) F, S. Exploration of General Music teaching methods, P-8. Includes experiences in Generative Method, Orff, Kodaly and Comprehensive Musicianship. For Music Education Majors only. Prerequisite: Completion of MUS 2440 with a "C" or better.

2442 MUS Introduction to Instrumental Music Methods. (2-0-2) F, S. Exploration of beginning Instrumental Music teaching methods, 4-8. Includes rudimentary brass, woodwind, string and percussion methods, as well as organizational and curricular considerations. Vocal/Gen Mus Ed majors only. Prerequisite: Completion of MUS 2440 with a "C" or better.

2530 MUS Jazz Improvisation II. (0-2-1) F. The detailed study and performance of two types of jazz vehicles: standard and bebop tunes. Emphasis is placed on daily improvisation in class and solo transcription. Significant literature is discussed and analyzed. Prerequisite: MUS 1530 or competence. Required of all students in the jazz studies option.

2541 MUS Music Theory III. (3-0-3) F. A study of the musical materials and structural principles of the common practice period including tonicization, modulation, and chromatic harmony. Prerequisite: MUS 1542. **MUS 903**

2542 MUS Music Theory IV. (3-0-3) S. A study of the musical materials and structural principles of 20th century music including extended- and non-tertian harmony, neotonality, serial and non-serial atonality. Prerequisite: MUS 2541. **MUS 904**

2543 MUS Aural Training in Music. (0-2-1) F, S. A continuation of the study of notational practice and the development of aural perception. Prerequisite: MUS 1544. **MUS 903**

2544 MUS Aural Training in Music. (0-2-1) A continuation of the study of notational practice and the development of aural perception through sight singing, dictation and rhythmic performance. Prerequisite: MUS 2543.

2555G MUS Interacting with Music. (3-0-3) F, S. Understanding music for the general student – listening, responding, and creating music in its cultural context. Prerequisite: Open to Music majors for elective credit only. **F1 900**

2557G MUS The Evolution of Jazz and Rock. (3-0-3) F, S. Music appreciation for the general student – listening and responding to music in its cultural context. Significant contributors to the development of Jazz and Rock are presented and landmark recordings are heard and discussed. Open to Music majors for elective credit only.

2581 MUS Jazz History. (2-0-2) On Demand. A survey of the developmental periods of American jazz and the personalities significant to each period. Music from each period is listened to and analyzed. Prerequisite: MUS 1530, 1541, 1542, 1543, 1544 or permission of instructor. Open to music majors and minors only. Required for jazz studies option majors. **WI**

3100 MUS Junior Recital: Teacher Certification Option. Demonstrating musical abilities through live performance. The recital will be 15 minutes long.

3101 MUS Junior Recital: Performance Option. (Arr.-Arr.-0) Demonstrating musical abilities through live performance or a composition project. The recital will be 25 minutes long.

3102 MUS Junior Recital, Performance Option/Jazz Studies Concentration. (Arr.-Arr.-0) Demonstrating musical abilities through live performance or a composition project. The recital will be 50 minutes long.

3120 MUS Music Theatre/Opera Workshop. (0-4-1 or 2) F, S. The study and performance of music theatre and opera. Students produce major productions with orchestra, smaller productions with piano, touring productions and in-class scene productions to develop music theatre and opera skills. May be taken four times for credit. Prerequisite: Permission of the instructor.

3155 MUS Choral Conducting and Literature. (2-0-1) S. Focuses on the cognitive learning, skills, and motivation necessary to conduct and provide leadership for choral ensembles. Emphasis on significant choral repertoire, knowledge of conducting styles performance practice, and rehearsal techniques. The class serves as a laboratory chorus and instrumental ensemble. Prerequisite: MUS 2155 or its equivalent.

3156 MUS Instrumental Conducting and Literature. (2-0-1) S. Focuses on the cognitive learning, skills, and motivation necessary to conduct and provide leadership for musical ensembles. Emphasis on significant band repertoire, conducting, and rehearsal techniques. Prerequisite: MUS 2155 or its equivalent. Completion of MUS 1301, 1304, 1308, 1309 encouraged.

Advanced Applied Study.

3310 MUS Voice. (Arr.-Arr.-1, -2, or -4) F, S. Advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated for credit. Prerequisite: MUS 1110-1163. Achievement of Junior Standing. **MUS 909**

3320 MUS Flute. (Arr.-Arr.-1, -2, or -4) F, S. Advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated for credit. Prerequisite: MUS 1110-1163. Achievement of Junior Standing. **MUS 909**

3321 MUS Oboe. (Arr.-Arr.-1, -2, or -4) F, S. Advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated for credit. Prerequisite: MUS 1110-1163. Achievement of Junior Standing. **MUS 909**

3322 MUS Clarinet. (Arr.-Arr.-1, -2, or -4) F, S. Advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated for credit. Prerequisite: MUS 1110-1163. Achievement of Junior Standing. **MUS 909**

3323 MUS Bassoon. (Arr.-Arr.-1, -2, or -4) F, S. Advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated for credit. Prerequisite: MUS 1110-1163. Achievement of Junior Standing. **MUS 909**

3324 MUS Saxophone. (Arr.-Arr.-1, -2, or -4) F, S. Advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated for credit. Prerequisite: MUS 1110-1163. Achievement of Junior Standing. **MUS 909**

3330 MUS Trumpet. (Arr.-Arr.-1, -2, or -4) F, S. Advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated for credit. Prerequisite: MUS 1110-1163. Achievement of Junior Standing. **MUS 909**

3331 MUS Horn. (Arr.-Arr.-1, -2, or -4) F, S. Advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated for credit. Prerequisite: MUS 1110-1163. Achievement of Junior Standing. **MUS 909**

3332 MUS Trombone. (Arr.-Arr.-1, 2 or 4) F, S. Advanced study in music performance on a one-to-one basis with studio instructor. Open to music majors only. May be repeated for credit. Prerequisites: MUS 1110-1163. Achievement of Junior Standing. **MUS 909**

3333 MUS Baritone. (Arr.-Arr.-1, -2, or -4) F, S. Advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated for credit. Prerequisite: MUS 1110-1163. Achievement of Junior Standing. **MUS 909**

3334 MUS Tuba. (Arr.-Arr.-1, -2, or -4) F, S. Advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated for credit. Prerequisite: MUS 1110-1163. Achievement of Junior Standing. **MUS 909**

3340 MUS Percussion. (Arr.-Arr.-1, -2, or -4) F, S. Advanced study in music performance on a one-to-one basis with a studio instructor. Open to music

majors only. May be repeated for credit. Prerequisite: MUS 1110-1163. Achievement of Junior Standing. **MUS 909**

3350 MUS Violin. (Arr.-Arr.-1, -2, or -4) F, S. Advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated for credit. Prerequisite: MUS 1110-1163. Achievement of Junior Standing. **MUS 909**

3351 MUS Viola. (Arr.-Arr.-1, -2, or -4) F, S. Advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated for credit. Prerequisite: MUS 1110-1163. Achievement of Junior Standing. **MUS 909**

3352 MUS Violoncello. (Arr.-Arr.-1, -2, or -4) F, S. Advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated for credit. Prerequisite: MUS 1110-1163. Achievement of Junior Standing. **MUS 909**

3353 MUS Double Bass. (Arr.-Arr.-1, -2, or -4) F, S. Advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated for credit. Prerequisite: MUS 1110-1163. Achievement of Junior Standing. **MUS 909**

3360 MUS Piano. (Arr.-Arr.-1, -2, or -4) F, S. Advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated for credit. Prerequisite: MUS 1110-1163. Achievement of Junior Standing. **MUS 909**

3361 MUS Organ. (Arr.-Arr.-1, -2, or -4) F, S. Advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated for credit. Prerequisite: MUS 1110-1163. Achievement of Junior Standing.

3363 MUS Jazz. (Arr.-Arr.-1, -2, or -4) F, S. Advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated for credit. Prerequisite: MUS 1110-1163. Achievement of Junior Standing.

3400 MUS Methods and Materials of Teaching Instrumental Music (3-1-4) F, S. Instrumental methods and materials and clinical experiences appropriate for elementary and secondary schools. Peer teaching, public school observation and participation are required. Music Education Majors only. Writing-intensive. Prerequisite: Admission to Teacher Education, "C" or better in MUS 2155, SED 3330 and EDP 3331. Completion of MUS 1301, 1304, 1308, 1309 encouraged.

3420 MUS Music in Elementary Schools. (2-1-2) Contemporary methods and materials of teaching music as aesthetic education in preschool and in the elementary grades. Prerequisite: Open to elementary and special education majors only.

3440 MUS Methods and Materials of Vocal and General Music. (3-1-4) F, S. A study of the methods and materials necessary for teaching vocal and general music P-12. Students will have experiences teaching music in public schools. This class is for Music Education Majors only. Prerequisite: Admission to Teacher Education, "C" or better in MUS 2155, SED 3330 and EDP 3331. WI

3531 MUS Jazz Improvisation III. (0-2-1) S. The detailed study of the characteristics and performance requirements of four types of jazz compositions: the blues, modal tunes, ballads, and contemporary. Emphasis will be placed on daily improvisation in class and solo transcription. Required of all students in the Jazz Studies Concentration. Prerequisite: MUS 2530 or permission of instructor.

3541 MUS Music Analysis I: Music of the Common Practice Period. (3-0-3) F. The detailed study of selected compositions from the common practice period (Baroque, Classic, or Romantic eras). Prerequisite: MUS 2542 or permission of instructor.

3542 MUS Music Analysis II: Music of the Post-Tonal Period. (3-0-3) S. The detailed study of selected compositions from the post-tonal period (20th century to the present). Prerequisite: MUS 2542 or permission of instructor.

3547 MUS Orchestration. (2-0-2) F. Beginning practical experience in scoring for orchestra. Prerequisite: MUS 2541.

3550G MUS Survey of American Music. (3-0-3) F. Introduction to American music, including a discussion of Native American music and a survey of both the Cultivated and Vernacular traditions in American music from the Colonial Period until the present.

3553G MUS Survey of Musical Masterworks. (3-0-3) F, S. Important pieces of Western Classical Music will be examined. Compositions will be selected from at least four different stylistic periods. Exclusions: The course will not be open to music majors.

3562G MUS Non-Western Music. (3-0-3) F, S. The music of a variety of world cultures, such as Asian, African, and South American, will be examined in their appropriate contexts. WI

3570 MUS Composition. (Arr.-Arr.-1, -2, or -4) F, S. Advanced study in music composition on a one-to-one basis with an instructor. May be repeated for credit. Prerequisite: MUS 1570. Achievement of Junior Standing. MUS 909

3584 MUS History and Literature of Music I. (3-0-3) F. History and literature of music from the Renaissance to the end of the Baroque Period. Prerequisite: MUS 2541 or permission of instructor. WI

3585 MUS History and Literature of Music II. (3-0-3) S. History and literature of music from the Classical Period to the end of the Romantic Period. Prerequisite: MUS 2541 or permission of instructor. WI

3586 MUS History and Literature of Music III. (3-0-3) F. History and literature of music of the Middle Ages and the Contemporary Period. Prerequisite: MUS 2542 or permission of instructor. WI

3591 MUS Music Analysis, Honors. (3-0-3) On Demand. The detailed study of a few musical compositions from either the 18th, 19th, or 20th centuries; the specific century to be announced in advance. Prerequisite: MUS 2541 and permission of instructor or MUS 2452, admission to the University Honors College. WI

3592G MUS Non-Western Music, Honors. (3-0-3) F, S. The music of a variety of world cultures, such as Asian, African, and South American, will be examined in their appropriate contexts. Prerequisite: Admission to the University Honors College. WI

3593G MUS Survey of Musical Masterworks, Honors. (3-0-3) F, S. Important compositions of Western Classical Music will be examined. Compositions will be selected from at least four different stylistic periods. This course will not be open to music majors. Prerequisite: Admission to the University Honors College. WI

3594 MUS History and Literature of Music I, Honors. (3-0-3) F. History and literature of music from the Renaissance to the end of the Baroque Period. Prerequisite: MUS 2541 or permission of instructor and admission to Departmental Honors. WI

3595 MUS History and Literature of Music II, Honors. (3-0-3) S. History and literature of music from the Classical Period to the end of the Romantic Period. Prerequisite: MUS 2541 or permission of instructor and admission to Departmental Honors. WI

3596 MUS History and Literature of Music III, Honors. (3-0-3) F. History and literature of music of the Middle Ages and the Contemporary Period. Prerequisite: MUS 2542 or permission of instructor and admission to Departmental Honors. WI

3622 MUS Advanced Jazz Combo. (Arr.-Arr.-1) A performance-oriented course in which the student performs in small jazz ensembles to develop necessary playing and improvisational skills. Emphasis will be placed on performing, studying and analyzing standard jazz repertoire. Prerequisite: Two semesters of jazz improvisation. Open to all students in the Jazz Studies Option and students who demonstrate competence in jazz performance.

3800 MUS Jazz Theory I. (1-1-1) On Demand. A study of basic jazz skills as they relate to an understanding of modern harmonic/melodic concepts of theory at the keyboard. Open to all students. Prerequisite: Two semesters of class piano and two semesters of music theory including 1541 and 1542, or permission of instructor. Required of all students in the Jazz Studies Option.

3801 MUS Jazz Theory II. (1-1-1) On Demand. A continuation of MUS 3800 dealing with more elaborate concepts of jazz harmony applied to the keyboard. Students will gain skills adequate to perform in a rhythm section. Prerequisite: MUS 3800 or competence. Open to all students. Required of all students in the Jazz Studies Option.

3850 MUS Jazz Improvisation. (2-0-2) F. An introduction to the basic improvisational skills of the jazz player, including the practice and study of standard jazz tunes, the blues, modal jazz, scales and analysis of solos by jazz artists. Course may be taken twice for credit. Prerequisite: MUS 1542 and 1544 or permission of the instructor.

3860 MUS Marching Band and Jazz Band Techniques. (2-0-2) S. A study of teaching strategies, literature, and organizational/administrative paradigms for the high school marching band and jazz band. Prerequisite: Music 3400 or permission of the instructor.

3970 MUS Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4100 MUS Senior Recital: Teacher Certification Option. Demonstrating musical abilities through live performance. The recital will be 25 minutes long.

4101 MUS Senior Recital: Performance Option (Arr.-Arr.-0) Demonstrating musical abilities through live performance or a composition project. The recital will be 50 minutes long.

4444 MUS Honors Independent Study. (Arr.-Arr.-1-3) Consideration of special topics in Music. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. May be repeated as a substitute for graduate seminar, with permission of Honors Coordinator. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. WI

4541 MUS Sixteenth Century Counterpoint. (2-0-2) S-even-numbered years. A basic study of techniques in polyphonic literature. Includes the styles of Palestrina and the English madrigalists. Prerequisite: MUS 2541.

4542 MUS Eighteenth Century Counterpoint. (2-0-2) S-odd-numbered years. A basic study of contrapuntal harmonic practices, including inventions, canon, fugue, and forms based upon the chorale. Prerequisite: MUS 2541.

4555 MUS Honors Research. (Arr.-Arr.-1-3) In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Any methodology may be used. May be repeated as a substitute for graduate seminar, with permission of Honors Coordinator. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4600 MUS Independent Study. (Arr.-Arr.-1-3) Independent pursuit of a study or research project. Outline for student's plan of work must be submitted to chairperson, Department of Music, for approval and instructor assignment. The course may be repeated to a maximum of six semester hours.

4644 MUS Honors Thesis. (Arr.-Arr.-1-3) Intensive research in preparation for a thesis on a topic in Music approved by faculty supervisor and the Departmental Honors Coordinator. May not be repeated.

4666 MUS Honors Seminar. (3-0-3) Concerns areas of investigation that integrate musical concepts and research methodologies. May be repeated as a substitute for graduate seminar, with permission of Honors Coordinator. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

Courses Open to Juniors, Seniors, and Graduate Students

4750 MUS Choral Arranging. (2-0-2) S. A practical approach to developing skill in scoring and arranging for various vocal ensemble combinations. Prerequisite: MUS 1541, 1542, and 2541.

4770 MUS Vocal Literature. (2-0-2) On Demand. The study of a selected topic in vocal literature from German Lied, French chanson, American and British art song or opera. May be taken twice for credit.

4840 MUS Band Arranging. (2-0-2) S. A course in scoring and arranging materials for instrumental ensembles. Prerequisite: MUS 2541.

4850 MUS Jazz Band Arranging. (2-0-2) S. A course dealing with the basic problems and techniques involved in arranging for a jazz band. Prerequisite: MUS 2543 or equivalent.

4861 MUS Jazz Pedagogy. (2-0-2) On Demand. A study of the methods and materials necessary for teaching jazz music. Students will have peer teaching experiences. Students will need basic conducting and keyboard skills as well as a grasp of the fundamentals of music theory. This class is required of all students in the Jazz Studies Concentration. Prerequisite: Permission of the instructor.

4870 MUS Style Period Proseminar. (3-0-3) Stylistic study of the music of a period pre-selected from the following: 1) Middle Ages; 2) Renaissance; 3) Baroque; 4) Rococo-Classical; 5) Romantic; and 6) Twentieth Century. May be repeated for a maximum of 18 semester hours of undergraduate credit or nine semester hours of graduate credit. Prerequisite or corequisite: MUS 3581 or 3582.

4920 MUS Keyboard Literature. (3-0-3) S. A study of selected literature. May be taken twice for credit.

4950 MUS Accompanying. (Arr.-Arr.-1) S-even-numbered years. Vocal and instrumental accompanying techniques combined with practical application. May be substituted by keyboard principals and primaries for one hour of large ensemble. Prerequisite: Junior level or permission of the instructor.

4980 MUS Workshop in Music. (Arr.-Arr.-1-3) On Demand. Literature, theory, techniques, pedagogy, and/or style in various media. Provided a student does not repeat courses with same content, he/she may earn a

maximum of eight semester hours credit. Graduate students may enroll for a maximum of four semester hours.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the Graduate Catalog.

NATIONAL STUDENT EXCHANGE

3960 NSE National Student Exchange, Plan A. (15-0-15) F, S. Enrollment in a National Student Exchange member institution. Student pays tuition to the host campus. Approval of the campus NSE Coordinator is required. Prerequisite: Students must have completed 12 hours of coursework at EIU with a GPA of 2.5 or higher. Equivalent course: Non-honors version of NSE 3990. Course may be repeated a maximum of two times.

3961 NSE National Student Exchange, Plan B. (15-0-15) F, S. Enrollment in a National Student Exchange member institution. Student pays tuition and fees to EIU. Approval of NSE Coordinator is required. Prerequisites: Students must have completed 12 hours of coursework at EIU with a GPA of 2.5 or higher. Equivalent Course: Non-honors version of NSE 3991. Course may be repeated a maximum of two times.

3990 NSE National Student Exchange Plan A, Honors. (15-0-15) F, S. Enrollment in a National Student Exchange member institution. Student pays tuition to the host campus. Approval of the campus NSE Coordinator is required. Prerequisites: Student must have completed 12 hours of coursework at EIU with a GPA of 3.0 or better. Admission to the Honors College required. Equivalent Course: Honors version of NSE 3960. Course may be repeated a maximum of two times.

3991 NSE National Student Exchange Plan B, Honors. (15-0-15) F, S. Enrollment in a National Student Exchange member institution. Student pays tuition and fees to EIU. Approval of the campus NSE Coordinator is required. Prerequisites: Students must have completed 12 hours of coursework at EIU with a GPA of 3.0 or higher. Admission to the Honors College required. Equivalent Course: Honors version of NSE 3961. Course may be repeated a maximum of two times.

NURSING

Undergraduate Courses

3103 NUR Theoretical Foundations of Professional Nursing Practice. (3-0-3) On Demand. An overview of the development, structure, and function of professional nursing practice is provided. Professional nursing roles and competencies, values, and knowledge related to the roles are discussed. Critical thinking and communication are emphasized. Prerequisite: Admission to the Nursing Program. WI

3303 NUR Advanced Nursing Health Assessment. (2-2-3) F. Students build upon basic assessment skills to perform comprehensive nursing health assessment of individuals. History taking, including risk assessment, as well as physical and psychosocial assessment will be practiced. The development of sound clinical judgments based on accurate assessments will be applied. Prerequisite: Prior or Concurrent Enrollment in Professional Nursing Practice NUR 3103. Restriction: Students must be accepted into the RN to BS in Nursing Program.

3604 NUR Pathophysiology and Pharmacology in Professional Nursing Practice. (4-0-4) S. This course builds on basic knowledge of pathophysiology and pharmacology to enhance nursing management of illness and disease. Pathology, manifestations, diagnostics, treatments, and nursing interventions for selected disorders are addressed. Major classifications of drugs, their use in selected disorders, and nursing implications are discussed. Prerequisites: Prior or concurrent enrollment in NUR 3103 Professional Nursing Practice. Restriction: Students must be accepted into the RN to BS in Nursing Program.

3703 NUR Research in Professional Nursing. (3-0-3) S. The role of research in nursing, the research process, design of nursing research, ethical principles, and research methodologies are examined. The use of critical thinking in evaluating and critiquing research studies and the application of research findings to evidence-based practice are emphasized. Prerequisites: Prior or concurrent enrollment in NUR 3103 Professional Nursing Practice. Prior completion of Math 2250G or equivalent with a grade of 'C' or better. Restriction: Students must be accepted into the RN to BS in Nursing Program.

4106 NUR Leadership and Management in Nursing. (3-6-6) F. This course focuses on theories and concepts related to management and leadership in nursing practice. Strategies for managing quality of care and outcome issues, caseloads of patients, professional and support personnel, data analysis, finance and budgeting, and collaboration are addressed. Prerequisite: Prior or

concurrent enrollment in NUR 3103. Restriction: Students must be accepted into the RN to BS in Nursing Program.

4203 NUR Nursing, Health Care, Policies, and Politics. (3-0-3) F. A systematic overview of the structure and function of American health care system is offered. The historical development, emerging directions, issues, and major forces influencing the health care system are discussed. The role of professional nursing in health care organizations, planning, and policy formation is explored. Prerequisite: Prior or concurrent enrollment in NUR 3103. Restriction: Students must be accepted into the RN to BS in Nursing Program.

4506 NUR Nursing and the Community. (3-6-6) S. An overview of public and community health nursing practice within a context of systems theory is provided. Community assessment and principles of epidemiology are explored. Primary, secondary, and tertiary prevention interventions to individuals, families, groups, aggregates, and communities, are emphasized. Prerequisites: Prior or concurrent enrollment in NUR 3303, NUR 3604, NUR 3703, NUR 4106, and NUR 4203. Restriction: Students must be accepted into the RN to BS in Nursing Program.

4604 NUR Professional Seminar. (4-0-4) S. This course focuses on the professional development of nurses and issues affecting contemporary nursing practice. Professional development through participation in professional organizations, planning a career trajectory, and personal change are addressed. Students synthesize program outcomes through a capstone project. Prerequisites: Previous or concurrent enrollment in NUR 3303, NUR 3604, NUR 3703, NUR 4106, NUR 4203, and NUR 4506. Restriction: Students must be accepted into the RN to BS in Nursing Program.

PHYSICAL EDUCATION (See Kinesiology & Sports Studies)

PHILOSOPHY

Undergraduate Courses

1000G PHI Introduction to Philosophy. (3-0-3) F, S. An introduction to Philosophy through ancient, medieval, modern, and contemporary sources. The course includes main areas such as ethics, metaphysics, epistemology, aesthetics, and philosophy of religion.

1090G PHI Introduction to Philosophy, Honors. (3-0-3) F, S. An introduction to Philosophy through ancient, medieval, modern, and contemporary sources. The course includes main areas such as ethics, metaphysics, epistemology, aesthetics, and philosophy of religion. Prerequisite: Admission to the University Honors College. WI

1200G PHI Introduction to Religious Studies. (3-0-3) On Demand. Introduction to world religions such as Buddhism, Judaism, Christianity and Islam. Students will examine various ways of understanding world religions and gain an appreciation for the nature and variety of religious experience.

1290G PHI Introduction to Religious Studies, Honors. (3-0-3) On Demand. Introduction to world religions such as Buddhism, Judaism, Christianity and Islam. Students will examine various ways of understanding world religions and gain an appreciation for the nature and variety of religious experience. Students cannot receive honors credit for both PHI 1290G and HIS 1590G. Prerequisites: Admission to the University Honors College. WI

1900G PHI Logical and Critical Reasoning. (3-0-3) F, S. A study of the structure and evaluation of arguments, focusing upon: analysis and informal evaluation of everyday arguments; problem-solving strategies; formal tests of validity; conversational contexts of argumentation, and the interaction of contextual principles with principles of validity. **H4 906**

1990G PHI Logical and Critical Reasoning, Honors. (3-0-3) F, S. A study of the structure and evaluation of arguments, focusing upon analysis and informal evaluation of everyday arguments; problem-solving strategies; formal tests of validity; conversational contexts of argumentation, and the interaction of contextual principles with principles of validity. Prerequisite: Admission to the University Honors College. WI

2000 PHI Ancient Philosophy. (3-0-3) F. An introductory historical approach to the ideas of Socrates, Plato, Aristotle and selected early Greek philosophers. **H4 901** WI

2010 PHI Eastern Philosophies. (3-0-3) S-even-numbered years. An introduction to the traditional philosophical-religious ideas of the life and culture of China, India, and Japan. **H4 903N** WI

2090 PHI Ancient Philosophy, Honors. (3-0-3) S-even-numbered years. An introductory historical approach to the ideas of Socrates, Plato, Aristotle and selected early Greek philosophers. Prerequisite: Admission to the University Honors College. **H4 901**

2500G PHI Introduction to Ethics. (3-0-3) F, S. A philosophical study of “the good life”: What constitutes a good life: “How ought one to live?” Examination and critical analysis of a variety of ethical theories from classical through the present and their practical application to contemporary issues. **H4 900**

2590G PHI Introduction to Ethics, Honors. (3-0-3) F, S. A philosophical study of “the good life”: What constitutes a good life: “How ought one to live?” Examination and critical analysis of a variety of ethical theories from classical through the present and their practical application to contemporary issues. Prerequisite: Admission to the University Honors College. WI

3020 PHI Ethics. (3-0-3) S. Analysis and evaluation of principal theories and problems concerning Right, Good and the validity of moral standards and moral conduct. WI

3030 PHI Science and Human Values. (3-0-3) F-odd-numbered years. An introductory examination of the character of scientific inquiry and its impact on religion, moral and political values. Prerequisite: Three semester hours in Philosophy or permission of the instructor. WI

3040 PHI Philosophy of Art. (3-0-3) F-even-numbered years. A critical examination of aesthetic experience and fine art: artistic creativity, the work of art, and criteria of judgment. WI

3050G PHI Social and Political Philosophy. (3-0-3) F-odd-numbered years. A study of some theoretical approaches to understanding social, economic, and political relations. The focus will be on political liberty and its critics from Marxist, feminist, and other perspectives. Prerequisite: ENG 1001G and ENG 1002G. WI

3070 PHI Philosophy of Law. (3-0-3) On Demand. An assessment of philosophical aspects of the law such as how human laws relate to God’s laws or moral laws; when civil disobedience is justified; whether rights can be limited; nature of responsibility and punishment; and selected current topics. WI

3100G PHI Cultural Foundations I. (3-0-3) F, S. An in-depth look at three cultural foundations, two Western and one African. The course examines societies and values by exploring primary texts in literature, philosophy, and religion. Cross-listed with ENG 3100G. Prerequisite: ENG 1001G, ENG 1002G. WI

3110G PHI Cultural Foundations II. (3-0-3) S. An in-depth look at three significant Eastern cultural foundations. The course examines societies and values by exploring primary texts in literature, philosophy and religion. Cross-listed with ENG 3110G. Prerequisite: ENG 1001G and ENG 1002G. WI

3220 PHI Medieval Philosophy. (3-0-3) S-odd-numbered years. An examination of the principal philosophers from Epicurus through St. Thomas Aquinas. Prerequisite: Three semester hours in Philosophy or permission of the instructor. WI

3260 PHI Modern Philosophy. (3-0-3) F. Philosophical thought during the scientific revolution and the Enlightenment, including the influence of the new sciences and of reason on religious, moral, and metaphysical beliefs. Readings include Descartes, Hume, and Kant. Prerequisite: Three semester hours in Philosophy or permission of the instructor. WI

3280 PHI Nineteenth Century Philosophy. (3-0-3) F-even-numbered years. Focuses on the post-Enlightenment critique of objective truth given historical, economic, and cultural situatedness. Readings include Hegel, Marx, and Nietzsche. Prerequisite: Three semester hours in Philosophy or permission of the instructor. WI

3290 PHI Modern Philosophy, Honors. (3-0-3) F-even-numbered years. Philosophic thought from Galileo to Kant; the foundations of modern science and implications for religious, moral and political theory. Prerequisite: Admission to the University Honors College.

3310 PHI Indian Philosophy. (3-0-3) F-even-numbered years. A comprehensive study of the philosophical and religious traditions of Indian thought and culture. Prerequisite: Three semester hours in Philosophy or permission of the instructor. WI

3320 PHI Chinese Philosophy. (3-0-3) S-even-numbered years. A comprehensive study of the philosophical and religious traditions of Chinese culture. Prerequisite: Three semester hours in Philosophy or permission of the instructor. WI

3500 PHI Metaphysics. (3-0-3) S-odd-numbered years. This course is an examination of contemporary analytical metaphysics: topics include the nature of truth, identity (including personal identity), possible worlds, material constitution and freedom of the will. Prerequisite: Three semester hours in Philosophy or permission of the instructor. WI

3520 PHI Necessity, Possibility, and Existence. (3-0-3) F-odd-numbered years. A survey of applied modal logic, approached through historical developments of concepts and reasoning techniques concerning necessity, possibility, and actual existence. Prerequisite: PHI 1900, or permission of the instructor. WI

3540 PHI Philosophy of Mind. (3-0-3) F-even-numbered years. A study of the major issues surrounding the concepts of mind and consciousness, and the nature of the intellectual faculties, as dealt with both historically and in contemporary theories of cognition. Prerequisite: Three semester hours in Philosophy or permission of the instructor. WI

3600 PHI Philosophy of Religion. (3-0-3) F-odd-numbered-years. A philosophical interpretation of religion, religious experience, and fundamental problems: God, evil, immortality, religious knowledge. Prerequisite: Three semester hours in Philosophy or permission of the instructor. WI

3680 PHI Buddhism. (3-0-3) S-odd-numbered years. An in-depth study of the philosophical, religious and historical aspects of Buddhism. Prerequisite: Three semester hours in Philosophy or permission of the instructor. WI

3700G PHI Language and Human Nature. (3-0-3) On Demand. A formal study of human language structure as an object of scientific inquiry and its relation to questions of human nature. Prerequisite: ENG 1001G and ENG 1002G, or permission of the instructor. WI

3720 PHI Theory of Knowledge. (3-0-3) F-odd-numbered years. This course is an examination of contemporary epistemology: topics include the nature of rationality, truth, an analysis of knowledge, and a study of the sources of human knowledge. Prerequisite: Three semester hours in Philosophy or permission of the instructor. WI

3780 PHI Philosophy of Science. (3-0-3) S-even-numbered years. A study of the major philosophical views concerning the nature and practice of science, and including such topics as theory, experimentation, and the relation of these to reality and human life. Prerequisite: Three semester hours in Philosophy or permission of the instructor. WI

3800 PHI Phenomenology and Existentialism. (3-0-3) F-even-numbered years. An examination of the leading exponents of the phenomenological movement in 20th century philosophy, including existentialism. The course will cover such figures as Husserl, Heidegger, Sartre, Jaspers and Merleau-Ponty. Prerequisite: Three semester hours in Philosophy or permission of the instructor. WI

3820 PHI Contemporary European Philosophy. (3-0-3) S-odd-numbered years. A survey of contemporary movements in European philosophy, including hermeneutics, deconstruction, critical theory, post-structuralism, and post-modernism. Covers the later Heidegger, Derrida, Foucault, Habermas, Ricoeur, Gadamer, Lyotard and Rorty. Prerequisite: Three semester hours in Philosophy or permission of the instructor. WI

3900 PHI Symbolic Logic. (3-0-3) S. An introduction to methods for analyzing and evaluating deductive arguments, using an artificial language to focus attention on the formal structure of propositions and arguments. Prerequisite: PHI 1900G or permission of the instructor.

3970 PHI Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

3980 PHI Special Topics in Philosophy. (3-0-3) On Demand. An in-depth treatment of a single topic or figure in Philosophy, reflecting the special interests of students and the instructor. May be repeated once for credit. Prerequisite: Permission of the instructor.

4400 PHI Independent Study. (Arr.-Arr.1-6) Intensive individual study of a topic in Philosophy selected by the student under supervision of the instructor. Prerequisites: Approval of the department chairperson. The student must submit a study plan for approval by the department chair and faculty supervisor prior to registration. May be taken more than once for credit with the permission of the department chairperson. Credit for up to six semester hours may be applied to the Philosophy major or minor with permission of the department chairperson.

4444 PHI Honors Independent Study. (3-0-3) Consideration of special topics in Philosophy. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4480 PHI Seminar. (3-0-3) S. Advanced study of selected problems, topics, or philosophers. Prerequisite: Nine semester hours in Philosophy and permission of the instructor. May be taken twice for credit with permission of the department chairperson. WI

4555 PHI Honors Research. (3-0-3) In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Any methodology may be utilized. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4644 PHI Honors Thesis. (3-0-3) Intensive research in preparation of a thesis on a topic in Philosophy approved by faculty supervisor and the Departmental Honors Coordinator. May be taken twice for credit. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666 PHI Honors Seminar. (3-0-3) Areas of investigation which require integration of Philosophy and research will be treated. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

PHYSICAL SCIENCES

Undergraduate Courses

3400 PHS Methods of Teaching Physical Sciences. (3-0-3) F. Science lesson presentations and examination of current literature concerning new approaches in teaching chemistry and physics. Thirty clock hours in pre-student teaching are included. Prerequisite: EDP 3325 and SED 3330; for ISEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110.

Graduate Courses

Courses in chemistry and physics are used for the M.S. in Natural Sciences. See listings for Chemistry and Physics.

PHYSICS

PHY 1351G, 1352G, 1361, 1362, and 1371, 1372 constitute the standard introductory sequence in physics for majors and minors in chemistry, physics, and pre-engineering. PHY 1151G, 1152G and 1161, 1162 are intended primarily for geology, life science, and industrial technology majors, students in the health professions and others desiring a full-year cultural exposure to physics in a course with less technical emphasis than the 1300 series.

Undergraduate Courses

1000 PHY Engineering Orientation. (Arr.-0-0) F, S. Informational presentations concerning Engineering, in general, and the various engineering specialties that students may elect to pursue. Required of all pre-engineering majors during each semester of attendance.

1051G PHY Physics of the Modern World. (3-0-3) An introduction to some of the revolutionary ideas of modern physics, such as quantum theory, atomic and nuclear physics, and Einstein's theory of Relativity. Cosmology, technology, plectics (the study of simplicity and complexity). Other topics may also be discussed at the discretion of the instructor. **P1 901**

1052G PHY Adventures in Physics. (3-0-3) F. An introduction to the universal laws of nature, their governance of phenomena in everyday life, and their application to inventions in our technological society. Co-requisite: Physics 1053G must be taken concurrently. **P1 901**

1053G PHY Adventures in Physics Laboratory. (0-2-1) Experimental work demonstrating physical principles and their applications. Co-requisite: Must be taken concurrently with Physics 1052G. **P1 901L**

1055G PHY Principles of Astronomy. (3-0-3) An introduction to the solar system, planets, stars, galaxies, evolution of stars, neutron stars, black holes, cosmology, and the structure of the early universe. Co-requisite: Physics 1056G must be taken concurrently. **P1 906**

1056G PHY Principles of Astronomy Laboratory. (0-2-1) Experimental work demonstrating astronomical principles and techniques and their applications. Co-requisite: Physics 1055G must be taken concurrently. **P1 906L**

1071 PHY Physics of Sound and Music. (3-0-3) Development of basic ideas in physics of motion and applications to vibrations and sound waves. Introductory concepts in perception of loudness, pitch, and timbre. Fundamental ideas in musical scales, acoustics of rooms and acoustics of musical instruments. Does not count toward a physics major or minor. Co-requisite: Physics 1072 must be taken concurrently. **P1 901**

1072 PHY Physics of Sound and Music Laboratory. (0-2-1) Experimental work demonstrating physical and acoustical principles and their applications. Co-requisite: Must be taken concurrently with Physics 1071. **P1 901L**

1095G PHY Principles of Astronomy, Honors. (3-0-3) S. An introduction to the solar system, planets, stars, galaxies, evolution of stars, neutron stars, black holes, cosmology, and the structure of the early universe. Prerequisite: Admission to the University Honors College. Co-requisites: Physics 1096G must be taken concurrently.

1096G PHY Principles of Astronomy Laboratory, Honors. (0-2-1) S. Experimental work demonstrating astronomical principles and techniques and their applications. Prerequisite: Admission to the University Honors College. Co-requisites: Physics 1095G must be taken concurrently.

1151G PHY Principles of Physics I. (3-0-3) Mechanics; Newton's Laws of Motion, Energy, Momentum, Conservation Principles, Gravity, Simple Harmonic Motion, Waves, Heat. This course is designed for majors in geology, life sciences, health professions, industrial technology, etc. Prerequisite: MAT 1400 and MAT 1330; or 1340; or a satisfactory ACT mathematics score. Co-requisite: Physics 1152G must be taken concurrently. Credit not given for both PHY 1151G and PHY 1351G. **P1 900**

1152G PHY Principles of Physics I Laboratory. (0-2-1) Experimental work demonstrating physics principles and their applications. Prerequisite: MAT 1400 and MAT 1330; or a satisfactory ACT mathematics score. Co-requisite: Must be taken concurrently with Physics 1151G. Credit not given for both PHY 1152G and PHY 1352G. **P1 900L**

1161 PHY Principles of Physics II. (3-0-3) Electricity and Magnetism, Optics, Modern Physics. Designed for majors in geology, life sciences, health professions, industrial technology, etc. Prerequisite: PHY 1151G and MAT 1400. Co-requisite: Physics 1162 must be taken concurrently. Credit not given for both 1161 and 1361.

1162 PHY Principles of Physics II Laboratory. (0-2-1) Experimental work demonstrating physics principles and their applications. Prerequisite: PHY 1152G and MAT 1400. Co-requisite: Must be taken concurrently with Physics 1161. Credit not given for both 1162 and 1362.

1351G PHY General Physics I. (3-0-3) F, S. Classical mechanics including a detailed study of statics, kinematics, dynamics, simple harmonic motion; with straight-line, projectile, and rotational motion; also conservation principles, work, energy, momentum. The first of a three-semester sequence designed for students in chemistry, pre-engineering, mathematics, physics, etc. Co-requisites: Physics 1352G must be taken concurrently as well as MAT 1441G. Credit not given for both 1351G and 1151G. **BIO 903**

1352G PHY General Physics I Laboratory. (0-3-1) F, S. Experimental work demonstrating physics principles and their applications. Co-requisites: Must be taken concurrently with Physics 1351G as well as MAT 1441G. Credit not given for both PHY 1352G and 1152G.

1361 PHY General Physics II. (3-0-3) F, S. Thermodynamics, electricity and magnetism. The second of a three-semester sequence designed for students in chemistry, pre-engineering, mathematics, physics, etc. Prerequisite: PHY 1351G. Co-requisites: Physics 1362 must be taken concurrently as well as MAT 2442. Credit not given for both PHY 1361 and 1161. **EGR 912; BIO 904**

1362 PHY General Physics II Laboratory. (0-3-1) F, S. Experimental work demonstrating physics principles and their applications. Prerequisite: PHY 1352G. Co-requisites: Must be taken concurrently with Physics 1361 as well as MAT 2442. Credit not given for both PHY 1362 and 1162. **WI**

1371 PHY General Physics III. (3-0-3) F, S. Wave motion and sound, optics, modern physics. The third of a three-semester sequence designed for students in chemistry, pre-engineering, mathematics, physics, etc. Prerequisite: PHY 1361, 1362 Co-requisites: Physics 1372 must be taken concurrently as well as MAT 2443. **EGR 914; BIO 904**

1372 PHY General Physics III Laboratory. (0-3-1) F, S. Experimental work demonstrating physics principles and their applications. Prerequisite: PHY 1362. Co-requisites: Must be taken concurrently with Physics 1371 as well as MAT 2443.

1391G PHY General Physics I, Honors. (3-0-3) F. A quantitative study of kinematics, statics, dynamics and simple harmonic motion. Equations of motion are based upon an application of Newton's Laws, conservation principles, the work-energy theorem and Newton's Law of Universal Gravitation. Prerequisite: Admission to the University Honors College. Co-requisites: Physics 1392G must be taken concurrently as well as MAT 1441G. Credit not given for both 1391G and 1351G or 1151G.

1392G PHY General Physics I Laboratory, Honors. (0-3-1) F. Experimental work demonstrating physics principles and their applications. Prerequisite: Admission to the University Honors College. Co-requisites: Must be taken concurrently with Physics 1391G as well as MAT 1441G. Credit not given for 1392G and 1352G or 1152G.

2390 PHY Statics. (3-0-3) F. Force and moment resultants of force systems; equilibrium analysis using free-body diagrams; force analysis of trusses, frames, cables, etc.; shear-force and bending-moment distributions; Coulomb friction; centroids, center of mass, moments and products of inertia; virtual work; hydrostatic pressure. Prerequisite: PHY 1351, PHY 1352 or permission of the instructor. Corequisite: MAT 2443. **EGR 942**

2400 PHY Dynamics. (3-0-3) S. Kinematics and dynamics of the three-dimensional motion of particles; kinematics and dynamics of the plane motion of rigid bodies; methods of work-energy and impulse-momentum; moving reference frames, vibrations, central force motion. Prerequisite: PHY 2390 and MAT 2443. **EGR 943**

2600 PHY Introductory Research in Physics. (Arr.-Arr.-1-3) Faculty-supervised experimental, theoretical, or computational research. A written record of laboratory work is required. A short oral presentation will be made that summarizes the student's work for the semester. Can be repeated for credit. Prerequisite: PHY 1351G, 1352G, permission of instructor, and permission of department chair.

3001 PHY Laser Safety. (3-0-3) F-even-numbered years. An introduction to laser safety in a professional setting. This course develops the fundamentals of laser operation. There is further study into safety issues involved in using lasers including hazards and protection. A working knowledge of the standards of laser safety and how to create a safer workplace is developed in this course. Students learn the practical matters as well as the legal issues facing a laser safety officer. Prerequisites: PHY 1161 or PHY 1371 and MAT 1441G or MAT 2110G.

3002 PHY Introduction to Health Physics. (3-0-3) S. Nuclear physics and radioactivity, radiological measurements, interactions of radiation with matter, radiation exposure and biological damage, safe radiological procedures and practices. Prerequisites: PHY 1372 (or PHY 1162 with permission of Chair); and MAT 1441G (or MAT 2110G).

3010 PHY Special Topics in Physics. (Arr.-Arr.-1-3) F, S. A course in a selected area of Physics. May be repeated for credit if different topic is taught. Prerequisite: PHY 1351G, 1352G, 2390, and MAT 2443. Only six semester hours may be counted toward Physics major.

3011 PHY Special Topics in Physics. (Arr.-Arr.-1-3) F, S. A course in a selected area of Physics. May be repeated for credit if different topic is taught. Prerequisite: PHY 1161 and 1162 or PHY 1371 and 1372. Only six semester hours may be counted toward Physics major.

3012 PHY Special Topics in Physics. (Arr.-Arr.-1-3) F, S. A course in a selected area of Physics. May be repeated for credit if different topic is taught. Only six semester hours may be counted toward Physics major. Prerequisite: PHY 1161 and 1162 or PHY 1371 and 1372.

3050G PHY Excursions in Physics. (3-0-3) Selected topics in Physics will be explored to illustrate a variety of physical situations and to acquaint the student with some of the underlying fundamental ideas and processes and methods of Physics.

3080 PHY Modern Physics I. (3-0-3) S. The fundamental concepts of physics of the twentieth century are taught within a limited mathematical framework. Prerequisite: PHY 1371, 1372 and MAT 2443.

3090 PHY Modern Physics II. (3-0-3) F-odd-numbered years. Continuation of PHY 3080 applied to the subjects of atomic, molecular, solid state physics, lasers and selected topics from twentieth century physics. Prerequisite: PHY 3080.

3100 PHY Astronomical Techniques. (2-3-3) S-odd-numbered years. An introductory course in observational astronomy, with a two part emphasis. The first part covers the use and theory of modern telescopes, CCD cameras, filters, and spectrometers, while the second part covers the handling, calibration and reduction of data using astronomical image analysis software and other computer programs. Topics on the gathering of data outside the visible parts of the spectrum will also be addressed. Prerequisites: PHY 1055G, 1371, and 1372.

3150 PHY Electronics. (2-4-4) F. A study of the fundamental principles of, and hands-on experience with, analog electronics. Topics include: DC, AC and transient circuit analysis techniques, rectification, active and passive filtering, regulation, oscillator circuits, and computer simulations using PSpice. Prerequisite: PHY 1161, 1162 or 1361, 1362; MAT 2110G or 1441G.

3270 PHY Introduction to Circuit Analysis. (4-0-4) S. Basic principles of network analysis, including Kirchoff's laws, node and mesh equations, matrix methods, equivalent circuits, operational amplifiers, transient analysis, sinusoidal steady-state analysis, three-phase circuits, transformers, network functions, and frequency response. Prerequisite: PHY 1361, 1362, credit or registration in MAT 3501 and some knowledge of matrices and computer programming. **EGR 931**

3300 PHY Advanced Classical Mechanics. (3-0-3) S-odd-numbered years. The theory of rigid body motion. Lagrangian and Hamiltonian mechanics, coupled oscillating systems, normal modes and relativistic kinematics and dynamics. Prerequisite: PHY 2400.

3320 PHY Computational Methods in Physics and Engineering. (3-3-4) S-even-numbered years. An introduction to various numerical methods for solution of nonlinear equations, numerical differentiation, solution of ordinary differential equations for both initial-value and boundary-value problems. This course focuses on practical applications of these methods in simple physics and engineering systems and hands-on experience with computer modeling and simulation. Prerequisites: PHY 1371, MAT 2170, concurrent or prior enrollment in MAT 2550.

3350 PHY Introduction to Solid State Physics. (3-0-3) S-odd-numbered years. Discussion of crystal structure, crystallography, the theory of thermal and electrical transport properties of metals, semiconductivity, and superconductivity. Co-requisite: PHY 3410 or CHM 3920.

3410 PHY Electricity and Magnetism I. (3-0-3) F-even-numbered years. Coulomb's law, electric fields, potential, Gauss' law, capacitance, dielectrics, electrostatic energy, DC circuits, introduction to magnetic fields and forces, induction. Prerequisite: PHY 2400 and Co-requisite: MAT 3501.

3420 PHY Electricity and Magnetism II. (3-0-3) S-odd-numbered years. Advanced magnetism, magnetic materials, magnetic energy, varying electric currents, AC circuits, Maxwell's equations, electromagnetic radiation. Prerequisite: PHY 3410.

3500 PHY Laboratory Practicum. (0-3-1) F, S. Practical experience in laboratory procedures for introductory physics laboratories. Students will gain experience in the methods of preparation and presentation of physics laboratories. This course is open only to Physics majors and majors in Science with Teacher Certification, Physics Specialization. May be repeated for a maximum of three semester hours of credit. Prerequisites: PHY 1371, 1372.

4000 PHY Seminar in Physics. (1-0-1) F, S. Reports and discussions of selected topics with instructor approval for oral presentation. Required of junior majors. May be taken twice for credit. Prerequisite: PHY 1161 or PHY 1371.

4010 PHY Seminar in Physics. (1-0-1) F, S. Reports and discussions of selected topics with instructor approval for oral presentation. Required of senior majors. May be taken twice for credit. Prerequisite: PHY 1161 or PHY 1371.

4100 PHY Astrophysics. (3-0-3) S-even-numbered years. An introductory course in astrophysics, with an emphasis on applying the tools of mechanics, electromagnetism, thermodynamics, and quantum theory to understand the processes inherent in galaxies, cosmology and the structure and evolution of stars. Prerequisite: PHY 3080.

4320 PHY Computational Physics. (3-3-4) S-odd-numbered years. This is a project-oriented course in computational physics, with an emphasis on the understanding of the computational approach to complex physics problems through detailed case studies. Topics include realistic projectile motion, oscillatory motion and chaos, the solar system, potentials and fields, waves, random systems, molecular dynamics, and quantum mechanics. Prerequisites: PHY 2390, PHY 3080, PHY 3410, and PHY 3320.

4410 PHY Independent Study. (Arr.-Arr.-1-3) On Demand. Selected problems based on student's interests. Admission and assignment of problems by arrangement. Laboratory, reading and conference. Prerequisite: Permission of instructor and department chair.

4444 PHY Honors Independent Study. (3-0-3) Consideration of special topics in Physics. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. May be repeated. Prerequisites: Admission to the Departmental Honors Program and permission of the faculty supervisor, Departmental Honors Coordinator and Department Chair.

4470 PHY Optics. (3-3-4) F-odd-numbered years. Geometrical optics, optical instruments, wave optics: superposition, coherence, interference, diffraction, polarization. Prerequisite: PHY 1371 and 1372.

4555 PHY Honors Research. (3-0-3) In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Prerequisite: Admission to the Departmental Honors Program and permission of the faculty supervisor, Departmental Honors Coordinator and Department Chair.

4600 PHY Research in Physics. (Arr.-Arr.-1-3) Faculty-supervised research. A written report and an oral presentation are required. Can be repeated for credit. Limit of three semester hours of PHY 4410, 4600 and 4800 in aggregate count toward Physics electives. Prerequisite: PHY 2390, permission of instructor and department chair.

4644 PHY Honors Thesis. (3-0-3) Intensive research in preparation of a thesis on a topic in Physics approved by faculty supervisor and the

Departmental Honors Coordinator. May not be repeated. Prerequisite: Admission to the Departmental Honors Program and permission of the faculty supervisor, Departmental Honors Coordinator and Department Chair.

4666 PHY Honors Seminar. (3-0-3) Areas of investigation which require integration of Physics and research will be treated. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator and Department Chair.

4710 PHY Experimental Physics. (0-4-1) F. Experiments from different areas of physics using various techniques and instrumentation to acquire and analyze physical data. May be repeated for a maximum of three semester hours of credit. Co-requisite: PHY 3150. WI

Courses Open to Juniors, Seniors, and Graduate Students

4750 PHY Thermodynamics and Statistical Mechanics. (4-0-4) F-even-numbered years. Thermometry, thermodynamic laws, kinetic theory, Maxwell-Boltzmann, Bose-Einstein, and Fermi-Dirac statistics and applications. Prerequisite: PHY 1361, 1362, and MAT 2442.

4800 PHY Independent Study. (Arr.-Arr.-1-6) On Demand. Selected problems based on the student's interests. Admission and assignment of problems by arrangement. Laboratory, reading, and conference. Prerequisite: Permission of the instructor and Department Chair.

4850 PHY Quantum Mechanics and Atomic Physics I. (4-0-4) F-odd-numbered years. Schrodinger equation applied to one-, two-, and three-dimensional problems, harmonic oscillator and hydrogen atom, uncertainty principle. Prerequisite: PHY 2400 and 3080; MAT 2443 and 3501.

4860 PHY Quantum Mechanics and Atomic Physics II. (2-0-2) S-even-numbered years. Applications of the Schrodinger equation to nuclear, solid state, exclusion principle, angular momentum, atomic spectroscopy. Prerequisite: PHY 4850.

4870 PHY Mathematical Methods of Physics. (3-0-3) F-odd-numbered years. Selected topics from dynamics (Lagrangian, Hamiltonian), electromagnetic theory (Maxwell's equations), etc. Prerequisite: PHY 2400, MAT 2443 and 3501.

For graduate courses, see the *Graduate Catalog*.

POLITICAL SCIENCE

Undergraduate Courses

1003 PLS Introduction to Comparative Politics. (3-0-3) F, S. A comparative survey of the political process, political ideologies and aspects of political development in different political systems and regions of the world. **S5 903**

1011 PLS Participation in Political Campaigns. (1-Arr.-1) F (state and national election years). (Credit/No Credit) Active participation in the electoral campaign of an individual candidate for state or national office or for the candidates of one political party. May be repeated with permission of the department chairperson.

1093 PLS Current Problems in Politics and Governments, Honors. (3-0-3) On Demand. A national and world survey of political conflict, theories of democracy and socialism, and political, social and economic aspects of development. Prerequisite: Admission to the University Honors College.

1153G PLS American Government and Constitution. (3-0-3) F, S. An introduction to the principles of the U.S. Constitution and political system, with an emphasis on the role citizens play in government and politics. Topics covered include the Constitution, civil rights and civil liberties, government institutions, political parties, voting and elections. **S5 900; PLS 911**

1193G PLS American Government and Constitution, Honors. (3-0-3) F, S. An introduction to the principles of the U.S. Constitution and political system, with an emphasis on the role citizens play in government and politics. Topics covered include the Constitution, civil rights and civil liberties, government institutions, political parties, voting and elections. Prerequisite: Admission to the University Honors College. **S5 900**

2033 PLS Research Methods in Political Science. (3-0-3) F, S. The goal of this course is to introduce students to research methods in Political Science. Students will learn both qualitative and quantitative methods for carrying out political science research. Students also will learn how to use scholarly literature to support their analysis and how to write research papers in Political Science. Prerequisites: Students who are not Political Science majors or Social Science Teaching majors with a Political Science Designation must have permission of the instructor. WI

2103 PLS Introduction to Political Theory. (3-0-3) F. This course introduces students to the subfield of political theory and it provides an overview of the approaches to the study of political ideas as well as a basic foundation in the

ideas and ideologies that frame modern social and political debates. Course may not be repeated.

2211 PLS Techniques of United Nations Diplomacy. (1-0-1) S. (Credit/No Credit) A role-playing experience in which students represent selected countries at the Model United Nations designated by the department. The countries represented will vary from year to year. The course may be repeated for a total of three semester hours, but no more than two semester hours may count toward the Political Science major or the Political Science minor. Prerequisite: Restricted to students selected to represent EIU at a Model United Nations designated by the department. Students may pay expenses associated with registration, travel, room and meal charges while attending the simulation.

2253G PLS Introduction to International Relations. (3-0-3) F, S. An introduction to the primary theories and political issues in international relations, including examination of the causes of war, international organizations, foreign policy making, the politics of the world economy, and other political issues of transnational character, e.g., terrorism, AIDS, and the environment. **S5 904N; PLS 912**

2293G PLS Introduction to International Relations, Honors. (3-0-3) F, S. An introduction to the primary theories and political issues in international relations, including examination of the causes of war, international organizations, foreign policy making, the politics of the world economy, and other political issues of transnational character, e.g., terrorism, AIDS, and the environment. Prerequisite: Admission to the University Honors College. **S5 904N**

2512 PLS Mock Trial. (1-Arr-1) F, S. (Credit/No Credit) A role-playing class in which students are trained to represent attorneys and witnesses in a mock trial competition. Prerequisite: Permission of the chairperson of Pre-legal Studies Committee. The course may be repeated for a total of six semester hours, but no more than two semester hours may count toward the Political Science major or the Political Science minor. Students may pay expenses associated with registration, travel, room and meal charges while attending competition.

2513 PLS Moot Court. (1-Arr-1) F, S. A role-playing simulation in which students represent attorneys in simulated appellate court competitions. Students will attend at least one competition per semester of enrollment as determined by the instructor, with learning activities ranging from oral arguments to the preparation of written legal briefs. The course may be repeated for a total of six semester hours, but no more than two semester hours may count toward the Political Science major or the Political Science minor. Students may pay expenses associated with registration, travel, room and meal charges while attending competition. Prerequisite: Restricted to students selected to represent EIU at the moot court competitions designated by the department; completion of the fall semester course or permission of instructor is required for registration in the spring semester course.

2603 PLS State and Local Government. (3-0-3) Structures, functions, processes and leadership of state, county and city governments, including analysis of political, constitutional and policy issues facing state and local legislators, executives, administrators and judges. **S5 902; PLS 915**

2611 PLS Model Illinois Government. (1-0-1) S. (Credit/No Credit) This course is designed to prepare students for the Model Illinois Government simulation held in Springfield. At the simulation, students take a hands-on approach to understanding the legal authority, structure, functions and processes of the state legislature in Illinois. The course may be repeated for a total of three semester hours, but no more than two semester hours may count toward the Political Science major or the Political Science minor. Students may pay expenses associated with registration, travel, room and meal charges while attending the simulation. Prerequisite: Restricted to students selected to represent EIU at the simulation.

2693 PLS State and Local Government, Honors. (3-0-3) On Demand. Structures, functions, processes and leadership of state, county and city governments, including analysis of political, constitutional and policy issues facing state and local legislators, executives, administrators and judges. Prerequisite: Admission to the University Honors College. **S5 902**

3100 PLS Global Threats and Problems. (3-0-3) S. An interdisciplinary study of current global problems. Four different social scientific approaches will be used to analyze complex questions regarding the survival of humanity given current threats to our environments, cultures, geopolitical affiliations, and socioeconomic structures. Topics may include famine, terrorism, information control, and disease, among others. Course may not be repeated. Cross-listed with CSC/ECN/GEG/SOC 3100.

3203 PLS American Foreign Policy. (3-0-3) F. This course examines the political process of American foreign policy making. Special attention is devoted to the influence of the Cold War, the Vietnam War and the American governmental institutions that make foreign policy, including the President, Congress, the CIA, the State Department, and the National Security Council.

The course also examines security challenges facing the United States, including terrorism, drug trafficking, and military intervention abroad. WI

3223 PLS International Organizations. (3-0-3) S. An analysis of the development, scope and functions of general and regional international organizations and the process of international integration.

3233 PLS International Terrorism (3-0-3) F. International Terrorism is a course designed to give the student an understanding of terrorism as a political tool. The class will examine the various motivations behind political terrorism, what groups use terrorism as a political tool and why, trends in political terrorism, and problems which states (especially relatively open, pluralist democracies) have in facing the challenge of political terrorism. WI

3303 PLS European Politics and Governments (3-0-3) F. This course examines European politics using a thematic and comparative approach addressing a broad range of issues and countries. The course also explores the history, policies and politics of the European Union. Prerequisite: PLS 1003 or 2253G or permission of the instructor. WI

3323 PLS Post-Communist Politics and Governments. (3-0-3) S. This course examines the political, economic and social development of selected post-communist countries focusing on political institutions and behavior. PLS 1003 or 2253G or permission of the instructor.

3333 PLS Politics of Latin America and the Caribbean. (3-0-3) F-even-numbered-years. This course examines the political environment of selected Latin American and Caribbean states. Special emphasis will be given to political development and the impact of various internal and external actors on democratization, modernization, and state-society relations.

3343 PLS Government and Politics of the Middle East. (3-0-3) S. The governments and politics of the countries of the contemporary Middle East with an emphasis upon the processes of political modernization. Prerequisite: Three semester hours of political science. WI

3353 PLS Politics of Sub-Saharan Africa. (3-0-3) F-odd-numbered years. This course examines the political environment of selected sub-Saharan African states. Special emphasis will be given to political development and the impact of various internal and external actors on democratization, modernization, and state-society relations.

3363 PLS Government and Politics in Asia-Pacific Rim. (3-0-3) F. An introduction to the political systems of major Asian-Pacific Rim nations, emphasizing processes of modernization, system-building, regionalism, and international relations, including the impact of nationalism and colonialism. Prerequisite: PLS 1003 or 2253G or permission of the instructor. WI

3373 PLS International Political Economy. (3-0-3) F. Analysis from a political science perspective of modern theories of political economy; the role of governments in trade policy; economic development approaches; poverty in the global South; and the politics of governmental economic institutions in the international arena. Prerequisite: PLS 2253G or permission of the instructor.

3413 PLS Introduction to Public Administration. (3-0-3) F. A study of the growth, principles and problems of public administration and the relationship to public policy. Prerequisite: PLS 1153G.

3513 PLS Politics and the Legal Process. (3-0-3) F. An analysis of the legal process as an integral part of the American political system with an emphasis upon the behavior of its participants: the police, lawyers, defendants, plaintiffs, politicians. Prerequisite: PLS 1153G or permission of the instructor.

3523 PLS Criminal Law. (3-0-3) On Demand. Problems in the administration of criminal justice, with emphasis on topics such as search and seizure, arrest, interrogation, lineups, and the scope and administration of the exclusionary rule. Prerequisite: PLS 1153G or permission of the instructor. WI

3543 PLS Civil Liberties in America. (3-0-3) S. An analysis of U.S. Supreme Court decisions in these areas: freedom of religion, freedom of expression, affirmative action, political participation, and the right of privacy. Prerequisite: PLS 1153G or permission of the instructor. WI

3593 PLS Politics and the Legal Process, Honors. (3-0-3) On Demand. An analysis of the legal process as an integral part of the American political system with an emphasis upon the behavior of its participants: the police, lawyers, defendants, plaintiffs and politicians. Prerequisite: Admission to the University Honors College.

3643 PLS Comparative State Politics. (3-0-3) F. An introduction to the comparative analysis of state political systems with an emphasis on state administration and policy outputs.

3703 PLS African American Politics. (3-0-3) S. This course analyzes African American political activity and it provides an overview of the roles and

processes by which African Americans have engaged the political system. This course will also study the role of political parties, elections, and social movements in the development of African American political activity. Prerequisites: PLS 1153G or permission of the instructor.

3713 PLS Political Parties and Elections. (3-0-3) F-even-numbered years. An examination of the structure, function and role of political parties in the United States. Prerequisite: PLS 1153G or permission of the instructor. WI

3723 PLS Public Opinion and Political Participation. (3-0-3) F-odd-numbered years. This course provides an introduction to American political behavior. Emphasis will be given to the topics of political socialization, public opinion, voter turnout, issue voting and partisanship. Prerequisite: PLS 1153G or permission of the instructor.

3733 PLS Interest Groups. (3-0-3) F. An examination of the roles interest groups play in the political process, focusing on the development and maintenance of such groups as businesses, public interest groups, foreign lobbies and labor unions. Prerequisite: PLS 1153G or permission of the instructor.

3743 PLS The Legislative Process. (3-0-3) S. An examination of the structures and functions of legislative bodies at the national, state and local levels. Prerequisite: Three semester hours in Political Science or permission of the instructor. WI

3753 PLS The American Presidency. (3-0-3) F. An analysis of the development of the 20th century presidency, focusing on presidential elections, popularity and power, and relations with Congress and the courts. Prerequisite: PLS 1153G or permission of the instructor. WI

3763 PLS Environmental Politics and Policy. (3-0-3) S. Analysis of environmental policy from the perspective of political science, focusing on policy-making techniques, relationships among policy-makers, and case studies of environmental policy and politics. The primary focus will be on the United States, but the course will cover global issues as well.

3863 PLS Special Topics in Political Science. (3-0-3) Study of special topics in Political Science that are not ordinarily covered in existing courses. Topics to be announced. Study may include lecture, readings, oral presentations, group projects, and written assignments. May be repeated for credit on a different topic.

3903 PLS Gender, Public Policy and the Law. (3-0-3) F. An analysis of the policies affecting the relative status and rights of women and men with emphasis on Supreme Court decisions and national legislation designed to promote equality of the sexes. WI

3970 PLS Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4275 PLS Internship. (Arr.-Arr.-1-12) (Credit/No Credit) Work experience as an intern in a government agency, political party or law firm. Amount of credit depends on length of the work experience. Credit for this course does not count toward graduation if the student has earned 12 or more semester hours of Credit/No Credit in student teaching or any other internship offered by the University. A maximum of 12 semester hours of internship credit may be earned within the Department of Political Science. Prerequisite: 2.50 GPA, 2.75 GPA in Political Science, junior-senior status; permission of department chairperson. Pre-law interns need the permission of the Pre-Legal Studies Committee chairperson to register for internships.

4444 PLS Honors Independent Study. (1-3) Consideration of special topics in political science. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4503 PLS Independent Study. (Arr.-Arr.-1-6) Individual study of a topic of the student's choice under the supervision of an instructor. The student must submit a study plan for approval by the department chair and faculty supervisor prior to registration. Prerequisite: Six semester hours of political science, senior standing and permission of the department chairperson. **NOTE:** A maximum of six semester hours may be earned in this course. A maximum of three semester hours may be applied to the major in political science.

4555 PLS Honors Research. (3) In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Any methodology may be utilized. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4644 PLS Honors Thesis. (3) Intensive research in preparation of a thesis on a topic in political science approved by faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisite:

Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

Courses Open to Juniors, Seniors, and Graduate Students

4774 PLS American Constitutional Law. (3-0-3) F. An analysis of Supreme Court decisions on federalism; powers of the President, Congress and the Supreme Court; commerce; taxation; and the civil liberties of the individual. Prerequisite: PLS 1153G or permission of the instructor; junior standing or above.

4793 PLS Public Organization Theory. (3-0-3) F. The application of organization theory to administrative structures, processes and behavior in government bureaucracies. Includes an examination of bureaucratic politics and policymaking, administrative leadership and alternative models of public organization and management. Prerequisite: PLS 1153G or permission of the instructor; junior standing or above. WI

4823 PLS International Policy Issues. (3-0-3) S-even-numbered years. An analysis of contemporary world problems from the point of view of different nation-states. Students will help select the issues. Prerequisite: Nine semester hours in the social sciences or permission of the instructor; junior standing or above.

4853 PLS Contemporary Constitutional Development. (3-0-3) S. An analysis of current decisions and politics of the Supreme Court with emphasis on equal protection, first amendment, due process, and changes in the powers of the executive, legislative and judicial branches. Prerequisite: Three semester hours in public law or permission of the instructor; junior standing or above.

4873 PLS Human Resource Management in Government. (3-0-3) S. An examination of the political environment's impact on personnel policies of local, state and federal agencies. Policies ranging from rights of government employees to affirmative action programs will be explored. Prerequisite: PLS 1153G or permission of the instructor; junior standing or above. WI

4893 PLS Government Budgeting and Politics. (3-0-3) S. An examination of the processes, techniques and politics of federal, state and local government budgeting. The course includes analysis of government taxation, revenues and expenditures; capital budgeting; financial management; and the variety of strategies used by the participants in public budgeting. Prerequisite: PLS 1153G or permission of the instructor; junior standing or above.

4903 PLS Classic Political Theory. (3-0-3) F. The origins and evolution of major concepts in political thought from the time of Pericles through Rousseau. Prerequisite: Six semester hours of political science or permission of the instructor; junior standing or above. WI

4913 PLS Contemporary Political Theory. (3-0-3) S. Concepts in political thought with an emphasis on the development of communist, fascist, social democratic and contemporary theory. Prerequisite: Six semester hours of political science or permission of the instructor; junior standing or above. WI

4923 PLS African American Political Thought. (3-0-3) Fall-even-numbered years. This course investigates the history of African American political thought with reference to the ideologies and strategies African Americans have used to engage the political system, including Black Nationalism, Black Feminism, Black Conservatism, and Black Marxism. This course also studies the role of American political thought in the development of African American political philosophy. Prerequisites: PLS 1153G or permission of the instructor.

4933 PLS Ideologies of the Third World Nations. (3-0-3) S. Survey of Third World political thought with a focus on the ideologies of nationalism, revolution, socialism, and democratic reform. Prerequisite: Three semester hours of political science or permission of the instructor; junior standing or above.

4943 PLS American Political Thought (3-0-3) F-odd-numbered years. This course investigates the evolution of American political thought and examines the social and political ideologies that have shaped the American political system, including Puritanism, Populism, Progressivism, and Reform Liberalism. This course also studies the role of American political thought in the development of American politics and policy. Prerequisites: PLS 1153G or permission of the instructor.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the Graduate Catalog.

PSYCHOLOGY

Undergraduate Courses

1879G PSY Introductory Psychology. (3-0-3) An integrated overview of the basic methods and principles of psychology, including natural and social

science contributions to the understanding of behavior and cognitive processes. Students will gain firsthand experience with psychological research by participating in psychological research and/or summarizing research articles in psychology journals. **S6 900; SPE 912**

1890G PSY Introductory Psychology, Honors. (3-0-3) F, S. An integrated overview of the basic methods and principles of psychology, including natural and social science contributions to the understanding of behavior and cognitive processes. Prerequisite: Admission to the University Honors College. Credit not given for both PSY 1890G and 1879G. **SPE 912 WI**

2610 PSY Statistical Methods of Psychology. (3-2-4) F, S. Application of statistical methods to behavioral data. Prerequisite: PSY 1879G and MAT 1271 or higher level math course, with a grade of C or better; or ACT mathematics score of 26 or higher.

2999 PSY Psychological Forum. (1-0-1) F, S. A variety of methods and resources (e.g., surveys, archival data, Internet sites) will be used to introduce students to the profession of psychology. Includes coverage of such topics as sub-fields in psychology, careers in psychology, and graduate training in psychology and related fields. Prerequisite: PSY 1879G, academic standing as a sophomore psychology major.

3260 PSY Introduction to Group Dynamics. (1-2-2) F, S. Introduction to group dynamics and therapeutic group procedures. Laboratory and classroom experiences will be used to provide direct group experiences and information on the theoretical and empirical literature pertaining to group psychotherapy. Prerequisite: PSY 1879G and approval of instructor prior to registration.

3310 PSY Biological Psychology. (3-0-3) F, S. An overview of the biological bases of behavior, addressing the role of the nervous and endocrine systems in such behaviors as sensation, movement, sleep, reproduction, and mental disorders. Prerequisite: PSY 1879G.

3515 PSY Child Psychology. (3-0-3) F, S. A survey of the progression of human development through middle childhood and of the processes involved in the physical, cognitive, social, and affective domains. Prerequisite: PSY 1879G. **PSY 901**

3521 PSY Psychology of Adolescence and Young Adulthood. (3-0-3) F, S. A survey of development during adolescence and young adulthood, and the influences of biological, cognitive, and social factors on psychological development and behavior. Prerequisite: PSY 1879G. (PSY 3515 is recommended, but not required.) **PSY 902**

3525 PSY Psychology of Maturity and Old Age. (3-0-3) F, S. A survey of age-related psychological development during the adult years. Covers such areas as intelligence, personality, relationships, sexuality, and mental health from post-adolescence to old age and death. The demographics of the adult population and methods for studying adult development are also covered. Prerequisite: PSY 1879G. **PSY 903**

3530 PSY Industrial/Organizational Psychology. (3-0-3) F, S. Applications of the methods and principles of psychology to the workplace, with particular emphasis on human resources. Topics may include job analysis, performance appraisal, personnel selection, employee training, worker motivation, and worker stress. Prerequisite: PSY 1879G or permission of the instructor. **PSY 906**

3590 PSY Theories of Personality. (3-0-3) F, S. A comparison of the four major perspectives in personality theory: Psychoanalytic, trait and type, social-behavioristic and cognitive-humanistic. Special emphasis is placed on basic concepts and principles, assessment, research and techniques used in the treatment process. Prerequisite: PSY 1879G. **PSY 907**

3620 PSY Psychology of Learning. (3-0-3) F, S. Introduction to the principles of learning derived from animal and human research, with particular emphasis on the application of these concepts to problems of human learning. Prerequisite: PSY 1879G.

3680 PSY Sensation and Perception. (3-0-3) F, S. Survey and study of the basic principles of sensation and perception relative to a person's interaction with the environment. Significant applied and life span trends are considered. Prerequisite: PSY 1879G.

3690 PSY Controversial Topics in Psychology. (3-0-3) S. Exploration of special interest or controversial topics in psychology as: Hypnosis, drugs, behavior, transcendental meditation, gay liberation, biofeedback, ESP, and IQ controversy. Prerequisite: PSY 1879G.

3720 PSY Psychology of Gender. (3-0-3) S. Examines the biological, psychological, and social influences related to gender and how gender-related expectations interact with other cultural assumptions and stereotypes to affect experiences and behavior. Research and theories relevant to understanding gender are emphasized. Prerequisite: PSY 1879G.

3765 PSY Methods in Behavioral Management. (3-0-3) F. The basic concepts of human operant conditioning. Emphasizes applied research and techniques of behavior management applicable to a wide variety of settings and problems. Prerequisite: PSY 1879G.

3780 PSY Abnormal Psychology. (3-0-3) A study of the etiology, diagnosis, and treatment of psychological and associated disorders. Topics include theoretical and empirical perspectives on abnormality, assessment of mental illness, and various diagnostic categories including anxiety disorders, mood disorders, and schizophrenia. Prerequisite: PSY 1879G. **PSY 905**

3805 PSY Research Methods and Experimental Design. (2-4-4) Examination of research methodology in psychology, including observational, experimental, and survey techniques. Provides opportunity to design research, analyze data, and write scientific reports. Prerequisite: PSY 2610 with a grade of C or better. WI

3830 PSY Cognitive Processes. (3-0-3) F, S. A survey of research and theory in the "core topics" of cognitive psychology, i.e., perception, memory, language, and problem solving. Prerequisite: PSY 1879G.

3870 PSY Social Psychology. (3-0-3) F, S. Survey of research on social cognition and behavior. Includes coverage of such topics as person perception, social memory, affect, attitude change, social influence, group dynamics, prejudice, and interpersonal attraction. Prerequisite: PSY 1879G. **PSY 908**

3900 PSY Independent Study in Psychology. (Arr.-Arr.-1-6) The study of topics in psychology through directed readings and individual instruction. Students planning to conduct empirical research should enroll in Psychology 4100.

3970 PSY Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4000 PSY Psychology of Problem Solving and Reasoning. (2-2-3) S. This laboratory course focuses on the theories and research that have established the cognitive science of problem solving and reasoning. Prerequisite: PSY 3830 or permission of professor.

4100 PSY Supervised Research in Psychology. (Arr.-Arr.-1-6) F or S. An opportunity to design and conduct empirical research in psychology under the close guidance and sponsorship of a psychology faculty member. Approval of instructor is required prior to registration. May be repeated for credit. A maximum of nine semester hours may be earned in this course. A maximum of three hours may be applied to the major in psychology. Prerequisite: PSY 2610 and PSY 3805 with a grade of C or better in both, or permission of the instructor.

4250 PSY History and Systems. (3-0-3) F. A survey of historical and contemporary systems and theories devoted to the study of mind and behavior, and their contributions to the development of psychology as a scientific discipline. Prerequisite: 15 semester hours in psychology.

4260 PSY Crisis Intervention. (3-0-3) F, S. A comprehensive survey of psychological intervention theories along with practical and realistic guidelines for psychological interventions in personal, family, legal, and organizational crises. Prerequisite: 20 semester hours in psychological or related areas.

4270 PSY Theories of Psychotherapy. (3-0-3) F. A detailed survey of theories, techniques, and research involved in contemporary systems of psychotherapy, including issues relating to the nature of the therapeutic process, assessment and diagnostic practices, and ethical, legal and medical perspectives. Prerequisite: PSY 3590 and 3780. WI

4274 PSY Orientation to Undergraduate Internship. (1-0-1) F, S. (Credit/No Credit) An introduction to undergraduate internship experience, professional behavior and ethics, and delivery of psychological services in applied settings. Prerequisite: Psychology major, 20 hours of psychology course work or permission of instructor.

4275 PSY Undergraduate Internship in Psychology. (Arr.-Arr.-3-6) (Credit/No Credit) Supervised undergraduate internship that familiarizes students with the delivery of psychological services in applied settings. Prerequisite: Psychology major, PSY 4274, 20 hours of psychology course work and permission of the instructor. Six hours is the maximum number of hours permitted.

4444 PSY Honors Independent Study. (3-0-3) Consideration of special topics in Psychology. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. May be repeated for up to six hours.

4515 PSY Children with Exceptionalities. (3-0-3) F, S. This course focuses on children whose physical, cognitive, emotional, behavioral, and/or social

functioning requires intervention. Causes and treatments for exceptionalities are emphasized. Prerequisite: PSY 1879G, 3515.

4590 PSY Psychology Seminar. (3-0-3) F, S. Specific areas within the discipline will be given intensive study through lectures, readings, reports, and discussion. The topic for each semester will be announced in advance by the department chairperson Prerequisite: Major or minor in psychology. May be repeated with permission of the instructor.

4610 PSY Advanced Statistics in Psychology. (3-2-4) F. This course continues students' introduction to theory and application of statistical analysis necessary for psychological research, including the use of computers for advanced data analysis (e.g., analysis of variance; multiple regression; factor analysis). Prerequisite: PSY 2610 or equivalent with a grade of C or better.

4620 PSY Psychological Measurements: Fundamental Principles. (3-0-3) F, S. Introduction to psychometric theories and procedures for the construction and evaluation of intelligence, achievement, aptitude, personality, interest, and special ability tests. Emphasis is on reliability, validity, norms, test construction and standardization, interpretation, and the ethical uses of tests and test data to help the student become better informed and a critical consumer of tests and measurement procedures. Prerequisite: PSY 2610 or equivalent with a grade of C or better.

4644 PSY Honors Thesis. (Arr.-Arr.-3) Intensive research in preparation of a thesis on a topic in psychology under the supervision of a faculty sponsor. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666 PSY Honors Seminar. (3-0-3) A writing-intensive examination of theory and research in various areas of psychology, built around student-selected readings. May be taken twice. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4700 PSY Prejudice and Discrimination. (3-0-3) F. Study of causes, consequences, and possible remedies of prejudice and discrimination as directed toward a variety of groups. Prerequisite: PSY 1879G or SOC 2710G.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the Graduate Catalog.

RECREATION ADMINISTRATION

Undergraduate Courses

1320 REC Leadership in Recreation. (2-2-3) F, S. Basic philosophies of recreation and techniques of leadership in the field of recreation, with practical experiences in the field of recreation with emphasis on face-to-face leadership. Field trip.

1780 REC Introduction to Leisure Service Agencies. (3-0-3) F, S. A study of the concepts, history and philosophy of leisure, recreation and play. Course also introduces various sectors of leisure services industry and issues related to the delivery of leisure services.

2250 REC Principles of Therapeutic Recreation (2-2-3) F, S. Introduction to the characteristics, abilities, and terminology of special populations with emphasis upon the development and implementation of programs. Practical experiences working with individuals with disabilities. WI

2290 REC Programming for Leisure Agencies. (3-0-3) F, S. Development of programming aspects including planning, scheduling, personnel identification, publicity, formats and other aspects for a variety of leisure service agencies. Practical application of these programming elements and evaluation implemented by students in a local agency.

2500 REC The Challenge of Leisure. (3-0-3) F, S. A study and evaluation of the effect of leisure in our lives and assessment of individual leisure participation.

3111 REC Leisure Education and Facilitation Techniques. (3-0-3) S-even-numbered Years. This course is designed to train students in leisure education theory, leisure education programming and related facilitation techniques. Students will have a variety of experiential opportunities to practice leading leisure awareness, leisure wellness and leisure resource activities. Prerequisite: REC 1320, 2250, or permission of instructor.

3250 REC Program Planning and Administration in Therapeutic Recreation. (3-0-3) F-odd-numbered years. The development of therapeutic recreation programs for individuals with disabilities. Includes the therapeutic recreation service model, program design, and related areas such as program

philosophy, program focus, and appropriate intervention and facilitation techniques. Prerequisite: REC 2250. WI

3300 REC Commercial and Employee Recreation. (3-0-3) S. The exploration of recreation as a profit-making enterprise surveying the development and operation of goods and services offered in the leisure market. The exploration of the history, scope, place and relationship of industrial-employee recreation.

3310 REC Travel and Tourism. (3-0-3) F. The study of travel and tourism with emphasis on terminology, social and economic impacts, travel trends and motivations, costs and benefits of tourism development. Prerequisite: Sophomore standing and six hours of behavioral sciences and/or business-related courses.

3320 REC Festivals and Special Events. (3-0-3) F. This course offers an introduction to the planning, marketing, management and evaluation of festivals and special events. Prerequisites: At least 30 hours or Sophomore standing.

3360 REC Therapeutic Recreation Methods and Techniques. (3-0-3) S-even-numbered years. A course designed to provide the student with general information, characteristics, limitations, and potentials of selected populations with disabilities. Special emphasis will be given to the importance of the development, maintenance, and expression of an appropriate leisure lifestyle for individuals with physical, mental, emotional or social limitations. Prerequisite: REC 2250.

3400G REC World Leisure: A Cultural Perspective. (3-0-3) F, S. This course provides an overview of leisure behavior from a cultural perspective. Government, education, economic, religious, and family institutional influence on leisure behavior will be compared and contrasted across selected world cultures. WI

3510 REC Camp Administration and Leadership. (2-0-2) S. Organization and administration of camps including: Business operation, maintenance, operation, program planning, counselor training, and camp standards and regulations.

3515 REC Camping for Individuals with Disabilities. (2-Arr.-3) F. Overview of individuals with disabilities with special focus on working in a socio-recreation environment. Students will have involvement in writing objectives and activity plans, and developing and conducting weekend camps for a group of individuals with disabilities. Prerequisite: REC 2250 or permission of the instructor.

3550 REC Fieldwork in Recreation I. (1-Arr.-3) F, S. Students are assigned to public or private agencies in the community for the purpose of organizing and conducting activities under supervision. There is discussion of problems associated with in-service training. Prerequisite: Second semester sophomore standing and nine hours of professional recreation classes or permission of instructor. Credit not granted for both REC 3550 and 3551.

3551 REC Fieldwork in Recreation II. (0-Arr.-3) Students will be assigned to work full time at an entry-level recreation position under the supervision of a full-time recreation professional. A minimum of 30 hours per week for eight weeks will be required for all students enrolling in this course. Prerequisite: Second semester sophomore standing and nine hours of professional recreation classes or permission of instructor. Credit not granted for both REC 3550 and 3551.

3560 REC Outdoor Living Skills. (1-2-2) S. Study of approved techniques for out-of-doors living and survival skills. Practical experience provided.

3860 REC Environmental Interpretation. (1-2-2) F-even-numbered years. An overview of environmental interpretation as it applies to both natural and man-made areas to acquaint the student with techniques and resources available for the implementation of interpretative programs within various park and recreation agencies. Field trips.

3900 REC Operation of Leisure Facilities. (3-0-3) F-odd-numbered years. A study of methods and materials necessary for the operation and maintenance of recreation parks and other outdoor recreation areas. Information considered will involve a non-scientific approach to such areas as horticulture, agronomy, landscaping, general construction, paving, equipment and maintenance operation.

3910 REC Microcomputers in Leisure Agencies. (3-0-3) F, S. This course is designed to orient students to the various kinds of software and hardware being used in the leisure-related occupations. History, hardware and software selection is included. Prerequisite: No minimum programming level requirements; this is not a programming course.

3960 REC Special Topics in Leisure Studies. (Arr.-Arr.-1-3) On Demand. Special topics and controversial trends in the area of leisure will be studied. May be repeated up to six hours with permission of Department Chair.

Prerequisite: Junior standing or nine hours of Leisure Studies and/or behavioral sciences.

4274 REC Pre-Internship. (1-0-1) F, S. (Credit/No Credit) The pre-internship course will develop the student's ability to identify, select, and secure an internship position with a leisure service agency that will meet departmental objectives of the internship experience and the student's experience expectations. Prerequisite: REC 3550 or REC 3551 or permission of the instructor.

4275 REC Internship. (Arr.-Arr.-6) (Credit/No Credit) A field experience to include full-time assignment to an established recreation program. Prerequisite: REC 3550 or 3551.

4355 REC Documentation and Professional Practice in Therapeutic Recreation. (2-2-3) S-odd-numbered years. A course designed to expose students to methods and techniques used for assessing leisure and recreation needs and determining appropriate goals for individuals with disabilities. An integral part of this course is the field practicum required of all students. The practicum occurs at various settings in the Charleston area. Prerequisite: REC 2250 and 3250 or permission of the instructor.

4444 REC Honors Independent Study. (Arr.-Arr.-1) Consideration of special topics in leisure studies. Special emphasis on an area of interest to the student approved by the faculty supervisor and Departmental Honors Coordinator. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4600 REC Planning and Design of Leisure Facilities. (4-0-4) F, S. The course will provide students with an understanding of the major planning principles used in the design and development of park and recreation facilities. The relationships existing between human needs and environmental resources will be emphasized. Special consideration will be given to the role which accessibility should play in recreation resource design. Prerequisite: Complete Recreation Administration 1320, 1780, 2250, and 2290 or permission of instructor.

4644 REC Honors Thesis. (Arr.-Arr.-3) Intensive research in preparation of a thesis on a topic in leisure studies approved by the faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666 REC Honors Seminar. (Arr.-Arr.-3) Areas of investigation which require integration of leisure studies and research will be treated. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. May be taken twice.

4740 REC Research and Evaluation in Leisure Studies. (3-0-3) F, S. An introduction to the research process as it applies to the field of leisure services. Covers various forms of research but will emphasize applied research, especially program evaluation and feasibility issues. WI

4741 REC Independent Study. (Arr.-Arr.-1-6) Independent study may be undertaken for a number of projects such as: Positions working at a professional recreation agency, service projects for departmental and university organizations, surveys and research projects, research papers, and other investigative reports, reading and interpretation of literature in the field, and other student proposals. Credit is allowed from one to six semester hours with a maximum of three semester hours for any one project. Contact department chairperson for information.

Courses Open to Juniors, Seniors, and Graduate Students

4830 REC Administration of Leisure Services. (3-0-3) F, S. Exploration of philosophical viewpoints underlying a recreation program; criteria for evaluating the recreational potential of a community; administrative problems related to park and recreation programs. Prerequisite: Twelve semester hours of recreation class credit or permission of instructor. Field trip.

4850 REC Financial Practices for Leisure Service Agencies. (3-0-3) F, S. The investigation of the financial structures, resources, budget management and accounting procedures for public and private recreation agencies. WI

4950 REC Leisure and Aging. (3-0-3) S-odd-numbered years. Scope of the therapeutic recreation services available through private and public agencies; analysis of programs designed for persons with physical, emotional, intellectual or social disorders and handicaps. Practical experiences are provided.

For graduate courses, see the *Graduate Catalog*.

SECONDARY EDUCATION

Undergraduate Courses

2000 SED Inquiry Into Teaching. (1-2-1) F, S. An introduction to the expectations of the modern-day secondary education teacher, including the role of the teacher, moral, ethical, and legal expectations of teaching, and the

social and political context of schools and communities. Ethnographic research methods will also be introduced. Thirty clock hours of participation/observation are required. **SED 905; EED 904; SPE 914**

3000 SED. ISEP Level I (2-3-3) F, S. (Credit/No Credit) First course in a competency-based program integrating educational psychology, instructional methods, special education, and educational foundations; leading to secondary certification. Attaining skills from learning modules, public school contacts and clinical experiences. Prerequisite: SED 2000. WI

3100 SED. ISEP Level II. (2-3-3) F, S. (Credit/No Credit) Continuation of program leading to secondary certification. Integrating educational psychology, instructional methods, special education and educational foundations. Attaining skills from learning modules, public school contacts and practica experiences. Prerequisites: SED 2000; SED 3000. "University Admission to Teacher Education" requirements apply. WI

3330 SED. Instructional Tasks in the Secondary School. (3-2-3) F, S. Methods course that presents knowledge of the secondary school. Training in teaching regulations and standards of the state of IL, planning of instruction, teaching strategies, assessment techniques, classroom management, instructional adaptation, and material creation. Approximately 6 weeks of intensive practice work in the public schools. Prerequisites: SED 2000, "University Approval to Teacher Education" requirements; concurrent enrollment in EDP 3331. *Priority will be given to those students who are one year or less away from student teaching.

4000 SED ISEP Level III. (Arr.-Arr.-3) F, S. (Credit/No Credit.) Final course leading to secondary certification, to be taken in conjunction with student teaching. Integrates educational psychology, instructional methods, special education, and educational foundations. Prerequisites: SED 3100 and departmental methods course(s). Concurrent enrollment with STG 4001 is required. This course is delivered on line. WI

4741 SED Independent Study. (Arr.-Arr.-1-3) May be repeated for a total of six semester hours of credit. Prerequisite: Permission of the Department chairperson.

Courses Open to Juniors, Seniors, and Graduate Students

4751 SED Strategies of Adult Instruction. (3-0-3) Methods, techniques, and devices in adult education, developing action-oriented learning situations, programmed instruction, developing appropriate materials and evaluating the outcome of courses.

4780 SED Studies in Education. (3-0-3) On Demand. Problems in education, student activities, curriculum, guidance, and evaluation. Each student is assigned an individual problem. Prerequisite: Eight semester hours in education and psychology.

4790 SED Studies in Education. (2-0-2) On Demand. Problems in education, student activities, curriculum, guidance, and evaluation. Each student is assigned an individual problem. Prerequisite: Eight semester hours in education and psychology.

4800 SED Studies in Education. (1-0-1) On Demand. Problems in education, student activities, curriculum, guidance, and evaluation. Each student is assigned an individual problem. Prerequisite: Eight semester hours in education and psychology.

4850 SED Seminar and Field Experiences in Adult Education. (2-6-4) A supervised experience in an adult educational operation which will allow the student to apply his/her skills and training to teaching adults. A follow-up of these experiences and other specific areas and topics will be given further study through readings, reports, and group discussions. Prerequisite: SED 4751, approval by the department chairperson and acceptance by a cooperating adult education organization.

SENIOR SEMINAR

(To be taken after the student has completed 75 semester hours.)

Senior seminars are offered in a number of subjects and disciplines each semester, each one organized around a particular subject/issue important to contemporary society. Each seminar is listed by title and instructor in the schedule of courses during registration each semester. The student must successfully complete a seminar outside of his or her major.

The Senior Seminar at Eastern Illinois University is designed to be a cross-disciplinary culminating experience that will provide students with an opportunity to apply concepts and use skills developed in both their general education and major courses. Information about topics of major importance, e.g., the Holocaust, Social Movements, Women in Science, Technology, Controversies in Education, Sociobiology, etc. will be read, analyzed, discussed, and written about in a three semester-hour seminar led by a faculty member of a discipline different from those of the students. To allow ample

time for writing and discussion, senior seminars will be limited to a maximum of 25 students. As an element of the general education curriculum, each senior seminar shall focus on some aspect of citizenship. As the capstone course to the general education curriculum, each senior seminar will incorporate assessment activities into the course; these activities may include tests, surveys, and other instruments.

4100G EIU Folklore, Culture, and Society. (3-0-3) Through a comparative examination of various folk groups and genres, this course will address the ways in which folklore contributes to the beliefs, traditions, and behaviors of individuals and societies. Special attention will be paid to contemporary folklore research and its relevance to the study and understanding of modern societies. English majors are excluded. Prerequisite: Completion of 75 semester hours. WI

4101G EIU Spaceship Earth: The Present State. (3-0-3) A holistic discussion of the planet Earth's potentials and limitations. Debate of the interrelationships and interactions between exponential growth of population, industry, pollution and nuclear wastes, exponential depletion of natural resources and the possible future consequences of this growth. Biological Science and Geology majors are excluded. Prerequisite: Completion of 75 semester hours. WI

4102G EIU Technology and Society. (3-0-3) A dialogue on contemporary problems influenced by technological advantage. Emphasis will be placed on analysis of key issues facing the world during the next 25 years. Special attention will be given to the impact and implications of technology on social/cultural and economic systems. Majors in Industrial Technology and Career and Technical Education with a Technology Education emphasis are excluded. Prerequisite: Completion of 75 semester hours. WI

4103G EIU Physical Activity and Mental Wellness. (3-0-3) Various theories and psychological constructs will be examined in this course to determine the impact of exercise upon an individual's behavior, mood, personality, motivation, and psychological well-being. Students will be given the opportunity to examine the role of exercise in improving mental wellness and how psychosocial benefits can shape physical activity interventions. Physical Education majors are excluded. Prerequisite: Completion of 75 semester hours. WI

4104G EIU World Film: Language and Culture in Film. (3-0-3) This course will examine foreign film as a unique art form that strongly reflects the culture of its country of origin. Equal attention will be paid to film's cross-cultural and interdisciplinary nature. The influence of foreign film on and by Hollywood will be compared. Foreign Language majors are excluded. Prerequisite: Completion of 75 semester hours. WI

4105G EIU Controversial Issues in Education. (3-0-3) Educational questions regarding purposes, methods, and governance have been hotly debated for centuries. This seminar will examine current controversies in education. Majors in Teacher certification programs are excluded. Prerequisite: Completion of 75 semester hours. WI

4106G EIU War Stories. (3-0-3) S. A study of selected war literature in light of the history of armaments and warfare. An inquiry into the roots of war and the ways armed combat has shaped politics, culture, and ethics will provide the context for close study and appreciation of works by Homer, Shakespeare, Remarque, Hemingway, and others. Majors in English are excluded. Prerequisite: Completion of 75 semester hours. WI

4107G EIU The Idea of a University: Yesterday and Today. (3-0-3) Through a close examination of one classic text, *The Idea of a University* by John Henry Newman, and five critical responses, this course will consider issues Newman raised in 1852: the place of religion and moral values in the educational setting, the competing claims of liberal and professional education, the character of an academic community, the cultural role of literature, and the relation of religion and science, all of which remain relevant today. No majors are excluded. Prerequisite: Completion of 75 semester hours. WI

4108G EIU The Changing World of Women. (3-0-3) This course examines historical perspectives on a variety of women's issues. In a time of gender role flux, where roles are no longer clearly defined by sex, it is necessary to examine these changes and how they have impacted women and the world around them. No majors are excluded. Prerequisite: Completion of 75 semester hours. WI

4109G EIU The Politics of Human Rights. (3-0-3) A discussion and analysis of selected human rights problems, with emphasis on the ways in which government action affects the protection and promotion of these rights. Majors in Political Science are excluded. Prerequisite: Completion of 75 semester hours. WI

4110G EIU Frontiers of Communication (3-0-3) On Demand. A study of several controversial forms of communication. Topics will include animal communication, paranormal communication in humans, and the nature and manipulation of rumor, gossip, and "grapevine" systems. Majors in

Communication Studies are excluded. Prerequisite: Completion of 75 semester hours. WI

4111G EIU Plants and Civilizations. (3-0-3) A discussion of the role of plants in the origin and development of human civilization including hunters and gatherers, agricultural origins, plants and plant products which changed history, plant domestication and cultivation, the green revolution, and plants in the environment. Biological Sciences majors are excluded. Prerequisite: semester hours. WI

4112G EIU Women and Technology. (3-0-3) A dialogue on the relationship between women and technology during the past, present, and into the future. Key issues which have affected the mobility of women into technical occupational fields will be studied. Projection will be made for the next decade. Majors in Industrial Technology are excluded. Prerequisite: Completion of 75 semester hours. WI

4113G EIU The European Union: A Multi-cultural Approach. (3-0-3) On Demand. Through an investigation of EU websites, the course introduces students to the unique aspects of the individual EU member countries, such as culture, language, and educational policies, and demonstrates how the countries relate to one another in spite or because of their differences. Foreign Language majors are excluded from this course. Prerequisite: Completion of 75 semester hours. WI

4118G EIU Sociobiology: The Biological Origins of Social Practices. (3-0-3) On Demand. An investigation of the biological origins of certain forms of behaviors common to animals including humans. Reproductive behavior will be used as the model for the study of how natural selection determines some human behavioral patterns. Majors in Biological Sciences are excluded. Prerequisite: Completion of 75 semester hours. WI

4121G EIU Leisure Time: The American Perspective. (3-0-3) Leisure is recognized as a basic component of the American lifestyle. Leisure is studied by psychologists, sociologists, economists, physicians, professional educators, and the business community. This course explores the nature of leisure time from these perspectives. Recreation Administration and Physical Education majors are excluded. Prerequisite: Completion of 75 semester hours. WI

4123G EIU Social Movements, Crowds, and Violence. (3-0-3) S, Su. A theoretical and empirical assessment of the origins, participation, development, tactics, and consequences of recent social movements. Crowd behavior and violence will be specifically included as they relate to social movements. Sociology majors are excluded. Prerequisite: Completion of 75 semester hours. WI

4125G EIU Cultural Diversity in the United States. (3-0-3) Su. This course will examine the development of the multicultural nature of the United States. Special attention will be given to the assimilation process and the struggle to achieve social, political and economic equality while maintaining cultural traditions and identities. Foreign Languages majors are excluded. Prerequisite: Completion of 75 semester hours. WI

4126G EIU Body, Health, and Society (3-0-3) F, S. An exploration of the interdisciplinary field of body studies, with an emphasis on the health impact of gender, ethnic, class, aging, and sexual orientation images in contemporary society. Health Studies majors are excluded. Prerequisite: Completion of 75 semester hours. WI

4128G EIU Politics and Popular Culture (3-0-3) On Demand. This course examines the relationship between politics and popular culture and focuses on how politics and culture interact. Students will examine how various media including music, television, film, and the Internet influence and reflect political behavior and institutions. Majors in Political Science are excluded. Prerequisite: Completion of 75 semester hours. WI

4129G EIU Law and Technology (3-0-3) On Demand. An examination of how new technology drives change in the law focusing on analysis of court cases, legislation, and readings. Areas of study include patents, copyrights, trade secrets, biotechnology, bioengineered medicine, biochemistry, telecommunications, and the Internet. Pre-law minors are excluded. Prerequisite: Completion of 75 semester hours. WI

4131G EIU Modern Biomedical Science: Promise and Problems. (3-0-3) On Demand. An examination of selected advances in modern biomedical science. The unforeseen consequences to society will be emphasized along with the science behind medical techniques and treatments. Majors in Biological Sciences are excluded. Prerequisite: Completion of 75 semester hours. WI

4142G EIU Telecommunication Issues in the Third Millennium (3-0-3) On Demand. A panoramic view of media in the 21st century and its effects on hi-tech society. The effects of media on politics, advertising, violence, sports and national security will be discussed and debated. Discussion will also center on the possible effects of media on the new information society. Majors in

Communication Studies are excluded. Prerequisite: Completion of 75 semester hours. WI

4151G EIU Nutritional Dilemmas and Decisions. (3-0-3) Through a comprehensive approach, this course will examine the relationship of food and nutrition to multi-cultural practices, origins of food preparation and consumption habits, dietary trends, individual dietary intake, quality of life, and disease incidence. Family and Consumer Science majors are excluded. Prerequisite: Completion of 75 semester hours. WI

4155G EIU The European Witchhunts. (3-0-3) Through a study of the events and circumstances surrounding the European Witchhunts, this course will explore the roles that misogyny, social dislocation, economic crisis, religious belief, and challenges to authority played in the age of intolerance that resulted in the execution of many thousands of women and men. History majors are excluded. Prerequisite: Completion of 75 semester hours. WI

4157G EIU Impact of Communication Disorders: Adjusting to Cultural Demands. (3-0-3) On Demand. The verbal demands of the modern media-based society impact an individual's social, emotional, educational, and vocational prospects. Students explore and experience the limitations imposed by various deficits in communication. Prerequisites: Completion of 75 hours; Majors in Communication Disorders & Sciences are excluded. WI

4158G EIU Freedom of Expression: Dissent, Hate, and Heresy. (3-0-3) On Demand. Examination of history, philosophy, theory, legal rights, constraints and ethical responsibilities regarding free expression. This civil liberty will be considered in the context of its application to and effect on different societal groups based on social and political status, gender and race. Journalism majors are excluded. Prerequisite: Completion of 75 semester hours. WI

4160G EIU Personal Financial Investments (3-0-3) On Demand. An examination of securities, markets, investment techniques and opportunities for individuals. Topics include stocks, bonds, mutual funds, insurance, and portfolio management. Business majors and students who have earned credit in BUS 2710 or BUS 3710 are excluded. Prerequisite: Completion of 75 semester hours. WI

4161G EIU Theatre as a Soapbox. (3-0-3) S, Su. A discussion-centered examination of ways playwrights have used theatre as a vehicle for expression to enact change. Attention will be given to theatre as a forum to vent controversial social issues. Theatre Arts majors and English majors are excluded. Prerequisite: Completion of 75 semester hours. WI

4162G EIU Women's Voices: Women in the Theatre. (3-0-3) S, Su. A discussion course that examines the contributions of women to the theatre and the effect those contributions have had on society in general. Attention will be given to the political/ social concerns expressed in the dramatic literature. Theatre majors and English majors are excluded. Prerequisite: Completion of 75 semester hours. WI

4165G EIU Journalistic Media in Society. (3-0-3) On Demand. Identification and assessment of effects of interrelationship between journalistic media and social, cultural, political, economic, and technological systems and processes in the context of the media's major societal roles. Journalism majors are excluded. Prerequisite: Completion of 75 semester hours. WI

4167G EIU The Meaning of Life. (3-0-3) Su. A study of various answers to questions concerning the ultimate value and meaning of human life. The course examines three different approaches to the question of the meaning of life: the theistic approach, the non-theistic approach and the approach that questions the meaningfulness of the question. Philosophy majors are excluded. Prerequisite: Completion of 75 semester hours. WI

4168G EIU The Internet as a Social Phenomenon. (3-0-3) This course examines the Internet as a social phenomenon. Discussion will center on the issues surrounding the Internet and its impact on lives in the information age. (This is not a laboratory experience.) Management Information Systems majors are excluded. Prerequisite: Completion of 75 semester hours. WI

4169G EIU Women in Science. (3-0-3) On Demand. The course examines the lives and accomplishments of women in science throughout history. Special attention is paid to the current issues confronting women in science and historical events that have contributed to the current situation. Biological Sciences majors are excluded. Prerequisite: Completion of 75 semester hours. WI

4170G EIU History on Film. (3-0-3) Through an investigation of the problems with and possibilities of cinematic depictions of the historical past, this course will explore the ways in which film uses historical images to project social ideals. Special attention will be placed on developing a method by which to critique the historicity of historical films. History majors are excluded. Prerequisite: Completion of 75 semester hours. WI

4171G EIU. History of Graphic Narratives. (3-0-3) F-odd-numbered-years. A survey of narrative art, which explores the history, production, theory and

reception of graphic narratives from cave paintings to graphic novels. Special attention will be given to the social, cultural and aesthetic aspects of narrative art. Prerequisites: Art Majors are excluded. WI

4190G EIU Spaceship Earth: The Present State, Honors. (4-0-4) F, S, Su. The course will be a science-based, holistic discussion of the Earth's problems, potentials, and limitations. Topics will include population and its control, resource management, pollution, the relationship of religions and rights on a multinational to individual scale, and other appropriate current global topics. Biological Sciences and Geology majors are excluded. Prerequisite: 75 semester hours completed and admission to University Honors College. WI

4191G EIU Leisure Time: The American Perspective, Honors. (4-0-4) Leisure is recognized as a basic component of the American lifestyle. Leisure is studied by psychologists, sociologists, economists, physicians, professional educators, and the business community. This course explores the nature of leisure time from these perspectives. Prerequisite: Completion of 75 hours. Admission to the University Honors College. Recreation Administration and Physical Education majors are excluded. WI

4192G EIU Film and Contemporary Society, Honors (4-0-4) F, S. A study of the theory, aesthetics, history, and cultural contexts of film, concentrating on the relationships among film, literature, popular culture, music, and the plastic arts. Students will explore the ways in which we read film and culture from around the world, and the ways in which we write about film. English majors are excluded. Prerequisite: Completion of 75 semester hours. WI

4193G EIU The Holocaust, Honors. (4-0-4) F, S. An examination of the Holocaust from 1933-1945. This course will examine the many factors (including intellectual, political, legal, and economic changes) that resulted in the institutionalized destruction of European Jewry. History majors are excluded. Prerequisite: Completion of 75 semester hours. Admission to University Honors College. WI

4194G EIU Leadership: Theory and Practice, Honors. (4-0-4) F, S. An interdisciplinary approach to the definitions, theories, rhetoric, and styles of leadership practiced in contemporary cultures. The short- and long-term effectiveness of global, national, and local leaders will be studied and evaluated as students develop their own leadership goals. Prerequisite: Completion of 75 semester hours. Admission to the University Honors College. WI

4195G EIU The European Witchhunts, Honors. (4-0-4) F, S. Through a study of the events and circumstances surrounding the European Witchhunts, this course will explore the roles that misogyny, social dislocation, economic crisis, religious belief, and challenges to authority played in the age of intolerance that resulted in the execution of many thousands of women and men. History majors are excluded. Prerequisite: Completion of 75 semester hours. Admission to University Honors College. WI

4196G EIU Journalistic Media in Society, Honors. (4-0-4) On Demand. Identification and assessment of effects of interrelationship between journalistic media and social, cultural, political, economic and technological systems and processes in the context of the media's major societal roles. Particular attention will be given to media's changing and evolving impact on society and groups within society. Prerequisite: Completion of 75 semester hours. Admission to University Honors College. Journalism majors are excluded. WI

4197G EIU Freedom of Expression: Dissent, Hate, and Heresy, Honors. (4-0-4) On Demand. Examination of history, philosophy, theory, legal rights, constraints and ethical responsibilities regarding free expression. This civil liberty will be considered in the context of its application to and effect on different societal groups based on social and political status, gender and race. Prerequisite: Completion of 75 semester hours. Admission to University Honors College. Journalism majors are excluded. WI

4199G EIU The Politics of Human Rights, Honors. (4-0-4) On Demand. A discussion and analysis of selected human rights problems, with emphasis on the ways in which government action affects the protection and promotion of these rights. Majors in Political Science are excluded. WI

4290G EIU Plants and Civilization, Honors. (4-0-4) A discussion of the role of plants in the origin and development of human civilization including hunters and gatherers, agricultural origins, plants and plant products which changed history, plant domestication and cultivation, the green revolution, and plants in the environment. Biological Sciences majors are excluded. Prerequisites: Completion of 75 semester hours and admission to University Honors College. WI

SOCIAL SCIENCE

Undergraduate Courses

3400 SOS Methods and Materials in the Social Studies in the Secondary School. (3-1-3) F, S. Aims and goals of social studies teaching; nature and

scope of social studies materials; methods used in teaching the social studies, including those employing instructional technology. Thirty clock hours in clinical experiences are required. This course is designed to meet the needs of students who will receive Social Science Teaching Certification. Prerequisite: SED 3330 and EDP 3331; for ISEP students, SED 3000 and SED 3100; for Middle Level Education majors, MLE 3110.

SOCIOLOGY

Undergraduate Courses

2710G SOC Introductory Sociology. (3-0-3) F, S. Scientific description of the regularities and patterns of behavior that characterize our society and the larger global environment. Sociological analyses of the social forces that affect our daily lives. **S7 900**

2721 SOC Social Stratification. (3-0-3) F, S. A descriptive and theoretical analysis of the issues of social inequities and social justice; a study of the problems created by differential status, power, and social mobility. Prerequisite: SOC 2710G.

2750G SOC Social Problems in Contemporary Society. (3-0-3) F, S. Sociological considerations of the historical development, definitions and nature of social problems, ranging from the global to the interpersonal, and grounded within theoretical frameworks. **S7 901; SOC 911**

2761 SOC Introduction to Criminology. (3-0-3) F, S. A survey of major sociological explanations for criminal behavior and factors affecting who is criminalized. Topics include threats to society from street to "suite" (white collar and political) crimes. Prerequisite: SOC 2710G. **CRJ 912**

2780 SOC The Sociology of Deviant Behavior. (3-0-3) F, S. Historical and structural analysis of changing notions of definition, etiology and treatment of deviant behavior. Contemporary theory and research will be employed to illustrate recent trends and political consequences of such trends. **SOC 915**

2820 SOC. Sociology of Education (3-0-3) S. A sociological analysis of education as a distinct social institution with an emphasis on the complex organizational structure, the relationship between the educational system and the individual, as well as other social institutions, and the process of social change as it applies to the system of education. Course may not be repeated.

2830 SOC Family and Society. (3-0-3) F, S. Background of the modern family; the impact of culture and social change; personality factors involved in marriage; family disorganization. **S7 902; SOC 912 WI**

2840 SOC Racial and Cultural Minorities. (3-0-3) On Demand. The causes and consequences of prejudice and discrimination; the effects of majority and minority status for intergroup relations. Prerequisite: SOC 2710G. **SOC 913**

2850 SOC Classical Social Theory. (3-0-3) F, S. The development of sociological thought will be traced from the earliest dialogues of social theory through the founders of the discipline. Special focus will be placed on a selection of primary contributors to classical sociological theory. Prerequisite: SOC 2710G.

2890G SOC Social Problems in Contemporary Society, Honors. (3-0-3) On Demand. Sociological analysis of the historical development, definitions, and nature of social problems, grounded within theoretical frameworks. Prerequisite: Admission to the University Honors College. **S7 901 WI**

3000 SOC Sociology of Sport. (3-0-3) F. Application of sociological theories and empirical research findings to sport, and its socio-cultural context. Focus on the functions of various forms of these activities for society, and controversies regarding their legitimacy. Cross-cultural, comparative examples are used.

3100 SOC Global Threats and Problems. (3-0-3) S. An interdisciplinary study of current global problems. Four different social scientific approaches will be used to analyze complex questions regarding the survival of humanity given current threats to our environments, cultures, geopolitical affiliations, and socioeconomic structures. Topics may include famine, terrorism, information control, and disease, among others. Course may not be repeated. Cross-listed with CSC/ECN/GEG/PLS 3100.

3250 SOC Contemporary Social Theory (3-0-3) F, S. This course will build on the foundation of classical theory to focus on the construction and application of the major contemporary theories used in current social research. There is a special focus on theory application to other coursework in the major. Prerequisite: SOC 2850. WI

3290 SOC Contemporary Social Theory, Honors. (3-0-3) On Demand. This course will build on the foundation of classical theory to focus on the construction and application of the major contemporary theories used in current social research. There is a special focus on theory application to other coursework in the major and an honors thesis topic. Prerequisite: SOC 2850.

Course may not be repeated. Course restricted to Honors Sociology majors. Equivalent course: SOC 3250. WI

3600 SOC Introduction to Social Work. (3-0-3) F, S. A survey of principles, techniques, and fields of social work. Prerequisite: SOC 2710G. **SW911**

3610 SOC Statistical Analysis of Social Data (3-2-4) F, S. Survey of statistical techniques used to summarize and describe the quantitative characteristics of social research. The course includes both descriptive and inferential statistics, using statistical software to analyze data.

3620 SOC Research Methods for Collecting Social Data. (3-0-3) F, S. Surveys social scientific methods developed to collect data in human populations. Stresses importance of problem formulation, research design, and interpretation. Prerequisite: SOC 2710G. WI

3622 SOC Population. (3-0-3) F. A descriptive and theoretical analysis of the dynamics of population with emphasis on population trends. Prerequisite: SOC 2710G.

3650 SOC Social Psychology. (3-0-3) F, S. This course focuses on sociological social psychology, that is, how two or more persons fit their behaviors together in cooperation, in competition, and in conflict. The course provides a survey of research on the self, interpersonal and small group behavior, and collective action and social movements. Prerequisite: SOC 2710G.

3660 SOC Social Organization. (3-0-3) F. Analysis of the elements of social organization with an emphasis on complex organizations associated with urbanization and the development of large scale systems. Prerequisite: SOC 2710G.

3691 SOC Social Statistics, Honors. (3-1-4) On Demand. Survey of statistical techniques used to summarize and describe the quantitative characteristics of social research. The course includes both descriptive and inferential statistics, using software to analyze survey data, collected by U.S. Government and/or other organizations. Prerequisite: SOC 2710. Course may not be repeated. Course restricted to Honors Sociology majors. Equivalent Course: SOC 3610.

3692 SOC Research Methods for Collecting Social Data, Honors. (3-0-3) On Demand. Surveys social scientific methods developed to collect data in human populations. Stresses importance of problem formulation, research design, and interpretation. Prerequisite: SOC 2710G. Course may not be repeated. Course restricted to Honors Sociology majors. Equivalent Course: SOC 3620. WI

3750 SOC Social Change. (3-0-3) On Demand. Consideration of both historical and contemporary theoretical and applied means by which social structure is modified. Cross-cultural examples will be used extensively. Prerequisite: SOC 2710G.

3770 SOC Sociological Analysis of Crime and Criminal Justice System. (3-0-3) S. An advanced study of social-psychological factors of crime and the adult offender, vis-à-vis the Criminal Justice system; i.e., apprehension, adjudication, treatment and prevention practices. Prerequisite: SOC 2710G, 2761 or permission of the instructor.

3780 SOC Policing Society: A Sociological Analysis. (3-0-3) F. A study of police roles, subculture, and organizational structure as well as a critical look at how police behavior enacts the democratic dilemma of balancing social order with individual freedoms. Prerequisite: SOC 2710 and 2761.

3801 SOC Rural Sociology. (3-0-3) On Demand. Study of patterns of land settlement, social interaction, social structure and function, and social problems unique to the rural way of life. Prerequisite: SOC 2710G.

3820 SOC Environmental Sociology. (3-0-3) F. Examines the interrelations between the natural environment, social organization, and social behavior. Attention is directed at both the social causes of and social responses to various environmental problems. Prerequisite: SOC 2710G or permission of the instructor.

3900 SOC Political Sociology. (3-0-3) On Demand. Sociological analysis of the political systems of contemporary nation-states utilizing the concepts and theories relevant to this sub-field of sociology, with special emphasis on the distribution of power in contemporary societies. Prerequisite: SOC 2710G or permission of the instructor.

3903 SOC Gender Roles and Social Change. (3-0-3) S. A sociological study of women's roles, the development of female and male roles and problems of men and women in the changing socio-cultural environment of the modern world. SOC 914 WI

3970 SOC Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4000 SOC Sociology of Work and Occupations. (3-0-3) S. Sociological analyses of social and technical relationships in the production system. Work and new technology. Work and gender. Bureaucracy and professionalism. Conflicts in the workplace and efforts to cope with them. Prerequisite: SOC 2710G.

4010 SOC Sociology of Science and Knowledge. (3-0-3) On Demand. Analysis of the social foundations of science and knowledge and the impact of science on other social institutions. Prerequisite: Junior-senior standing; minimum of 12 hours of sociology course work, including SOC 2710G (or permission of the instructor).

4240 SOC Sociology of Disasters. (3-0-3) On Demand. Introduces critical theoretical and methodological approaches in the sociological study of disasters. Examines human preparedness and response to disaster events, issues of social stratification and inequality, and social forces that influence vulnerability and social policy. Prerequisite: SOC 2710G or permission of the instructor.

4275 SOC Internship in Sociology. (Arr.-Arr.-1-12) (Credit/No Credit) Experience in an agency or organization. The course will be offered on a credit/no credit basis; however, the total hours must not exceed 12 hours including courses taken in any other internship offered by the University. Prerequisite: Permission of the Internship Coordinator, acceptance of the student by the agency or organization involved, a cumulative GPA of 2.50, a minimum of 75 hours of course work completed, and a minimum grade of C in either SOC 3660 or 4000.

4400 SOC Independent Study. (Arr.-Arr.-1-3) Individual study of a topic of the student's choice under the direction of a faculty member. The student must submit and receive approval of a detailed study plan prior to central registration. This course may be repeated for a total of not more than six semester hours of credit. Prerequisite: Fifteen semester hours of sociology and a cumulative GPA of 3.0 or better or permission of instructor.

4444 SOC. Honors Independent Study. (Arr.-Arr. 1-3) On Demand. Consideration of special topics in sociology, using secondary sources. Special emphasis on an area of interest to the student who must submit a detailed study proposal to be approved by faculty supervisor and Departmental Honors Coordinator, prior to registration. The product may be applied to SOC 4644, Honors Thesis. Prerequisites: Admission to Departmental Honors Program, permission of Departmental Honors Coordinator, and completion of a minimum of 15 hours of sociology. Course may be repeated for a maximum of 3 hours. Course restricted to Sociology majors. Equivalent course: SOC 4400. WI

4555 SOC. Honors Research. (Arr.-Arr. 3) On Demand. In consultation with a faculty supervisor, the student designs, executes, and writes the results of an original piece of research using primary data. Any research methodology may be employed. The student must submit a detailed study proposal to be approved by the faculty supervisor and the Departmental Honors Coordinator prior to registration. The product may be applied to SOC 4644, Honors Thesis. Prerequisites: Admission to Departmental Honors Program, permission of Departmental Honors Coordinator, completion of SOC 4444, one of the honors core courses (SOC 3920 or SOC 3291 or SOC 3292), one of the non-honors core courses (SOC 3250 or SOC 3610 or SOC 3620), and completion of a total minimum of 18 hours of sociology. Course may not be repeated. Course restricted to Sociology majors. WI

4644 SOC. Sociology Honors Thesis. (Arr.-Arr. 3) On Demand. Preparation of a written thesis on a topic in sociology approved by faculty supervisor and Departmental Honors Coordinator prior to registration. Prerequisites: Admission to Departmental Honors Program, permission of Departmental Honors Coordinator, completion of SOC 4555, one of the honors core courses (SOC 3920 or SOC 3291 or SOC 3292), two of the non-honors core courses (SOC 3250 or SOC 3610 or SOC 3620), and completion of a total minimum of 30 hours of sociology. Course may not be repeated. Course restricted to Sociology majors. WI

4700 SOC Dynamics of Collective Behavior. (3-0-3) S. Analysis of transitory phenomena, including publics, audiences, crowds, mobs, riots, and social movements. Prerequisite: SOC 2710G.

Courses Open to Juniors, Seniors, and Graduate Students

4750 SOC Sociological Analysis of Juvenile Delinquency. (3-0-3) S. Advanced study of theories of etiology, treatment and prevention. Prerequisite: SOC 2710G, 2761 or permission of the instructor.

4790 SOC The Correctional Process: A Sociological Analysis. (3-0-3) S. Provides an understanding of the entire field of correctional systems in terms of its official objectives, its actual effects and effectiveness, including special focus on experimental programs. Prerequisite: SOC 2710G and 2761.

4800 SOC Sociological Aspects of Gerontology. (3-0-3) On Demand. Review of current gerontological theories and research; consideration of structural and functional aspects of the social order as related to the aging process. Prerequisite: SOC 2710G or permission of instructor.

4820 SOC Sociology of Health and Health Care. (3-0-3) S. This course provides a sociological analysis of health, illness, and health care systems. Substantive topics covered include the social distribution of health and illness, the illness experience, the socialization and development of health care workers, and the social organization of medicine. Prerequisite: SOC 2710G or permission of the instructor.

4900 SOC Current Issues in Sociology. (3-0-3) F, S. Analysis of selected current social problems. Restricted to majors in Sociology and Social Science. Prerequisites: SOC 3250, 3610, and 3620; senior standing or permission of the instructor

SPECIAL EDUCATION

Undergraduate Courses

2000 SPE Disabilities in the Context of Education and the Life Span. (2-0-2) F, S. Disabilities and the impact of the presence of a disability on the individual and the family or primary caregivers will be the focus of this course. Impacts on the educational process and within the social context across the life span will be addressed. A historical perspective of special education and awareness of related laws and legislation are also addressed. The relationship of special education to the organization and function of education agencies will be explored, including the impact of culture on the shaping of schools. Required of all Special Education majors. For individuals who have completed SPE 3000 Fall 2002 or earlier, SPE 2000 will be waived.

3000 SPE Education of Individuals with Exceptional Learning Needs. (3-0-3) This course examines the exceptional learning needs of individuals across levels of severity, and the laws, policies, and ethical principles governing the education of individuals with exceptional learning needs. Strategies that support student learning in the general and expanded curricula, and the educational programs designed to meet their needs in a range of instructional environments are addressed. Prerequisite: SPE 2000.

3100 SPE Learning Differences of Individuals with Moderate to Severe Exceptional Learning Needs. (3-1-3) F, S. A study of differential behaviors of individuals with moderate to severe exceptional learning needs, across the life span, including individuals with mental retardation, physical and orthopedic handicaps, other health impairments, traumatic brain injury, and autism. Historical perspectives, etiology, terminology, and educational programming are also addressed. Additional emphases include cultural competence, facilitating independence, family/community services and involvement, equal access and opportunity in a variety of employment and life style choices. Prerequisite(s): SPE 2000 and SPE 3000 or concurrent enrollment. Required of all Special Education majors completing SPE 3200, Fall 2002 or after.

3200 SPE Learning Differences of Individuals with Mild/Moderate Exceptional Learning Needs. (4-0-4) F, S. This course examines the differential behaviors (cognitive, language, motor, social and emotional) of individuals with exceptional learning needs. Learning disabilities, emotional disturbance/behavior disorders, mental retardation, and traumatic brain injury are addressed. Additionally, the impact that exceptional learning needs has on an individual's life and learning is discussed. Prerequisite: SPE 2000 and 3000 must be taken concurrently or as a prerequisite. SPE 3200 must be taken concurrently or as a prerequisite to 3201. Department requirements for enrollment must be met. WI

3201 SPE Observation of Individuals with Severe to Mild/Moderate Exceptional Learning Needs Across Severity Levels. (0-6-3) F, S. This course includes preclinical clock hours of observation of individuals with exceptional learning needs across levels of severity. Instruction in the use of systematic observation strategies is provided. On-site observations are rotated among a range of instructional environments; a field trip is required. Prerequisite: SPE 3200 or concurrent enrollment. Department requirements for enrollment must be met.

3220 SPE Behaviors of Young Children (Birth to 8) At Risk and with Exceptional Learning Needs. (3-2-3) F, S. This course is an overview of early childhood special education. Content includes: rationale/historical perspectives of early childhood special education, typical development, results of factors impacting development, and intervention issues/practices. A thirty-clock hour observation practicum with young children at risk and with exceptional learning needs is required. Prerequisite: or Co-requisite: SPE 3000. Department requirements for enrollment must be met.

3250 SPE Observation of Individuals With Exceptional Learning Needs: Learning Disabilities. (0-2-1) Su. Thirty clock hours of observations of behaviors of individuals identified as having a learning disability are required. Prerequisite: This course must be taken concurrently or subsequent to SPE 3200. Limited to practicing teachers seeking Special Education licensure.

3260 SPE Observation of Individuals with Exceptional Learning Needs: Mental Retardation/Developmental Delays. (0-2-1) Su. Thirty-clock hours of observations of behaviors of individuals identified as having mental retardation and/or developmental delays are required. Prerequisite: This course must be

taken concurrently or subsequent to SPE 3200. Limited to practicing teachers seeking Special Education licensure.

3270 SPE Observation of Individuals with Exceptional Learning Needs: Seriously Emotionally Disturbed/Behavior Disorders. (0-2-1) Su. Thirty-clock hours of observations of behaviors of individuals with serious emotional disturbance/behavior disorders are required. Prerequisite: This course must be taken concurrently or subsequent to SPE 3200. Limited to practicing teachers seeking Special Education licensure.

3500 SPE The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. (3-1-3) This course examines the exceptional learning needs of individuals across and enhancing their access to the general curriculum. The Individualized Education Program, its purpose, components, and relationship to the design of instruction are discussed. Strategies that support learning in the general and expanded curriculum to meet learning needs in the range of instructional environments are provided. This course has an independent performance activity component. Prerequisite: Junior standing. "University Admission to Teacher Education" requirements apply.

3600 SPE Behavioral Principles in Special Education. (2-2-3) F, S. This course examines behavioral theories of learning as used in Special Education and requires a practicum experience in which the principles of behavior analysis are directly applied in changing academic/social behavior of individuals with exceptional learning needs in school or community settings. Prerequisite: SPE 2000 and 3000 or concurrent enrollment in 3000. WI

3700 SPE Individualized Independence Curriculum and Materials. (3-2-3) F, S. A study of the curricular content and materials utilized in the planning and programming for individuals in the independence curriculum. A practicum experience is provided in which integration activities are conducted with individuals who have exceptional learning needs in public schools and/or community programs. Prerequisite: SPE 2000, 3000, and 3100 or concurrent enrollment.

3970 SPE Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4444 SPE Honors Independent Studies. (3) Consideration of special topics in special education. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4530 SPE Facilitating Language in Individuals with Exceptional Learning Needs. (3-0-3) F, S. Strategies for assessing and facilitating language development in individuals with exceptional learning needs across levels of severity, excluding visual impairments, are examined. Additional areas of emphasis include: instructional strategies for cultural and linguistic diversity, use of assistive devices, functional language assessment, and collaboration with families and other professionals. Prerequisite: SPE 3000 and CDS 2200. Permission of the department chairperson required for non-majors.

4600 SPE Community Services and Communication with Families of Learners with Exceptional Learning Needs. (3-1-3) F, S. This course addresses community services and agencies and the skills essential to communicating effectively with the families and/or guardians of individuals with exceptional learning needs. Particular emphasis is given to strategies to enhance home-school communication and family involvement in educational programming for individuals with exceptional learning needs. Prerequisite: Permission of the department chairperson required for non-majors.

4644 SPE Honors Thesis. (Arr.-Arr.-3) Intensive research in preparation of a thesis on a topic in special education approved by faculty supervisor and the Departmental Honors Coordinator. May not be repeated. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666 SPE Honors Seminar. (Arr.-Arr.-3) Areas of investigation which require integration of special education and research will be treated. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4700 SPE Individualized General Curriculum and Materials. (3-0-3) F, S. A study of curricular content and materials which provide and enhance access to the general curriculum for individuals with exceptional learning needs. Development and the role of the Individualized Education Program in curriculum development and material selection and development are significant components of this course. Prerequisite: SPE 2000, 3000, 3200 and 3201.

4720 SPE Instructional Materials and Activities for Young Children (Birth to 8) At Risk and with Exceptional Learning Needs. (3-0-3) F, S. Service delivery models/issues, working with families, teaming strategies, utilization of technology, IEP writing, and the selection, development, and adaptation of

instructional materials and activities for young children at risk and with exceptional learning needs are the focus of this course. Prerequisite: SPE 3000 and 3220 or permission of the Department Chairperson. Co-requisite: SPE 4820 or permission of the Department Chairperson.

4730 SPE Curriculum Adaptation and Consultation for Individuals With Exceptional Learning Needs. (3-2-3) F, S. Consultation skills essential to collaborate and facilitate adaptation of general and expanded curriculum for individuals with exceptional learning needs are the focus of this course. The process for designing, implementing, and evaluating the effectiveness of curriculum adaptations is also addressed. Prerequisite: SPE 3000, 3200 and 3201; SPE 4700 must be taken prior to or concurrently with this course.

4741 SPE Independent Study. (Arr.-Arr.-1-3) May be repeated for a total of six semester hours of credit. Prerequisite: Permission of the Department Chairperson.

Courses Open to Juniors, Seniors, and Graduate Students

4765 SPE Identification and Instructional Strategies: Individuals with Gifts and Talents. (3-1-3) On Demand. This course prepares teachers to identify individuals with gifts and talents. Modification of the general curriculum and instructional strategies for learners with gifts and talents are addressed. Prerequisite: SPE 2000 and 3000 and permission of department chairperson.

4800 SPE Diagnosis and Assessment of Learners with Exceptional Learning Needs. (3-2-4) This course examines formal and informal assessment as used to determine achievement of individuals with exceptional learning needs across severity levels. Selection, administration, scoring, and interpretation of formal and informal assessments for the purpose of identifying exceptional learning needs are also addressed. Supervised and evaluated administration and interpretation of diagnostic tests is integral to this course. Prerequisite: SPE 3000, 3200, 3201; 4700 must be taken prior to or concurrently with this course. WI

4820 SPE Assessment of Young Children (Birth to 8) With Exceptional Learning Needs. (3-1-3) F, S. This course addresses both formal and informal assessment of young children at risk and with exceptional learning needs across severity levels, excluding vision and hearing. Screening, observation strategies, the link between assessment and instruction, and writing formative and summative reports are also addressed. Practica provides observation of preschool screening and administration of norm referenced/criterion referenced assessments. Prerequisite: SPE 3000 and 3220 or permission of the department chairperson. Corequisite: SPE 4720 or permission of the department chairperson.

4900 SPE Instructional Strategies for Individuals with Exceptional Learning Needs. (6-0-6) F, S. General and specialized instructional strategies used with individuals with exceptional learning needs across severity levels, excluding vision and hearing, are presented. Effectively designing, implementing, and evaluating instruction/instructional plans tailored to the exceptional learning needs of the learner across a range of severity levels and instructional environments are addressed. Concurrent enrollment in SPE 4901 (practicum component) required. Prerequisite: SPE 4800. University Teacher Education requirements apply and department requirements for enrollment must be met.

4901 SPE Practicum with Individuals with Exceptional Learning Needs. (0-8-4) F, S. Provision of explicit instruction to students with exceptional learning needs in a supervised and evaluated practica; including the designing, implementing, and evaluating of individualized instruction/instructional plans. Specialized instructional strategies which support the learner in the general and expanded curricula are practiced in school settings. Prerequisite: SPE 4800. University Teacher Education requirements apply and department requirements for enrollment must be met. Concurrent enrollment in SPE 4900 required. WI

4920 SPE Instructional Strategies: Young Children (Birth through 8) at Risk and with Exceptional Learning Needs. (3-4-3) F, S. This course introduces and provides practice in techniques for planning, implementing, and evaluating effective intervention for young children with and at-risk for exceptional learning needs and their families. A sixty-hour teaching practicum is required. Prerequisite: SPE 4720 and 4820. University Teacher Education requirements apply and department requirements for enrollment must be met.

4925 SPE Communication Skills of Children (Birth to 8) At Risk and with Exceptional Learning Needs. (3-0-3) F, S. This course addresses strategies for assessment and instruction of verbal/nonverbal skills of young children ages birth to eight at risk and with exceptional learning needs across levels of severity, excluding visual impairment. Additional areas of emphasis include: cultural and linguistic diversity, assistive communication devices, and collaboration with families and Speech Language Pathologists. Prerequisite: SPE 3000, 3220, and CDS 2200, or permission of the Department Chairperson.

4950 SPE Instructional Strategies: Learning Disabilities. (3-1-3) Su. This course addresses instructional strategies and classroom management strategies appropriate to teaching individuals with learning disabilities;

including the designing, implementing, and evaluating of individualized instruction/instructional plans. Prerequisite: Students must have completed 26 semester hours in SPE (including SPE 3000, 3200, 3250, and 4800) and must have permission of the Department Chairperson to enroll.

4960 SPE Instructional Strategies: Mental Retardation/Developmental Disabilities. (3-1-3) Su. This course addresses instructional strategies and classroom management strategies appropriate to teaching individuals with mental retardation and/or developmental disabilities; including the designing, implementing, and evaluating of individualized instruction/instructional plans. Prerequisite: Students must have completed 26 semester hours in SPE (including SPE 3000, 3200, 3260 and 4800) and must have permission of department chairperson to enroll.

4970 SPE Instructional Strategies: Seriously Emotionally Disturbed/Behavior Disorders. (3-1-3) Su. This course addresses instructional strategies and classroom management strategies appropriate to teaching individuals with serious emotional disturbances/behavior disorders; including the designing, implementing, and evaluating of individualized instruction/instructional plans. Prerequisite: Students must have completed 26 semester hours in SPE (including SPE 3000, 3200, 3270 and 4800) and must have permission of Department Chairperson to enroll.

Graduate Courses

Courses numbered 5000-5499 inclusive may be taken by a senior whose grade-point average is 2.75 or higher, with permission of the instructor and the Dean of the Graduate School. Courses numbered 5500 and above are open to students who have been admitted to the Graduate School. For graduate courses, see the Graduate Catalog.

STRATEGIES FOR ACADEMIC SUCCESS

2919 EIU Strategies for Academic Success. (1-0-1) F, S. Enrollment required of students placed on academic warning for the first time. Topics will include self-assessment, goal-setting, time management, study skills, learning styles and motivation. Course may not be repeated. Does not count toward graduation.

STUDENT LEADERSHIP

Undergraduate Courses

3000 STL Student Leadership. (2-0-2) S. (Credit/No Credit) Open to beginning, intermediate and advanced leaders. A seminar in student leadership with emphasis on the development of leadership skills and the administration of EIU.

STUDENT TEACHING

Undergraduate Courses

3000 STG Preclinical Experience with Populations that are Culturally Diverse and Individuals with Disabilities. (1-2-1) (Credit/No Credit) This course will require students to observe in public school settings in which the populations served are culturally diverse and individuals with disabilities are served. Prerequisite: ELE/MLE 2000, ELE 2321 or SPE 3000. (Clinical fee required for this course.)

4000 STG Multicultural/Disabilities Practicum. (Arr.-Arr.-1) (Credit/No Credit) Twenty-five clock hours of direct participation in observation relative to populations with disabilities and those who are multicultural. Site must be approved. Required of students pursuing teacher licensure, except students in Communication Disorders and Sciences and students in ISEP.

4001 STG Student Teaching. (Arr.-Arr.-12, 14, 16) (Credit/No Credit) Students complete 15 weeks of student teaching for 14 semester hours of credit with the exception of Family and Consumer Sciences majors and ISEP students who complete 15 weeks of student teaching for 12 semester hours of credit. Special Education majors, Early Childhood Education majors, and Early Childhood Education majors with dual certification in Elementary Education complete 16 weeks of student teaching for 16 semester hours of credit. See your major department for specific requirements. Student Teaching may not commence until passing scores on the Illinois Basic Skills Test and the Illinois Content Area Test, specific to the major, are verified. Credit for student teaching is earned by successful completion of the student teaching experience, and completion of all departmental requirements which may apply.

STUDY ABROAD

Undergraduate Courses

3960 STA Study Abroad: EIU Exchange. (Arr.-Arr.-1-16) Enrollment in an international partner exchange program. Students pay tuition to EIU. Approval from the Office of Study Abroad is required.

3961 STA Study Abroad: EIU One-Way. (Arr.-Arr.-1-16) Enrollment in an international partner one-way program. Approval from the Office of Study Abroad is required.

3962 STA Study Abroad: Non-EIU Program. (Arr.-Arr.-1-16) Enrollment in an international non-EIU program until transfer credit is earned. A Petition for Program Approval and authorization from the Office of Study Abroad is required.

3970 STA Study Abroad: Faculty-Led. (Arr.-Arr.-1-16) Enrollment in a faculty-led study abroad program. Consists of a mix of lectures, exercises, excursions, and group time. Approval from the Office of Study Abroad is required.

3990 STA Study Abroad: Honors. (Arr.-Arr.-1-16) Enrollment of Honors College students in an Honors-specific study abroad of program. Approval from the Office of Study Abroad is required.

4275 STA Study Abroad: Internship. (Arr.-Arr.-1-16) Enrollment in an international internship program for credit. Approval from the Office of Study Abroad is required.

THEATRE ARTS

Undergraduate Courses

1133 THA Oral Interpretation. (3-3-3) F. Study of basic oral interpretation techniques which develop sensitivity and responsiveness to literature, enabling the student to communicate in performance the recreation of this literary experience to an audience. **TA 916**

1134 THA Stage Movement. (2-2-2) F. Intensive work in theatrical movement designed for individuals enrolled in acting. Students will increase their ability to orient their body in space within structured and guided experiences that utilize the concepts of movement theorists such as Laban, Sweigard and Alexander. **TA 916**

1144 THA Acting for Non-Majors. (3-3-3) F. Introduction to acting for the non-major; exercises in concentration, relaxation, imagination, observation, and sensory awareness; development of theatrical creativity through objectives, obstacles, action, conflict, and moment-to-moment spontaneity; culminates in the development of a scene for stage.

2000 THA Hands-On Theatre: Performance. (0-3-1) F, S. Practical acting experience in faculty-supervised Theatre Arts Department Mainstage or Studio productions or for significant participation in departmental student productions. Repeatable once for a maximum of two hours' credit.

2001 THA Hands-On Theatre: Costuming I. (0-3-1) F, S. This course gives students practical experience working with costumes on Mainstage or Studio productions. It is a requirement for Theatre Arts Majors, giving hands-on experience in the Costume Shop. It is also a prerequisite for further work in the Costume Shop. Prerequisite: THA 2210 or permission of the instructor.

2002 THA Hands-On Theatre: Scenic/Lighting I. (0-3-1) F, S. This course, a production/technical course for the Theatre Arts major, will serve as a requirement giving hands-on experience in the Scene and Light Shops. It is also the prerequisite for further shop work. Prerequisite: THA 2211 or permission of the instructor.

2003 THA Hands-On Theatre: Costuming II. (0-3-1) F, S. This course gives students practical experience working with costumes on Mainstage or Studio productions. It is a requirement for Theatre Arts Majors, giving more advanced hands-on experience in the Costume Shop. Prerequisite: THA 2001.

2004 THA Hands-On Theatre: Scenic/Lighting II. (0-3-1) F, S. This course, a production/technical course for the Theatre Arts major, will serve as a requirement giving hands-on experience in the Scene and Light Shops. It is also the prerequisite for further shop work. Prerequisite: THA 2002 or permission of the instructor. Repeatable once for a maximum of two hours' credit.

2005 THA Stage Makeup. (3-3-3) F. Fundamentals in design and use of stage theatrical makeup. Students will execute makeup designs using basic techniques and progressing to more challenging makeup styles. **TA 912**

2010G THA Arts Omnibus. (2-2-3) F, S. An experiential overview of the performing and visual arts, their inter-relatedness, their importance to an enhanced quality of life. Outside viewing assignments required. Credit will not be awarded for Art 2010 or MUS 2010G in addition to Theatre 2010G. **F9 900**

2012G THA Non-Western Theatre. (3-0-3) F, S. Theatre Arts from outside the European and North American traditions will be examined. Credit will not be awarded for Art 2012G in addition to Theatre 2012G. **WI**

2140G THA Introduction to the Theatre. (3-0-3) F, S. A general introduction to all aspects of theatre as a live performance and visual art. Outside viewing required. **F1 907**

2190G THA Introduction to the Theatre, Honors. (3-0-3) F, S. A general introduction to all aspects of theatre as a live performance and visual art. Outside viewing required. Prerequisite: Admission to the University Honors College. **F1 907 WI**

2210 THA Introduction to Costuming. (3-3-3) S. The basic techniques required for theatrical costume construction. Students will gain a basic working knowledge of the costume shop, including an understanding of patterns, fabric manipulation, and basic sewing skills. **TA 913**

2211 THA Stagecraft. (3-3-3) F. The basic techniques required for the construction, painting, rigging, and shifting of scenery with emphasis on safety and on standard backstage and scene shop organization and procedures. **TA 911**

2220 THA Theatre Seminar I. (1-1-1) S. An introductory seminar that focuses on the training and evaluation of the Theatre Arts major. This seminar is required of all new theatre majors, transfers, or current students changing their major to Theatre Arts.

2244 THA Basic Acting. (3-3-3) S. Beginning acting; basic skills and concepts of acting. Exploration of the actor's internal (psychological-emotional) resources through exercises, theatre games, discussions, and performance projects. Open only to theatre majors and minors. **TA 914**

2257 THA Graphics for the Performing Arts. (3-3-3) F. Concerned with the processes of drafting, perspective drawing and figure drawing as applicable to the areas of scenic design, lighting design and costume design for the theatre. Prerequisite: THA 2110, THA 2211, or permission of the instructor.

2258 THA Script Analysis. (3-0-3) F. This course is designed to teach the student how to analyze playscripts in terms of and in preparation for performance and production, regardless of theatrical specialization. The student will learn basic concepts and terminology associated with dramatic literature, examine several genres and their traits, and discover means of presenting the playwrights' ideas on the stage. Prerequisite: ENG 1001G, ENG 1002G. **H3 902 WI**

2281 THA Summer Theatre: Performance I. (Arr.-Arr.-3-6) Su. Practical, comprehensive experiences in performance in theatre arts. May substitute for THA 1144 or 2244 with permission of the instructor and department chair. A maximum of nine semester hours total from THA 2281 and 4810 may be counted toward graduation. Contact Theatre Arts Department for details concerning auditions and interviews.

2282 THA Summer Theatre: Tech I. (Arr.-Arr.-3-6) Su. Practical, comprehensive experiences in technical theatre arts. May substitute for THA 2210 and/or 2211 with permission of the instructor and department chair. A maximum of nine semester hours total from 2282 and 4811 may be counted toward graduation. Contact Theatre Arts Department for details concerning auditions and interviews.

3000 THA Hands-On Theatre: Advanced Performance. (0-3-1) F, S. Practical advanced performance (acting) experience in faculty-supervised Theatre Arts Department Mainstage or Studio productions or for significant participation in departmental student productions. Repeatable three times for a maximum of four hours' credit. Prerequisite: THA 2000, and either THA 1144 or THA 2244.

3001 THA Hands-On Theatre: Advanced Costuming. (0-3-1) F, S. This course gives students practical experience working with costumes on Mainstage or Studio productions. It is an elective for Theatre Arts Majors, giving more advanced hands-on experience in the Costume Shop. Repeatable 3 times for a total of 4 hours credit. Prerequisite: THA 2003.

3002 THA Hands-On Theatre: Advanced Scenic/Lighting. (0-3-1) F, S. This course, a production/technical course for the Theatre Arts major, will serve as an elective giving further practical experience in the Scene and Light Shops. Prerequisite: THA 2004 or permission of the instructor. Repeatable 3 times for a total of 4 credits.

3220 THA Theatre Seminar II. (1-1-1) F. An advanced seminar that focuses on final evaluation of the Theatre Arts majors with Junior/Senior standing or permission of the chair. Prerequisite: THA 1133, 1134, 2210, 2211, 2220, 2244, 2257 and 2258 or with departmental permission.

3257 THA Graphics II: Introduction to CAD FOR THE THEATRE. (3-3-3) S. This course, a technical course for the Theatre Arts major, will serve as a prerequisite to further design studies in certain areas of scene, lighting and costume design. A basic knowledge of Macintosh computers is helpful, but not required. Prerequisite: THA 2210, THA 2211, THA 2257 or permission of the instructor.

3333 THA Advanced Oral Interpretation. (3-3-3) S. Interpretation, adaptation, compilation and the directing of literature for performance in

traditional and experimental styles. Introduction to the aesthetics of interpreter's theatre. Prerequisite: THA 1133, 2258 or permission of the instructor.

3334 THA Performing Voice. (2-2-2) S. A continuation of the work begun in Basic Acting with a focus on vocal production. Emphasis on developing an audible, resonant voice; clear diction; and a relaxed and properly aligned body, all in the context of acting/performance. Prerequisite: THA 1134 and junior standing or permission of instructor.

3344 THA Scene and Character Study. (3-3-3) F-even-numbered years. A course in contemporary realistic scene and character study for the actor, based on terminology and concepts developed by C. Stanislavski. Students will prepare written character biographies and scene analyses, then perform scenes or monologues focusing on the character's inner belief, motivation, and goals. Prerequisite: THA 1134, 1133, 2244, 2258, or permission of the instructor.

3345 THA Topics in Acting. (3-3-3) S-odd-numbered years. This course is designed to prepare students for the demands of acting in film and television, non-realistic, period, or stylized productions. Styles may include film studies or techniques (for camera), non-western forms, the Greeks, Shakespeare, Comedy of Manners, Brecht, and/or the Absurdist. Prerequisite: THA 1133, 1134, 2244, 2258, or permission of the instructor. (Course may be repeated twice times, for a maximum of 9 hours credit.)

3346 THA Dialects. (3-3-3) F-odd-numbered years. This is a course that teaches students how to acquire an authentic-sounding dialect and how to utilize it convincingly in acting. Dialects may include British, Cockney, Irish, American regional, or a selection of these. Prerequisite: THA 2244, 2258, or 3334 or permission of instructor.

3347 THA Topics in Theatre Movement. (3-3-3) F. Topics in Theatre Movement introduces the student to various styles and skills of theatrical movement. Topic varies based on production needs within the department. Topics may include such subjects as Period Styles, Alexander Technique, Stage Combat, Musical Theatre, Improvisation, Mime, and Non-western styles. Course is repeatable for up to nine credit hours with permission of instructor. Prerequisite: Theatre 1134 or permission of the instructor.

3348 THA Auditioning. (3-3-3) S-even-numbered years. Auditioning is designed to provide the Theatre Arts student with a heightened knowledge of the audition experience and prepare the student for professional work through the accumulation of several viable performance-ready audition pieces and the development of various styles of resume. Prerequisite: THA 1134, 2244, 2258, or permission of the instructor.

3357 THA Scene Design. (3-3-3) F-even-numbered years. Consideration of the design sequence from analysis of the script to the composition of production drawings; practical experience. Prerequisite: THA 2257 or permission of the instructor.

3358 THA Design and History of Costume. (3-3-3) F-odd-numbered years. History of costume from the early Egyptians to 1900. Costume design for theatrical production. Prerequisite: THA 2257 or permission of the instructor.

3360 THA Stage Lighting. (3-3-3) S-odd-numbered years. Explores basic skills and techniques in lighting theatrical productions. Prerequisite: THA 2257, 3257, or permission of the instructor.

3361 THA Theatre Production Topics. (3-3-3) F, S. A production/technical course for the Theatre Arts Major. The course will function as an in-depth approach to design or management aspects of theatre production. Topic varies based on production/student needs within the department. As long as the topic is different, this course is repeatable up to nine credit hours. Prerequisite: THA 2005, 2210, 2211, 2257 and 2258 or permission of the instructor.

3400 THA Methods of Teaching Theatre in the Secondary School. (3-0-3) S. This course will demonstrate to students seeking Teacher Certification in Theatre the means to incorporate Theatrical material into a High or Middle School Curriculum. The student will also develop and teach a unit in Theatre Arts. Prerequisite: THA 1133, 2210, 2211, 1144 or 2244 and 2258.

3431 THA Children's Theatre Tour. (3-3-3) F. Introduces the student to the practical aspects of producing plays for young people. The focus of the course is on the development of a theatre piece which will then be presented to area students. Basic creative dramatics activities will be introduced. May be taken TWICE for credit.

3432 THA Creative Dramatics for the Classroom Teacher. (3-0-3) S-odd-numbered years. For students interested in working with children either in teaching or in recreational programs; gives the student the necessary skills to become a confident and successful drama leader. Prerequisite: ENG 1002G.

3434 THA Basic Theatrical Design. (3-3-3) S-even-numbered years. The designer's procedure from script analysis and concept to completed production

drawings. Exploration of design in terms of aesthetics, genre, production modes, and historical periods and styles in two or more of the three theatrical design areas (costumes, lighting, scenery). Prerequisite: THA 2210, 2211, 2220, 2257, 2258 or permission of instructor.

3445 THA Directing. (3-3-3) S. The study and actual production of the play. Central emphasis is placed on directing. Prerequisite: THA 2211, 2244, 2258 or permission of the instructor.

3500 THA Independent Study. (3-3-3) Problems in theatre arts in which the student works under the supervision of a staff member. Prerequisite: Permission of the instructor and the department chairperson. (course is repeatable one time for a maximum of 6 credit hours)

3751G THA Theatre History I. (3-0-3) F or Su as needed. Effects of social, political, religious and aesthetic forces upon the development of the theatre during pivotal moments in civilization, from the prehistoric era to the 17th Century. Attention given to the development of theatre as an art form. Prerequisite: ENG 1001G and ENG 1002G. WI

3752G THA Theatre History II. (3-0-3) S or Su as needed. This course will trace the evolution of the modern theatre beginning with the Restoration, moving through the Romantic movement, and ending with the emergence of the Modern Theatre at the end of the 19th and beginning of the 20th century. Students will examine the history, society and dramatic literature of the various movements. Prerequisite: ENG 1001G and ENG 1002G. WI

3753G THA Development of American Theatre and Drama. (3-0-3) F. Major themes in American civilization as seen through the 18th-20th Century American plays. Attention given to development of theatre as an art form and as a social-cultural force in the U.S. Focus is on reading and analyzing dramatic texts. Prerequisite: ENG 1001G and ENG 1002G.

3754G THA American Theatre on Film. (3-1-3) S. Analysis of significant American plays and film versions thereof. The object is to understand and appreciate similarities and differences between film and theatre as art and to gain insights into aspects of American society, as reflected in the works. Outside viewing assignments required. Prerequisite: ENG 1001G and ENG 1002G and sophomore-senior standing.

3755G THA African-American Theatre. (3-0-3) F. This course will trace the roots of the African-American Theatre movement to African ritual, its transfer to the United States, and eventual evolution into a dynamic movement from 1960 to the present. This course satisfies the Non-western component for Teacher Certification majors. Prerequisite: ENG 1001G and ENG 1002G.

3756 THA Twentieth Century Theatre. (3-0-3) S. Social, political, economic, philosophical, and artistic currents that shaped 20th century Western non-musical theatre, drama, and design. Attention given to defining moments and persons in the period. Prerequisite: ENG 1001G, ENG 1002G, THA 3752G. WI

3793G THA Development of American Theatre and Drama, Honors. (3-0-3) On Demand. Major themes and forces in American civilization as seen through the 18th-20th Century American plays. Attention given to development of theatre as an art form and as a social-cultural force in the U.S. Focus is on reading and analyzing dramatic texts. Prerequisite: Admission to the University Honors College, ENG 1091G, and ENG 1092G. WI

3970 THA Study Abroad. (Arr.-Arr.-1-15) See STA 3970.

4275 THA Theatre Internship. (Arr.-Arr.-1-6.) F, S, Su. (Credit/No Credit) On-the-job experience for Theatre Arts majors in an approved performance, technical/design, or business capacity in theatre or such allied areas as film, television, radio, theme park, etc. Purpose is to augment skills not usually available in the classroom setting. Prerequisite: THA arts major, senior level, approval of the Department Chair.

4400 THA Advanced Directing Studies. (3-3-3) F. Special problems in directing. Each student will be required to direct and produce a production for public performance. Repeatable once with permission for a maximum of six hours credit. Prerequisite: THA 2211, 2244, 2257, and 3445.

4444 THA Honors Independent Study. (3-0-3) Consideration of special topics in Theatre. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4550 THA Advanced Design Studies. (3-3-3) As needed. Problems in theatrical design (scenic, lighting, costume) in which a student works and studies under the supervision of a faculty member to produce a design for a particular theatrical production of the Theatre Arts Department. Repeatable up to two times, with permission, for a maximum of nine hours credit. Prerequisite: Permission of the instructor and the Department Chairperson plus completion of one design course.

4555 THA Honors Research. (3-0-3) In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Any methodology may be utilized. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4644 THA Honors Thesis. (3-0-3) Intensive research in preparation of a thesis on a topic in Theatre approved by faculty supervisor and the Departmental Honors Coordinator. May be taken twice for credit. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

4666 THA Honors Seminar. (3-0-3) Areas of investigation which require integration of Theatre Arts activities and research will be treated. Prerequisite: Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator.

Courses Open to Juniors, Seniors, and Graduate Students

4810 THA Summer Theatre: Performance II. (Arr.-Arr.-3-6) Su. Practical, comprehensive experiences in performance in theatre arts. May substitute, with permission of the instructor(s) and the departmental chair, for 3344, 3345, 3346, 3347, and/or 3431. A maximum of nine semester hours total from THA 2281 and 4810 may be counted toward graduation. Contact the Theatre Arts Department for details concerning auditions and interviews.

4811 THA Summer Theatre: Tech (Arr.-Arr.-3-6) Su. Practical, comprehensive experiences in technical theatre. May substitute, with permission of the instructor(s) and the departmental chair, for 4550. A maximum of nine semester hours total from THA 2282 and 4811 may be counted toward graduation. Contact the Theatre Arts Department for details concerning auditions and interviews.

4812 THA Summer Theatre: Directing (Arr.-Arr.-3-6) Su. Practical, comprehensive experiences in theatrical directing. May substitute, with permission of the instructor(s) and the departmental chair, for 4400. Contact the Theatre Arts Department for details concerning auditions and interviews.

4834 THA Methods of Play Production in Middle and Secondary Schools. (2-3-3) Su. The course focuses on the special problems of play production in the public schools for non-theatre majors. Prerequisite: Graduate or senior standing or permission of the instructor.

UNIVERSITY FOUNDATIONS

Undergraduate Course

1111 EIU University Foundations. (2-0-2) F. An inquiry into the academic expectations, resources, policies, and traditions of university life. Students are challenged to enhance their intellectual potential, understand their academic and moral responsibilities, and appreciate diversity in a framework that develops critical thinking, learning, and communication skills necessary to contribute successfully to the university's intellectual life. An experiential learning component engages students in the scholarly and co-curricular community. This course may not be taken credit/no credit. Prerequisite: First-year student standing (fewer than 30 semester hours of earned credit).

WOMEN'S STUDIES

Undergraduate Courses

2309G WST Women, Men, and Culture. (3-0-3) F, S. Examines gender roles and development in a historical context from a variety of theoretical and disciplinary perspectives and within a variety of frameworks: political, economic, cultural, religious, and social. WI

3309 WST Independent Study. (Arr.-Arr.-1-3) On Demand. Intensive examination of the roles, contributions, perspectives, and/or experiences of women as designed by the student. Prerequisite: Satisfactory completion of nine semester hours in Women's Studies courses; permission of the Women's Studies Minor Coordinator.

4000 WST Special Topics. (Arr.-Arr.-1-3) On Demand. Special topics related to Women's Studies which are not ordinarily treated in standard courses. Topics to be announced. Prerequisite: Permission of the Women's Studies Minor Coordinator and the faculty member teaching the course. May be taken twice with permission.

4275 WST Internship. (Arr.-Arr.-1-12) On Demand. (Credit/No Credit) J1549 On-the-job experience in a firm or organization that focuses on women's issues and/or experiences. An internship must be approved by the Women's Studies Minor Coordinator. A maximum of three credit hours may be counted in the Women's Studies Minor. Prerequisite: Permission of the Women's Studies Minor Coordinator, acceptance of student by firm or organization, and satisfactory completion of nine or more semester hours credit in Women's Studies courses.

4309 WST Feminist Theory. (3-0-3) S. This course examines feminist theory and its application to cultural and academic issues. It provides an interdisciplinary approach to women's issues. Prerequisite: Nine semester hours in Women's Studies or permission of the Women's Studies Minor Coordinator.

4800 WST Non-western Feminisms: Gender, Culture, and Nation (3-0-3) On Demand. In-depth study of major social concerns and theoretical issues raised in non-western feminist discourses by male and female writers from non-western countries. The course will explore the treatment of gender themes in relation to culture, class, race, and nationality. Prerequisites: Women's Studies 2309 or permission of the instructor or Coordinator of Women's Studies Program.

4845 WST Women and Gender in Modern Europe. (3-0-3) S. Explores the political, social, and cultural history of women and gender relations in Europe from 1789 to the present. Cross-listed with HIS 4845. WI

For complete descriptions of additional courses applicable to the Women's Studies Minor, see the following:

ART 3685 – Women in Art. (3-0-3)
CMN 3903 – Rhetoric of Women. (3-0-3)
ECN 3873 – Economics of Race and Gender. (3-0-3)
ENG 3903 – Women, Literature, and Language. (3-0-3)
FCS 2831 – Women in Contemporary Society. (3-0-3)
HST 3560 – Women's Health. (3-0-3)
HIS 3900 – Women in American History. (3-0-3)
JOU 3903 – Women and the Media. (3-0-3)
PLS 3903 – Gender, Public Policy, and the Law. (3-0-3)
PSY 3720 – Psychology of Gender (3-0-3)
SOC 3903 – Gender Roles and Social Change. (3-0-3)

Senior Seminars

EIU 4108G – The Changing World of Women. (3-0-3)
EIU 4162G – Women's Voices: Women in the Theatre. (3-0-3)

XII. SERVICES AND ACTIVITIES

Academic Services

The Center for Academic Support and Achievement (CASA)

Website: <http://www.eiu.edu/~casa2000/>
Phone: (217)581-6056

Academic Advising Center

Website: <http://www.eiu.edu/~advising/>
Phone: (217)581-2313

Academic Assessment & Testing

Website: <http://www.eiu.edu/~acatest/>
Phone: (217)581-5986

Assessment:

Website: <http://www.eiu.edu/~assess/>

Other Assessment Links:

- Electronic Writing Portfolio:
<http://www.eiu.edu/~assess/ewpmain.php>
- Senior Survey:
<http://www.eiu.edu/~assess/Senior%20Survey%20Instructions1.pdf>
- Watson Glaser:
<http://www.eiu.edu/~assess/w-gstudentfaqs.pdf>

Academic Success Center

Website: <http://www.eiu.edu/~success/>
Phone: (217)581-6696

Counseling Center

Website: <http://www.eiu.edu/~counsctr/cslwelc.html>
Phone: (217)581-3413

Disability Services

Website: <http://www.eiu.edu/~disablt/>
Phone: (217)581-6583

Education Abroad

Website: <http://www.eiu.edu/~edabroad/>
Phone: (217)581-3390

EIU4 Program

Website: <http://www.eiu.edu/~eiufour/>
Phone: (217)581-8373

International Programs

Website: <http://www.eiu.edu/~internl/>
Phone: (217)581-2321

Library

Website: <http://www.library.eiu.edu/welcome.html>
Phone: (217)581-6071

Mathematics Diagnostic Center

Location: 3311 Old Main
Phone: (217)581-6281

Reading Center

Website: <http://www.eiu.edu/~readctr/>
Phone: (217)581-7898

Speech-Language-Hearing Clinic

Website: <http://www.eiu.edu/~commdis/>
Phone: (217)581-2712

Term Paper Clinics

Clinics held on an individual basis, by appointment only.
Contact: Head of Reference Services, Booth Library

Phone: (217)581-6072

Tutoring

Many of the departments on campus offer tutoring. For further information, students may contact departmental offices or see an advisor in Academic Advising or the Academic Success Center.

Writing Center

Website: <http://www.eiu.edu/~writing/>
Phone: (217)581-5929

General Services

Career Services

Website: <http://www.eiu.edu/~careers/home/index.php>
Phone: (217)581-2412

Office of Civil Rights and Diversity

Website: <http://www.eiu.edu/~civil/>
Phone: (217)581-5020

Medical Services

Website: <http://www.eiu.edu/~health/home/index.php>

- Medical Clinic/Health Service:
<http://www.eiu.edu/~health/clinic/home/index.php>

Phone: (217)581-3013

Student Insurance

Website: <http://www.eiu.edu/~finaid/text/stuins.htm>
Phone: (217)581-5290

Textbook Rental Services

Website: <http://www.eiu.edu/~textbks/>
Phone: (217)581-3636

University Union, Martin Luther King, Jr.

Website: <http://www.eiu.edu/~union/>
Phone: (217)571-7040

Student Activities

Campus Recreation

Website: <http://www.eiu.edu/~crecsr/>
Phone: (217)581-2821

Forensics Team

Website: <http://www.eiu.edu/~speech/forensic.htm#office>
Phone: (217)581-2016

Intercollegiate Athletics

Website: <http://www.eiu.edu/~sprtinfo/>
Phone: (217)581-2319

Music Ensembles

Website: <http://www.eiu.edu/~music/ensembles/>

- Jazz Ensembles:
- University Bands:
- Eastern Symphony Orchestra:
- Choral Ensembles:
- Percussion Ensembles:

Radio and Television Center:

Volunteer Positions: For information call (217)581-5956
Scholarship Information:
<http://www.weiu.net/scholarships.htm>

WEIU-TV

- Website: <http://www.weiu.net/>

WEIU-FM 88.9

- Website: <http://www.weiuhitmix.net/>

The Odyssey (EIU's Online Radio)

- Website: <http://www.eiuodyssey.com/>

Student Publications

Staff positions on all publications are open to all students.

- *Daily Eastern News*:
<http://www.dennews.com/home/generalinformation/>
- *Minority Today* (A publication that runs monthly through the Daily Eastern News)
- *Vehicle*:
<http://www.eiu.edu/~vehicle/main.html>
- Warbler (EIU Yearbook):
<http://www.eiu.edu/~warbler/>

Theatre Arts

Contact the Theatre Arts Department to find out how students can participate in main stage productions, the Summer Theatre Program, and student directed student theatre productions.

Website: <http://www.eiu.edu/~theatre/>
Phone: (217)581-3121

The Tarble Arts Center

Website: <http://www.eiu.edu/~tarble/>
Phone: (217)581-2787

Student Expenses, Housing, Financial Aid, and Scholarships

Bond Statement

Notwithstanding any other facilities which now or at any time hereafter may be available for students and faculty of said university (with the exception only of the covenants and agreements made by the Board of Trustees of EIU for the security of the outstanding bonds heretofore issued for said university), the University will require, and adopt parietal rules and regulations designed to assure the maximum use of said project, and existing university facilities, until all of the bonds have been fully paid as to both principal and interest.

Tuition, Fees, Room & Board Costs

Cost of Attendance:

Website: <http://www.eiu.edu/~finaid/text/cost2.htm>

Breakdown of Fees per Semester:

Website: <http://www.eiu.edu/~finaid/text/fasp0607fees.htm>

Room and Board Costs:

- Information from the Housing Website:
http://www.eiu.edu/~housing/cs_rmbrcd_rates.php
- Information from the Financial Aid Website:
<http://www.eiu.edu/~finaid/text/fasp0607roomboard.htm>

Student Withdrawals and Refunds

The term "refund" is defined as the cancellation of an unpaid obligation as well as an actual refund of an amount previously paid. Exceptions to the tuition and mandatory fees refund policy must be submitted in writing to the Office of the Registrar and Enrollment Management, for consideration. Appeals of denials of such requests may be made to the Vice President for Student Affairs, but no later

than 60 calendar days following the close of the session for which the refund would have been applicable.

See Internal Governing Policy #65 at <http://www.eiu.edu/~auditing/IGP/policy65.html>

Financial Aid

Website: <http://www.eiu.edu/~finaid/>
Phone: (217)581-3714

Financial Aid Application Process:

Website:
<http://www.eiu.edu/~finaid/text/fap1.htm>

Financial Aid Application Forms:

- Summer 2007 Application Form:
<http://www.eiu.edu/~finaid/pdf/SUMMER%202007%20application.pdf>
- Financial Aid Forms Available for Downloading:
<http://www.eiu.edu/~finaid/text/Formbank.htm>
- Change of Status Form:
<https://www.eiu.edu/~finaid/FASPhoursChange.php>

Financial Aid Eligibility Criteria:

<http://www.eiu.edu/~finaid/text/cost1.htm>

Potential Sources of Financial Aid:

- Scholarships & University Awards Information (Phone: 217-581-6405):
<http://www.eiu.edu/~finaid/>
- EIU Scholarship Search:
<http://www.eiu.edu/~scholars/>
- Grants (Phone: 217-581-6405):
<http://www.eiu.edu/~finaid/text/psa2.htm>
- Student Loans (Phone: 217-581-3711):
<http://www.eiu.edu/~finaid/text/psa3.htm>
- Federal Work-Study:
<http://www.eiu.edu/~finaid/text/psa4.htm>
- Short-term (Emergency) Loans (Phone: 217-581-3714):
http://www.eiu.edu/~finaid/text/psa3.htm#short_term
- Veteran's Benefits:
<http://www.eiu.edu/~finaid/text/psa2.htm#veterans>
- State of Illinois Programs (ISAC-CollegeZone):
<http://www.collegezone.com/>
- Army ROTC:
<http://www.eiu.edu/~armyrotc/>

Residency Requirements

<http://www.eiu.edu/~auditing/botregs/regulat07.htm#C.3>

University Foundation

Scholarship Administration

Website: <http://www.eiu.edu/~found/>
Phone: 581-3313

Student Employment:

Phone: 581-3712

- Frequently Asked questions:
<http://www.eiu.edu/~finaid/text/employ.htm#employfaq>
- Student Employment Opportunities:
<http://www.eiu.edu/~finaid/text/jobs.htm>
- Regulations for Student Employment:
<http://www.eiu.edu/~finaid/text/regs.htm>
- Forms and Other Information:
<http://www.eiu.edu/~finaid/>

Student Health Insurance:

Website:
<http://www.eiu.edu/~finaid/text/stuins.htm>
Phone: (217)581-5290

Housing and Dining Services

Housing & Dining
Website: <http://www.eiu.edu/~housing/>
Phone: (217)581-5111

Panther Dining

Website: <http://www.eiu.edu/~dining/>
Phone: (217)581-5733

Dining Dollars:

http://www.eiu.edu/~dining/ms_special_services.php

Dining Guests:

http://www.eiu.edu/~dining/g_quest%20prices.php

Dining Meal Plans:

http://www.eiu.edu/~dining/ms_meal_plan.php

Dining Special Services:

http://www.eiu.edu/~dining/ms_special_services.php

Family/Graduate Student Housing

<http://www.eiu.edu/~housing/universityapts.php>

Food Court:

http://www.eiu.edu/~dining/dh_union%20food%20court.php

Freshmen Rule Housing Requirement:

http://www.eiu.edu/~housing/ps_reqliveon.php

Greek Court

- Information from the Housing Website:
<http://www.eiu.edu/~housing/greekct.php>
- Information from the Greek Life Website:
<http://www.eiu.edu/~qrklife/housing/index.htm>

Housing Application/Contract:

http://www.eiu.edu/~housing/ps_assign.php

Housing Assignments:

http://www.eiu.edu/~housing/cs_options.php

Housing Building Information:

http://www.eiu.edu/~housing/bldg_address.php

Housing and Dining Policies

http://www.eiu.edu/~housing/cs_cal_handbook.php

Housing Information for Parents:

http://www.eiu.edu/~housing/p_info.php

Housing Options & Features:

<http://www.eiu.edu/~housing/grid.php>

Housing Services:

<http://www.eiu.edu/~housing/services.php>

Marketplace Convenience Stores:

http://www.eiu.edu/~dining/dh_marketplace.php

Panther Cards:

http://www.eiu.edu/~dining/ms_id%20cards

Reasons for Living On Campus:

http://www.eiu.edu/~housing/ps_liveon.php

Residence Halls

<http://www.eiu.edu/~housing/grid.php>

Room and Board Costs

- Information from the Housing Website:
http://www.eiu.edu/~housing/cs_rmbdr_ates.php
- Information from the Financial Aid Website:
<http://www.eiu.edu/~finaid/text/fasp0607roomboard.htm>

University Apartments

<http://www.eiu.edu/~housing/universityapts.php>

University Court

<http://www.eiu.edu/~housing/universityct.php>

Student Accounts

Phone: (217)581-3715

Website:
<http://www.eiu.edu/~busofc/Billinfop.htm>
(Website includes Billing and Payment Policies information pertaining to payment plan, tuition and fees, address and account information, finance charges, direct deposit of student refunds, financial aid, application of financial aid payments, refunds, class cancellation, parking permits, telephone usage charge, etc.)

Student Organizations

Departmental Clubs

Most of the departments at Eastern have student organizations for their majors. Contact the department chairperson for information on the organizations within each major.

Greek Life

Website: <http://www.eiu.edu/~qrklife/>
Phone: (217)581-3967

- **Interfraternity Council**
Greek Life Office Website:
<http://www.eiu.edu/~qrklife/ifc/index.htm>

Interfraternity Council Website:
<http://www.eiu.edu/~eiuifc/>

- **Panhellenic Council Association**
Greek Life Office Website:
<http://www.eiu.edu/~qrklife/panhel/index.htm>
Panhellenic Council Website:
<http://www.eiu.edu/~panhel/>

- **National Panhellenic Council**
Greek Life Office Website:
<http://www.eiu.edu/~qrklife/nphc/index.htm>

Recognized Student Organizations

Website: <http://www.eiu.edu/~slo/rsoList.php>

Religious Organizations

Most of the major religions or denominations are represented by student groups on campus. The Office of Student Life makes available a current listing of campus organizations, which may be obtained in Room 316, University Union.

Residence Hall Government

Website:
http://www.eiu.edu/~housing/ps_involv.php
Contact the Housing Office for information:
(217)581-5111

Reserve Officer's Training Corps (ROTC)

Website: <http://www.eiu.edu/~armyrotc/>
Phone: (217)581-5944

Student-Faculty Boards:

Website:
<http://www.eiu.edu/~auditing/IGP/policy81.html>

Student Government

Website: <http://www.eiu.edu/~stdtgov/>
Phone: (217)581-5522

Student Life Office

Website: <http://www.eiu.edu/~slo/>
Phone: (217)581-3829

University Board

Website: <http://www.eiu.edu/~uboard/>

Academic Affairs**Provost and Vice President****For Academic Affairs**

Blair M. Lord, PhD, University of California at Davis, Provost and Vice President for Academic Affairs (2001)

Jeffrey F. Cross, PhD, University of Illinois, Associate Vice President for Academic Affairs (1998)

William V. Weber, PhD, University of Kansas, Associate Vice President for Academic Affairs (1988)

Mary C. Herrington-Perry, PhD, Indiana University, Assistant Vice President for Academic Affairs (1982)

Michael R. Hoadley, PhD, University of Illinois, Assistant Vice President for Technology (2002)

College of Arts and Humanities

James K. Johnson, MFA, University of Kansas, Dean (1978)

Jeffrey Lynch, MA, University of Dayton, Associate Dean (1976)

Betsy Miller, M.S., Eastern Illinois University, Assistant to the Dean (1995)

Kathryn Morice, MFA, Southern Illinois University - Edwardsville, Curator/Education/Exhibits, Tarble Arts Center (1993)

Michael D. Loudon, PhD, State University of New York, Buffalo, Acting Coordinator of African-American Studies (1984)

Penka Skachkova, PhD, SUNY-Buffalo, Coordinator of Women Studies (2005)

Charles Titus, PhD, Indiana University, Assistant Professor, History (1972)

Michael Watts, MFA, University of Texas at Austin, Director, Tarble Arts Center (1986)

Lumpkin College of Business and**Applied Sciences**

Diane B. Hoadley, JD, MBA, University of Illinois, Dean (2002)

Martha S. Brown, PhD, Florida State University, Associate Dean (1979)

Mary Hennig, Assistant to the Dean (2006)

Diane Ingle, Assistant to the Dean (2000)

Jacqueline Joines, MS, Eastern Illinois University, Development Officer (1998)

Lisa Dallas, MS, Eastern Illinois University, Assistant to the Dean for Academic Computing (1998)

College of Education and Professional Studies

Diane Jackman, PhD, University of Minnesota, Dean (2006)

Douglas J. Bower, PhD, University of Illinois, Associate Dean (1988)

Peggy Brown, BA, Eastern Illinois University, Assistant to the Dean (2001)

Bonnie Wilson, BS, Eastern Illinois University, Assistant to the Dean (1999)

Tom G. Grissom, M of Tech, Eastern Illinois University, Assistant to the Dean for Academic Computing (1999)

Mary Bower, CPA, BA, Eastern Illinois University, Assistant to the Dean for Grants and Contracts (2000)

John L. Coffey, MA, Ball State University, Advisor (1986)

Jeff Duck, MEd, Eastern Illinois University, Advisor, (2001)

Jim Kestner, MA University of Illinois, Coordinator for Web-Based Alternative Routes to Teacher Certification (2001)

College of Sciences

Mary Anne Hanner, PhD, Indiana State University, Dean (1981)

Godson Obia, PhD, University of Oklahoma, Associate Dean (1994)

Barbara S. Kuykendall, MA, Eastern Illinois University, Assistant to the Dean (1987)

Charles E. Miller, MS, Eastern Illinois University, Assistant to the Dean for Academic Computing (1967)

Center for Academic Support & Achievement

Karla Sanders, PhD, Pennsylvania State University, Director (2000)

Wendy Long, MBA, Eastern Illinois University, Assistant to the Director for Technology Support (1987)

Academic Advising

Monica Zeigler, MEd, Pace University, Assistant Director (2005)

Gregory Aydt, MA Eastern Illinois University, Advisor (2002)

Deborah Barker, MEd, Eastern Illinois University, Advisor (1993)

Kari Dailey, MEd, Eastern Illinois University, Advisor (1998)

Lora L. Green, MEd, Eastern Illinois University, Advisor (1989)

Deborah Hershberger-Kidwell, MEd, Illinois State University, Advisor (1998)

Norman R. Isacson, MEd, Eastern Illinois University, Advisor (1991)

Jennifer Reed-Lewis, MEd, Eastern Illinois University, Advisor (1997)

Shawn Schultz, MSE, University of Wisconsin, Oshkosh (2007)

Julie Sterling, MEd, Eastern Illinois University, Advisor (1981)

Academic Assessment and Testing

Debra Hoppood, PhD, Indiana State University, Assistant Director (1997)

Academic Success Center

Cindy Boyer, MEd, Eastern Illinois University, Assistant Director (2004)

Disability Services

Kathy Waggoner, MS, Eastern Illinois University, Assistant Director (1999)

Center for Academic Technology Support

Michael R. Hoadley, PhD, University of Illinois, Assistant Vice President for Academic Affairs for Technology (2002)

Pete Grant, MS, Eastern Illinois University, Digital & Multimedia Specialist (2003)

Daniel Harvey, MS, Virginia Polytechnic Institute & State University, Technology Coordinator (2000)

John Henderson, MLS, University of Maine, Director of Instructional Technology Services (1998)

Enrollment Management

Vacant, Dean

Admissions

Brenda Major, MFA, Southern Illinois University, Director (2004)

Susan W. Ambrose, MS, Eastern Illinois University, Senior Assistant Director (1985)

Garry Cooke, BA, Eastern Illinois University, Admissions Counselor (2004)

Sonia Fischer, MA, Eastern Illinois University, Transfer Counselor (2004)

XIII. ADMINISTRATIVE AND INSTRUCTIONAL STAFF

Administrative Staff

(Date of joining staff in parentheses)

Office of the President**President**

William L. Perry, PhD, University of Illinois at Urbana-Champaign (2007)

Office of Internal Auditing

Kathleen Moreno, CGFM, BA, Manchester College, Director (1998)

Office of Civil Rights, Affirmative**Action & Diversity**

Cynthia D. Nichols, MA, Eastern Illinois University, Director (1986)

Robert Miller, JD, University of Memphis, Associate Director, (1997)

General Counsel

Joseph T. Barron, JD, Suffolk University Law School, General Counsel (2000)

Athletics

Richard A. McDuffie, EdD, University of North Carolina-Greensboro, Director (1997)

Mary Wallace, BA, Rice University, Senior Women's Administrator (2002)

Jason Hall, MS, Austin Peay State University, Assistant Athletic Director of Compliance (2005)

Ben Turner, MS, Eastern Illinois University, Assistant Sports Information Director (2003)

Bart Rettberg, MS, Eastern Illinois University, Assistant Sports Information Director (1995)

Amy Reis, BA, University of Nebraska - Kearney, Director of Marketing and Promotions (2005)

John Smith, BS, University of Wisconsin - Madison, Associate Athletic Director for Development (1987)

Cindy Tozer, MEd, Eastern Illinois University, Director, Academic Services(1995)

Sarah Heise, MS, Eastern Illinois University, Admissions Counselor (2003)

Maxine Lane, BS, Eastern Illinois University, Admissions Counselor (2003)

Larry J. Larvick, EdD, Loyola University of Chicago, Part-time Admissions Counselor (2001)

Denise A. Lee, MSED, Eastern Illinois University, Assistant Director of Admissions (1999)

Kathleen M. McSherry, BS, Central Michigan University, Assistant Director of Admission (1988)

Debra Michelini, MA, Northeastern Illinois University, Assistant Director of Admissions (2001)

Rita I. Pearson, MA, Eastern Illinois University, Assistant Director of Admissions/Transfer Coordinator. (1990)

Shijuan Shannon, MA, Northern Illinois University, Assistant Director of Admissions (2001)

Office of the Registrar and Enrollment Management

G. Sue Harvey, MSED, Eastern Illinois University, Registrar, Office of the Registrar and Enrollment Management (1977)

Tammy Zuber, MSED, Eastern Illinois University, Assistant Director, Office of the Registrar and Enrollment Management (1985)

Lori Creath, MS, Eastern Illinois University, Academic Advisor (1995)

Ruth Flaherty, Academic Advisor (1989)

Patricia Gartley, MSED, Eastern Illinois University, Academic Advisor (1997)

Sarah Newby, BS, Southern Illinois University at Carbondale, Academic Advisor (1999)

Nancy Mathewson, MS, Eastern Illinois University, Academic Advisor (2005)

Graduate School, Research & International Programs

Robert M. Augustine, PhD, Southern Illinois University, Dean (1978)

Robert Chesnut, PhD, Purdue University, Director, Research and Sponsored Programs (1997)

The Honors College

Bonnie D. Irwin, PhD, University of California at Berkeley, Dean (1994)

Margaret Knapp Messer, PhD, Kennedy-Western University, Director of Honors Student Affairs (1977)

Sarah Schmidt, M.ad.E., National Louis University, Academic Advisor (2007)

Library Services

Allen Lanham, PhD, University of Rochester, Dean (1991)

Linda Spangler, BA, Eastern Illinois University, Assistant to the Dean for Academic Computing (1999)

Minority Affairs

Mona Davenport, MS, Illinois State University, Director (2004)

School of Continuing Education

William C. Hine, EdD, Indiana University, Dean (1986)

Bachelor of Arts in General Studies Degree Program

L. Kaye Woodward, EdD, University of Arkansas, Director (1986)

Audrey Bachelder, MS, Eastern Illinois University, Advisor (2000)

Kimberly Burnett-Black, MA, Eastern Illinois University, Advisor (2000)

Office of Academic and Professional Development

Pamela Collins, MS, Eastern Illinois University, Director (1994)

Beth Craig, MA, Ball State University, Coordinator of Program Development (2006)

Jo Ellen Hickenbottom, Program Coordinator (1989)

Student Publications

John Ryan, PhD, Southern Illinois University at Carbondale, Director (1985)

Joe Gisondi, MA, University of Central Florida, Editorial Advisor (2002)

Betsy Jewell, MBA, Eastern Illinois University, Business Manager (1999)

Business Affairs

Vice President for Business Affairs

Jeff Cooley, CPA, BS, Eastern Illinois University, Vice President for Business Affairs (1983)

Budget

Jim Shonkwiler, PhD, University of Illinois, Director (2003)

Business Services and Treasurer

Paul McCann, BA, Augustana College, Director (2006)

Monty R. Bennett, BS, Eastern Illinois University, Director of Procurement, Disbursements and Contract Services (1987)

Larry Cannon, BS, Northern Illinois University, Director of Accounting and Finance (1997)

Linda Holloway, BS, Eastern Illinois University, Assistant Director of Payroll/Benefits (2004)

Employment and Labor Relations

Robert Wayland, PhD, University of North Texas, Director (1991)

Lloyd Leonard, MA, Sangamon State University, Assistant Director (1992)

Environmental Health & Safety

Gary W. Hanebrink, MS, Eastern Illinois University, Safety Officer (1990)

Facilities Planning and Management

Gary Reed, BS, University of Illinois, Director (1989)

Dave Crockett, BS, Eastern Illinois University, Facilities Maintenance Manager (2006)

Human Resources

Charles Phillips, MPA, University of Michigan, Director (1997)

Sandy Bowman, MS, Eastern Illinois University, Training Coordinator (2001)

Information Technology Services

M. K. (Chat) Chatterji, MS, Indiana State, Assistant Vice President for Information Technology Services (2002)

Susan Ames, BS, Eastern Illinois University, Assistant Director, Campus Card (1999)

Gregory DeYoung, MS, Eastern Illinois University, Associate Director, Campus Infrastructure Technology (2005)

Clay Hopkins, BS, Eastern Illinois University, Director of Telecommunications (1995)

Kathy S. Reed, MBA, Eastern Illinois University, Associate Director, Information Systems Services (1985)

External Relations

Vice President for External Relations

Jill F. Nilsen, PhD, University of Illinois, Vice President for External Relations (1976)

Alumni Services

Steve Rich, MS, Eastern Illinois University, Director (1994)

Chelsea Frederick, BA, Eastern Illinois University, Assistant Director (2006)

Jerilyn Hutson, MBA, Eastern Illinois University, Assistant Director (1995)

Jonathan R. McKenzie, MA, Eastern Illinois University, Assistant Director (2004)

Development

Karla J. Evans, MBA, Eastern Illinois University, Executive Director (1989)

Alison M. Mormino, BA, Eastern Illinois University, Director of Philanthropy (2006)

John D. Schmitt, MA, Eastern Illinois University, Director of Philanthropy (2006)

Charles A. Rohn, PhD, Southern Illinois University-Carbondale, Director of Philanthropy (2000)

Vaughn M. Jaenike, EdD, University of Nebraska-Lincoln, Director of Philanthropy (1974)

Foundation

Patrice Stratton, MS, Eastern Illinois University, Executive Officer (2002)

April Marchuck, Executive Assistant (2003)

Planning & Institutional Studies

Julia A. Abell, MSED, Eastern Illinois University, Director (1978)

Amy L. Edwards, MBA, Eastern Illinois University, Assistant Director (1994)

Radio-TV Center

Denis J. Roche, BSEE, Pacific Western University, General Manager (2004)

Rodd Boyken, MS, St. Mary's University of Minnesota, Producer/Director (1997)

Lori Casey, MA, Concordia University, Producer/Director (1999)

Brenda Good, BA, Coe College, Director of Administration and Finance (1993)

George Hovorka, MS, Southern Illinois University, Production/Director (1983)

Jeff Owens, BA, Eastern Illinois University, Director, FM/Media Production & Sales (1988)

Jerry Rankin, MS, Eastern Illinois University, Distribution Technology Specialist (2006)

Kelly Runyon, BA, Eastern Illinois University, News Director - Electronic Media (1992)

John Wiley, MA, Eastern Illinois University, Corporate Fundraising Specialist (2005)

University Communications

Stacia Lynch, MS, Eastern Illinois University, Supervisor of Graphic Design (1990)

Vicki Shaw-Woodard, BA, Eastern Illinois University, Coordinator of Public Information (1992)

Student Affairs

Vice President for Student Affairs

Dr. Daniel P. Nadler, PhD, Southern Illinois University, Vice President for Student Affairs (1985)

Campus Recreation

Kenneth J. Baker, MS, Eastern Illinois University, Director (1994)

Kevin S. Linker, MS, Southern Illinois University - Carbondale, Program Director (1994)

Career Services

Linda L. Moore, MA, Eastern Illinois University, Director (1986)

Kelli Brosam, MA, Eastern Illinois University, Career Advisor (2002)

Roberta Kingery, MS, Eastern Illinois University, Career Advisor (1997)

Counseling Center

Sandra K. Cox, MS, Eastern Illinois University, Assistant Director (1997)

Brad R. Coffey, MS, Eastern Illinois University, Counselor (2005)

Stephanie Harken, MS, University of Northern Iowa, Counselor (2006)

Gregg A. Kuehl, MA, Truman State University, Counselor (2005)

Shis-Hsun Lin, PhD, University of Minnesota, Counselor (2006)

Cara Pschirrer, MS, Eastern Illinois University, Counselor (2002)

Michael Tozer, MS Ed, Eastern Illinois University, Counselor (1996)

Financial Aid

Jone Zieren, MEd, Eastern Illinois University, Director (1977)

Dianna Ensign, BS, Eastern Illinois University, Associate Director (1977)

Tracy Hall, BS, Eastern Illinois University, Assistant Director (1998)

Health Services

Lynette F. Drake, MS, Eastern Illinois University, Director (1985)

Sheila D. Baker, MD, Indiana University School of Medicine, Medical Director (1999)

Eric S. Davidson, MS, Eastern Illinois University, Associate Director for Health Education and Promotion (1998)

James R. Esgar, RPh, MD, University of Illinois, Health Services Physician (1997)

Kimberlie Hollender, MD, University of Illinois College of Medicine: Chicago, Physician (2005)

John Hutchinson, MD, University of Illinois College of Medicine, Urbana, Physician (2006)

Richard H. Larson, MD, University of Cincinnati, Health Services Physician (1985)

Judicial Affairs

Dr. Heather K. Webb, PhD, Purdue University (2006)

Orientation

Kimberlie A. Moock, MA, Chapman University, Director of Orientation (2001)

Student Legal Services

William S. Davis, JD, University of Illinois, Coordinator (1980)

Student Life

Cecilia A. Brinker, MEd, Eastern Illinois University, Director (1985)

Robert P. Dudolski, MS, Eastern Illinois University, Director of Greek Life (1999)

Isaiah Collier, MS, University of Akron, Acting Director of Student Life (2005)

Textbook Rental Service

Carol Miller, Deputy Director (1975)

University Housing and Dining Services

Mark Hudson, MEd, Eastern Illinois University, Director (2001)

Mark I. Shaklee, MEd, University of Missouri-Columbia, Associate Director (1978)

Jody R. Horn, MS, Eastern Illinois University, Director, University Dining Services (1990)

Susan D. Gobert, Associate Director (1990)

Kelly P. Miller, MBA, Eastern Illinois University, Assistant Director (1991)

Jody Stone, MS, Eastern Illinois University, Assistant Director (1995)

Matt Boyer, MEd, Eastern Illinois University, Conference Coordinator (1999)

Pam Narragon, BS, University of Alaska at Fairbanks, Assistant Director for Business Operations (1998)

Chad Franks, MA, Eastern Illinois University, Marketing and Promotions (1999)

Area Directors

Amy S. Price, MEd, CSA, Eastern Illinois University (1999)

Complex Directors

Terrence Brooks, MS, Western Illinois University (2005)

Michelle Hopper, MS, Western Illinois University (2003)

Assistant Panther Dining Directors

Sandy Black, University Food Court (1991)

Kristin Cann, Panther Catering (2002)

Jamie Huckstead, Tower Dining Center (2001)

Susan Napolitan, South Quad Dining (2007)

Sheila D. Poffinbarger, South Quad Dining (1989)

Brian Schneider, Carman Dining Center (1998)

Resident Directors

Doris A. Hamilton, BEd, Eastern Illinois University (1990)

Doug Howell, MEd, Eastern Illinois University (2001)

Tonia Pittman, Masters in Social Work, Western Michigan University (2006)

Constance Sleezer, CSA, Northern Illinois University (2006)

Quiana Stone, MA, Indiana University, Resident Director (2005)

University Police Department

Adam J. Due, MEd, Eastern Illinois University, Chief Public Safety Officer (1989)

John Hatfill, BS Southern Illinois University, Director of Parking Services (1989)

University Union

Cathy Engelkes, Deputy Director (1977)

Instructional Staff

+ Denotes Distinguished Faculty

* Denotes department chairperson

** Denotes acting department chairperson

A

Teshome Abebe, PhD, Northern Illinois University, Professor, Economics (1998)

Olga Abella, PhD, State University of New York, Professor, English (1989)

William E. Addison, PhD, Miami University, Professor, Psychology* (1987)

Philip D. Age, EdD, Illinois State University, Associate Professor, School of Technology (2000)

Angela J. Aguayo, PhD, University of Texas, Assistant Professor, Communication Studies (2005)

Gustavo Albear, MA, Saint Xavier University, Assistant Professor, Secondary Education and Foundations (2004)

Milton Allen, PhD, Ohio State University, Assistant Professor, Music (2006)

John B. Allison, PhD, University of Chicago, Professor, English (1988)

Carlos C. Amaya, PhD, Indiana University, Associate Professor, Foreign Languages (2000)

Kevin R. Anderson, PhD, University of Missouri-Columbia, Assistant Professor, Political Science (2005)

Rick D. Anderson, MS, Montana State University, Assistant Professor, Mathematics and Computer Sciences (2005)

William B. Anderson, MA, Kansas State University, Instructor, Geology/Geography (2005)

Peter Andrews, PhD, University of Maryland, Professor, Mathematics and Computer Science* (1992)

Larry J. Ankenbrand, EdD, University of Missouri, Professor, Physical Education (1977)

David P. Arseneau, MBA, Northern Illinois University, Instructor, School of Business (1983)

Jack R. Ashmore, MA, Eastern Illinois University, Instructor, Communication Studies (1992)

Sirus Aryainejad, PhD, Indiana University, Associate Professor, Physics (1986)

Jeff Ashley, PhD, Northern Arizona University, Associate Professor, Political Sciences (2001)

Jack R. Ashmore, MA, Eastern Illinois University, Instructor, Communication Studies (1992)

Robert M. Augustine, PhD, Southern Illinois University, Dean, Graduate School (1978)

Gary E. Aylesworth, PhD, State University of New York at Stony Brook, Professor, Philosophy (1989)

B

Judith A. Barbour, PhD, University of Illinois, Associate Professor, Early Childhood, Elementary, and Middle Level Education (1997)

Judith Barford, MS Ed, Eastern Illinois University, Assistant Professor, Early Childhood, Elementary, and Middle Level Education (1993)

David M. Barker, PhD, University of Illinois, Assistant Professor, Secondary Education and Foundations (1999)

Terry Barnhart, PhD, Miami University, Professor, History (1994)

Rebecca Barnett, MS, Fort Hays State University, Instructor, Student Teaching (2003)

Lilian A. Barria, PhD, University of Missouri - Columbia, Assistant Professor, Political Science (2000)

Katherine L. Bartel, MFA, Southern Illinois University, Associate Professor, Art (1989)

Robert P. Bates, PhD, Southern Illinois University, Professor, Health Studies* (1988)

Kevin Baumann, BS, Eastern Illinois University, Instructor, Geology/Geography (2002)

Brian Beakley, PhD, State University of New York at Stony Brook, Professor, Philosophy (1990)

Roger B. Beck, PhD, Indiana University, Professor, History (1987)

- Bettina Becker**, MA, University of Iowa, Instructor, Secondary Education and Foundations (2006)
- Trina Becker**, MS, Eastern Illinois University, Assistant Professor, Communication Disorders and Sciences (1997)
- Angela Beckman**, MS, Gallaudet University, Assistant Professor, Communication Disorders and Sciences (2006)
- Randall Beebe**, PhD, Penn State University, Professor, English (1994)
- David Bell**, MA, Northern Illinois University; MLS, University of Illinois, Associate Professor, Library Services (1999)
- Patricia K. Belleville**, EdD, University of Illinois, Associate Professor, Art (1996)
- William Reed Benedict**, PhD, Kansas State University, Professor, Sociology (1994)
- Stephen Benner**, MBA, Eastern Illinois University, Instructor, School of Business (2004)
- John K. Bennett**, MA, Eastern Illinois University, Instructor, Mathematics and Computer Science (1982)
- Teresa Bennett**, PhD, University of Florida, Assistant Professor, Early Childhood, Elementary, and Middle Level Education (2002)
- Richard Berg**, EdD, Indiana State University, Assistant Professor, Educational Administration (1995)
- Beth L. Bergstrom**, MS, Eastern Illinois University, Instructor, Communication Disorders and Sciences (2005)
- Ronan S. Bernas**, PhD, University of Chicago, Professor, Psychology (1994)
- Lucinda Berry**, MA, Indiana University, Instructor, English (1995)
- B. Christine Best**, MSW, University of Illinois, Instructor, Sociology/ Anthropology (1988)
- John B. Best**, PhD,+ University of Cincinnati, Professor, Psychology (1979)
- Donna Binns**, PhD, University of Kansas, Assistant Professor, English (2003)
- Joshua Birk**, PhD, University of California, Assistant Professor, History (2005)
- Joyce C. Bishop**, PhD, Illinois State University, Associate Professor, Mathematics and Computer Science
- Judith D. Black**, MS, Eastern Illinois University, Assistant Professor, Physical Education (1990)
- Clarence P. Blanchette**, MA, University of Iowa, Professor, Theatre Arts (1973)
- Jonathan P. Blitz**, PhD, Colorado State University, Professor, Chemistry (1994)
- Douglas G. Bock**, PhD, Southern Illinois University, Professor, Communication Studies (1982)
- David Boggs**, PhD, University of Dallas-Texas, Assistant Professor, School of Business (2006)
- Eric K. Bollinger**, PhD, Cornell University, Professor, Biological Sciences (1990)
- Michael Boorum**, PhD, University of South Florida, Professor, School of Business (2000)
- Carol Boroughs**, MA, Eastern Illinois University, Instructor, Mathematics and Computer Science (2001)
- Mark G. Borzi**, PhD, Bowling Green State University, Professor, Communication Studies* (1994)
- Jeffrey G. Boshart**, MFA, University of Massachusetts, Professor, Art (1988)
- Karen L. Boshart**, MA, Eastern Illinois University, Instructor, Art (2004)
- Parley A. Boswell**, PhD, Loyola University, Professor, English (1987)
- Marshall Bowen**, PhD, University of Illinois, Instructor, Physics (2004)
- Kathleen Bower**, PhD, University of New Mexico, Associate Professor, Geology/Geography (1998)
- Jill Bowers**, MS, Eastern Illinois University, Instructor, Family and Consumer Sciences (2006)
- David Boyd**, PhD, University of Illinois, Assistant Professor, Mathematics and Computer Science (2004)
- Michael G. Bradd**, MA, Eastern Illinois University, Professor, Communication Studies (1990)
- Wanda Brandon**, PhD, Southern Illinois University, Instructor, Journalism (2005)
- Douglas E. Brandt**, PhD, University of Hawaii, Professor, Physics (1987)
- Suzan G. Braun**, MFA, Southern Illinois University, Professor, Art (1970)
- Dagni Bredesen**, PhD, University of Washington, Seattle, Associate Professor, English (2001)
- Judith Briggs**, MS, Northern Illinois University, Instructor, Student Teaching (1998)
- Caridad F. Brito**, PhD, University of Iowa, Associate Professor, Psychology (1996)
- Teresa Britton**, PhD, University of Wisconsin-Madison, Associate Professor, Philosophy (1998)
- Noel Brodsky**, PhD, University of Illinois, Associate Professor, Economics (1988)
- Duane M. Broline**, PhD, University of Wisconsin, Professor, Mathematics and Computer Science (1986)
- Dennis Broniecki**, EdD, Vanderbilt University, Instructor, Student Teaching (1999)
- Tamatha L. Brooks**, MS, Eastern Illinois University, Instructor, Family and Consumer Sciences (2001)
- Martha S. Brown**, PhD, Florida State University, Professor, Family and Consumer Sciences (1979)
- Paul Brown**, MBA, Eastern Illinois University, Instructor, School of Business (2006)
- Ann E. Brownson**, MA/MLS, University of Iowa, Associate Professor, Library Services (1998)
- James Bruehler**, PhD, University of Illinois, Associate Professor, Economics (1993)
- Matthew E. Brueseke**, BA, Miami University-Oxford OH, Instructor, Geology/Geography (2005)
- Grace Buchanan**, PhD, Southern Illinois University-Carbondale, Instructor, Psychology (2006)
- Rosemary Buck**, PhD, Northwestern University, Professor, English (1994)
- Gary Bulla**, PhD, University of Colorado, Associate Professor, Biological Sciences (2002)
- Kathryn M. Bulver**, PhD, University of Wisconsin, Professor, Foreign Languages (1990)
- Melanie Burns**, PhD, University of Illinois at Urbana-Champaign, Associate Professor, Family and Consumer Sciences (1994)
- James L. Bush**, EdS, Western Illinois University, Instructor, Student Teaching (1998)
- Louis C. Butler**, PhD, Southern Illinois University, Professor, School of Technology (1984)
- C**
- Richard Caldwell**, MA, Eastern Illinois University, Instructor, Political Science (2006)
- Lynn Calvert**, MA, Southeast Missouri State University, Associate Professor, Communication Disorders and Sciences (1992)
- Allison R. Cameron**, PhD, University of Georgia, Instructor, Theatre Arts (2004)
- Lucy A. Campanis**, PhD, Pennsylvania State University, Associate Professor, Family and Consumer Sciences (1986)
- Julie D. Campbell**, PhD, Texas A & M, Associate Professor, English (1998)
- Stephen A. Canfield**, PhD, University of Illinois, Associate Professor, Foreign Languages* (1992)
- Gary Canivez**, PhD, Southern Illinois University - Carbondale, Professor, Psychology (1995)
- Barbara Carlsward**, PhD, University of Florida, Assistant Professor, Biological Sciences (2006)
- Nanette M. Carli**, EdD, Illinois State University, Professor, Student Teaching (1991)
- David Carpenter**, PhD,+ University of Oregon, Professor, English (1986)
- Janet Carpenter**, MS Ed, Eastern Illinois University, Assistant Professor, Early Childhood, Elementary, and Middle Level Education (1995)
- Daniel J. Carter**, MS, Eastern Illinois University, Instructor, Early Childhood, Elementary, and Middle Level Education (2001)
- David H. Carwell**, PhD, University of Kentucky, Assistant Professor, Political Science (1990)
- Robert Cataneo**, MS, Eastern Illinois University, Instructor, Geology/Geography (2002)
- Richard Cavanaugh**, PhD, Southern Illinois University-Carbondale, Instructor, Health Studies (1982)
- Julie A. Chadd**, PhD, Southern Illinois University-Carbondale, Assistant Professor, School of Technology (2003)
- T. Christine Chambers**, MS, Eastern Illinois University, Assistant Professor, Communication Disorders and Sciences (1993)
- Craig A. Chesner**, PhD, Michigan Technological University, Professor, Geology/Geography (1989)
- Robert W. Chesnut**, PhD, Purdue University, Associate Professor, Chemistry (1997)
- Ruth Chesnut**, PhD, Purdue University, Instructor, Biological Sciences (1997)
- Ke-Hsin J. Chi**, MFA, New York Academy of Art, Assistant Professor, Art (2002)
- Rigoberto Chinchilla**, PhD, Ohio University, Assistant Professor, School of Technology (2004)
- Ingu Chiou**, PhD, New York University, Associate Professor, School of Business (2000)
- Andreea V. Chiritescu**, MS, Eastern Illinois University, Instructor, Biological Sciences (2005)
- Michael Chron**, MA, Eastern Illinois University, Instructor, Communication Studies (1988)
- Denise C. Clark**, MA, Eastern Illinois University, Instructor, English (1983)
- Penelope Clay**, MA, Washington University, Instructor, Foreign Languages (1993)
- Jon Coit**, PhD, University of Illinois, Assistant Professor, History (2003)
- James A. Coleman**, MS, Eastern Illinois University, Instructor, Communication Studies (2003)
- Linda S. Coleman**, PhD, University of Wisconsin-Milwaukee, Professor, English (1987)
- Marilyn J. Coles**, DMA, University of Illinois, Professor, Music (1988)
- Jonell A. Comerford**, PhD, University of Illinois, Professor, Mathematics and Computer Science (1988)
- Leo P. Comerford, Jr.**, PhD, University of Illinois, Professor, Mathematics and Computer Science (1988)
- Steven Conn**, PhD, Southern Illinois University - Carbondale, Assistant Professor, Counseling and Student Development (1998)

James Conwell, PhD, University of Nebraska, Professor, Physics (1985)

Rebecca J. Cook, PhD, University of Illinois, Professor, Special Education (1990)

Timothy Coombs, PhD, Purdue University, Assistant Professor, Communication Studies (2002)

Janice K. Coons, PhD, University of Wisconsin, Professor, Biological Sciences (1989)

Michael W. Cornebise, PhD, University of Tennessee, Assistant Professor, Geology/Geography (2000)

Janet Cosbey, PhD, University of Akron, Associate Professor, Sociology (1995)

Charles J. Costa, PhD, University of Maryland, Associate Professor, Biological Sciences (1987)

Ayse Costello, PhD, University of Illinois at Urbana-Champaign, Assistant Professor, School of Business (2003)

Thomas Costello, PhD, University of Illinois, Assistant Professor, School of Business (2003)

Patrick R. Coulton, PhD, University of Notre Dame, Professor, Mathematics and Computer Science (1983)

Nancy Coutant, MS, Eastern Illinois University, Instructor, Biological Sciences (1992)

Cameron Craig, MA, Indiana State University, Instructor, Geology/Geography (2005)

Scott A.G.M. Crawford, PhD, University of Queensland, Australia, Professor, Physical Education (1989)

Phyllis T. Croisant, PhD, University of Illinois, Professor, Physical Education (1984)

Richard K. Crome, MS Ed, Eastern Illinois University, Associate Professor, Foreign Languages (1987)

Timothy W. Croy, MS Ed, Eastern Illinois University, Assistant Professor, Early Childhood, Elementary and Middle Level Education (1997)

Deborah D. Cunningham, MSW, University of Illinois, Instructor, Sociology and Anthropology (2001)

Roger E. Cunningham, MA, Eastern Illinois University, Instructor, Sociology/Anthropology (2005)

Robert Curia, MSCS, California State University Long Beach, Instructor, School of Technology (2007)

Lynne E. Curry, PhD, University of Illinois, Associate Professor, History (1994)

Vicki Curts, MA, Indiana State University, Instructor, English (1995)

D

Carrie Dale, PhD, Michigan State University, Assistant Professor, Early Childhood, Elementary and Middle Level Education (2006)

Steven Lee Daniel, PhD, Iowa State University, Associate Professor, Biological Sciences (1997)

Jerry L. Daniels, MM, Drake University, Professor, Music (1982)

Steven W. Daniels, PhD, University of Maryland, Professor, Physics (1991)

Minh Quang Dao, PhD, University of Illinois, Professor, Economics (1987)

Henry H. Davis, PhD, University of North Carolina, Professor, School of Business (1991)

Howard Allen Davis, Jr., PhD, University of Wisconsin, Professor, Mathematics and Computer Science (1987)

James Davis, PhD, Kansas State University, Assistant Professor, Geology/Geography (2003)

Judy K. Davis, MS Ed, Eastern Illinois University, Instructor, Chemistry (1993)

Suzanne A. Davis, JD, University of Illinois, Instructor, School of Business (2004)

Martha Eugenia Deerman, PhD, University of Michigan, Assistant Professor, Sociology/Anthropology (2005)

Mark DeGotti, MM, Indiana University, Instructor, Music (2006)

Carl W. Dell, PhD, Bowling Green State University, Associate Professor, Communication Disorders and Sciences (1985)

Charles I. Delman, PhD, Cornell University, Professor, Mathematics and Computer Science (1994)

Jonelle M. DePetro, PhD, University of Arizona, Associate Professor, Philosophy* (1992)

Daneen Deptula, PhD, University of Memphis, Assistant Professor, Psychology (2003)

Janice M. Derr, MA, University of Columbia-Missouri, Instructor, Library Services (2004)

Jose Deustua-Carvalho, PhD, University of Paris, Associate Professor, History (2001)

Douglas DiBianco, PhD, University of Illinois, Professor, Music (1977)

Julie C. Dietz, PhD, University of Illinois, Professor, Health Studies (1992)

Jean K. Dilworth, MFA, Western Illinois University, Professor, Family and Consumer Sciences (1988)

John Dively, EdD, Illinois State University, Assistant Professor, Educational Administration (2006)

Karen Drage, PhD, Southern Illinois University-Carbondale, Assistant Professor, School of Technology (2005)

Teresa J. Drake, MS, Eastern Illinois University, Instructor, Family and Consumer Sciences (2004)

Jeffrey Duck, MS Ed, Eastern Illinois University, Instructor, Early Childhood, Elementary and Middle Level Education (2001)

Carol Dudley, MA, Southern Illinois University - Edwardsville, Instructor, English (1993)

Glenda Duke, MS, Eastern Illinois University, Instructor, Student Teaching (1998)

E

Charles G. Eberly, PhD, Michigan State University, Professor, Counseling and Student Development (1987)

Craig Eckert, PhD, University of Missouri, Professor, Sociology/Anthropology (1986)

Audrey T. Edwards, EdD, Harvard University, Professor, Secondary Education and Foundations (1989)

Gavin Edwards, PhD, University of Leicester-UK, Instructor, Chemistry (2006)

Lester Edwards, MS Ed, Eastern Illinois University, Instructor, Student Teaching (2005)

Eden L. Effert, MS, Eastern Illinois University, Instructor, Biological Sciences (1998)

Jerry D. Eisenhour, PhD, University of Missouri, Professor, Theatre Arts (1984)

Karen A. Eisenhour, MFA, University of Massachusetts, Professor, Theatre Arts (1994)

Sace Elder, PhD, University of Illinois at Urbana-Champaign, Assistant Professor, History (2003)

Dean S. Elmuti, PhD, North Texas State University, Professor, School of Business (1987)

John D. Emmett, PhD, Pennsylvania State University, Professor, Physical Education (1989)

Darrel A. Enck-Wanzer, MA, Indiana University, Instructor, Communication Studies (2005)

Suzanne Enck-Wanzer, PhD, Indiana University, Assistant Professor, Communication Studies (2005)

Tim D. Engles, PhD, University of Georgia, Associate Professor, English (2000)

Patrick C. Enstrom, MS, Eastern Illinois University, Instructor, Biological Sciences (2000)

Stephen J. Eskilson, PhD, Brown University, Providence, R.I., Associate Professor, Art (1995)

Muriel A. Everton, MS, Florida International University, Instructor, Communication Studies (1991)

Christiane Eydt-Beebe, PhD, Pennsylvania State University, Assistant Professor, Foreign Languages (1998)

Karim Ezzatkhah-Yenggeh, PhD, University of Illinois at Urbana-Champaign, Instructor, Mathematics and Computer Science (2002)

F

Samuel W. Fagaly, DA, University of Northern Colorado, Professor, Music (1991)

Jill Fahy, MA, University of Illinois, Assistant Professor, Communication Disorders and Sciences (2004)

Paul R. Fahy, PhD, University of Connecticut, Associate Professor, Economics (1976)

Nancy Farber, PhD, Ball State University, Assistant Professor, Counseling and Student Development (2002)

Rita Faulkner, PhD, University of Illinois, Instructor, Foreign Languages (2005)

William E. Feltt, MA, Eastern Illinois University, Instructor, English (2002)

Marie Fero, EdD, Northern Arizona University, Assistant Professor, Early Childhood, Elementary, and Middle Level Education (2003)

Patricia Fewell, EdD, Illinois State University, Director, Instructional Materials Center and Professor, Secondary Education and Foundations* (1986)

Beverly Findley, PhD, Indiana State University, Professor, Educational Administration (2001)

Robert U. Fischer, Jr., PhD, University of South Carolina, Professor, Biological Sciences (1994)

Russell D. Fischer, EdD, North Texas State University, Associate Professor, Physical Education (1976)

William Fischer, EdD, Indiana University, Professor, Student Teaching (1992)

Richard L. Flight, PhD, University of Alabama, Assistant Professor, School of Business (2007)

April D. Flood, MS, Eastern Illinois University, Instructor, Early Childhood, Elementary, and Middle Level Education (2000)

Luminita Florea, PhD, Indiana University, Instructor, Music (2006)

Rebecca Fogarty, SSP, Eastern Illinois University, Instructor, Special Education (2003)

Richard F. Foley, PhD, Northwestern University, Associate Professor, Philosophy (2000)

Fabio Fontana, MS, University of Pittsburgh, Assistant Professor, Physical Education (2006)

Gary S. Foster, PhD, Kansas State University, Professor, Sociology/Anthropology* (1981)

Terri Fredrick, PhD, Iowa State University, Assistant Professor, English (2005)

Teresa A. Freking, EdS, University of Iowa, Assistant Professor, Secondary Education and Foundations (1997)

Shelley S. French, PhD, University of Illinois, Associate Professor, Foreign Languages (1989)

Ann Fritz, PhD, Indiana University, Associate Professor, Biological Sciences (2001)

Gary N. Fritz, PhD, University of Florida, Professor, Biological Sciences (1994)

G

Karen F. Gaines, PhD, University of South Carolina, Assistant Professor, Biological Sciences (2005)

Gregory Galperin, PhD, Moscow University, Professor, Mathematics and Computer Science (1994)

Margaret Garrett, BA, Brigham Young University, Instructor, Foreign Languages (1993)

Norman A. Garrett, EdD, Arizona State University, Professor, School of Business (1990)

Linda S. Ghent, PhD, North Carolina State University, Associate Professor, Economics (2000)

Elizabeth Gill, MA, Purdue University, Instructor, Communication Studies (2007)

Matthew Gill, MA, Purdue University, Assistant Professor, Communication Studies (2007)

Joseph Gisondi, MA, University of Central Florida, Assistant Professor, Journalism (2002)

Julia M. Gladu, MS, Eastern Illinois University, Instructor, Physical Education (1994)

James F. Glazebrook, PhD, University of Warwick, Professor, Mathematics and Computer Science (1988)

Frank Goldacker, MS, Eastern Illinois University, Associate Professor, Communication Disorders and Sciences (1989)

Wei Rose Gong, PhD, The Ohio State University, Professor, Secondary Education (1994)

Yevgeniy Gordon, PhD, Moscow State Pedagogical Institute, Associate Professor, Mathematics and Computer Science (2001)

Alan P. Grant, PhD, Kansas State University, Associate Professor, Economics (1997)

Norman Greer, PhD, Southern Illinois University - Carbondale, Associate Professor, Communication Studies (1995)

David Griffin, MFA, University of Illinois, Professor, Art (1992)

Russell Gruber, PhD, University of Cincinnati, Professor, Psychology (1991)

Marko Grunhagen, PhD, University of Nebraska-Lincoln, Associate Professor, School of Business (2007)

Samuel A. Guccione, EdD, Temple University, Associate Professor, School of Technology (2000)

Vincent P. Gutowski, PhD, University of Pittsburgh, Professor, Geology/Geography (1983)

H

Dan Hagen, BA, Eastern Illinois University, Instructor, Journalism (2006)

Assegedetch Haile Mariam, PhD, Central Michigan University, Associate Professor, Psychology (1999)

Eric Hake, PhD, The University of Tennessee, Knoxville, Associate Professor, Economics (1999)

Vicki A. Hampton, MBA, Eastern Illinois University, Instructor, School of Business (1999)

Marjorie Hanft-Martone, MA, University of Oklahoma, Instructor, Psychology (1986)

Christopher Hanlon, PhD, University of Massachusetts-Amherst, Assistant Professor, English (2001)

Mary Anne Hanner, PhD, Indiana State University, Professor, Dean, College of Sciences (1981)

Jeremy Hansen, MM, Eastman School of Music, Rochester, Instructor, Music (2002)

Martin Hardeman, PhD, University of Chicago, Associate Professor, History (1992)

James Harden, MS, Eastern Illinois University, Assistant Professor, Early Childhood, Elementary and Middle Level Education (2006)

Marcia J. Hargis, MS Ed, Eastern Illinois University, Instructor, Student Teaching (1994)

Susan K. Harned, PhD, University of Florida, Instructor, Communication Disorders and Sciences (2004)

Eugene Harrison, EdD, University of Illinois, Professor, Art (1992)

Karen Hart, MS, Eastern Illinois University, Instructor, Family and Consumer Sciences (2000)

Karen Hartbank, MA, Eastern Illinois University, Instructor, Sociology/Anthropology (1988)

Donald L. Haskett, MS, Eastern Illinois University, Instructor, Early Childhood, Elementary and Middle Level Education (2004)

Janet Harris, MA, Indiana State University, Instructor, Economics (2006)

James M. Havey, EdD, Ball State University, Professor, Psychology (1988)

Cheryl Hawker, DA, Illinois State University, Professor, Mathematics and Computer Science (1979)

Thomas Hawkins, EdD, University of Illinois, Assistant Professor, School of Technology (1995)

Rachel Heicher, MA, Eastern Illinois University, Instructor, English (2006)

Morton A. Heller, PhD, Yeshiva University, Professor, Psychology (1998)

Elise Hempel, MA Eastern Illinois University, Instructor, English (2002)

Louis V. Hencken, MEd, Eastern Illinois University (1967)

Darren Hendrickson, PhD, University of Akron, Associate Professor, Sociology/Anthropology (2000)

Ryan Hendrickson, PhD, University of Nebraska-Lincoln, Associate Professor, Political Science (1999)

Joan E. Henn, PhD, University of Tennessee, Professor, Mathematics and Computer Science (1989)

Jennifer Hess, MS, Eastern Illinois University, Instructor, Physical Education (2006)

Peter D. Hesterman, PhD, Eastman School of Music, Professor, Music (1978)

Joseph K. Heumann, MA, University of Iowa, Professor, Communication Studies (1976)

William F. Higel mire, EdD, University of Northern Colorado, Professor, Recreation Administration* (1987)

Glenn J. Hild, MFA, University of Nebraska, Associate Professor, Art* (1979)

Robert V. Hillman, MA/MLS, Brigham Young University, Professor, Library Services (1989)

William C. Hine, EdD, Indiana University, Professor, Dean, School of Continuing Education (1986)

Diane B. Hoadley, JD, Dean, Lumpkin College of Business and Applied Sciences (2002)

W. David Hobbs, PhD, University of Cincinnati, Professor, Music (1991)

Ruth Hoberman, PhD, Columbia University, Professor, English (1984)

Olaf Hoerschelmann, PhD, Indiana University, Associate Professor, Communication Studies (2002)

R. Lance Hogan, PhD, Southern Illinois University, Assistant Professor, School of Technology (2005)

Jennifer Hokinson, MS, Eastern Illinois University, Instructor, Family and Consumer Sciences (2002)

Sherry J. Holladay, PhD, Purdue University, Associate Professor, Communication Studies (2002)

Donald Holly, PhD, Brown University, Assistant Professor, Sociology/Anthropology (2005)

Peggy Holmes-Layman, PhD, University of Illinois, Associate Professor, Recreation Administration (1997)

Christy M. Hooser, PhD, Eastern Illinois University, Associate Professor, Special Education (1989)

Allan L. Horney, MS, University of Illinois, Professor, Music (1974)

Robert Horvath, MFA, University of Illinois at Urbana-Champaign, Instructor, Art, (2004)

Mary L. Hubbard, PhD, Southern Illinois University, Professor, Family and Consumer Sciences (1979)

Carol Hubbardt, MA, University of Illinois at Springfield, Instructor, Student Teaching (2004)

William Hubschmitt, PhD, Suny Binghamton, Associate Professor, Art (1996)

Virginia E. Humphrey, MS Ed, Eastern Illinois University, Instructor, Special Education (2004)

Aaron Hunt, MM, University of Cincinnati, Instructor, Music (1999)

Kathryn A. Hussey, MS, Eastern Illinois University, Instructor, Physical Education (1996)

Kevin Hussey, PhD, University of South Carolina, Professor, Physical Education (1995)

Ned Huston, PhD, University of Kansas, Instructor, English (2002)

Leslie S. Hyder, EdD, University of Tennessee, Professor, Journalism (1994)

I

Abdou Illia, PhD, Université Laval, Assistant Professor, School of Business (2002)

Nenad Ilic, MS, University of Manitoba, Instructor, Physics (2001)

Diana S. Ingram, MA, Eastern Illinois University, Instructor, Communication Studies (1986)

Bonnie D. Irwin, PhD, University of California at Berkeley, Professor, Dean, Honors College (1994)

Mahyar Izadi, PhD, Southern Illinois University, Professor, School of Technology* (1984)

J

Angela S. Jacobs, PhD, Southern Illinois University, Instructor, Communication Studies (2001)

Diane Jackman, PhD, University of Minnesota, Professor, Dean, College of Education and Professional Studies (2006)

Olivet Jagusah, EdD, Northern Illinois University, Assistant Professor, Secondary Education and Foundations (1999)

Linda L. Jenkins-Taylor, MS, Southern Illinois University, Instructor, Communication Studies (1988)

Matthew Jennings, PhD, University of Illinois, Instructor, History (2006)

Gary Jensen, MM, Northwestern University, Assistant Professor, Music (2001)

Kyungsoon Jeon, PhD, University of Georgia, Assistant Professor, Mathematics and Computer Science (2004)

Lisa Jobe, MBA, Eastern Illinois University, Instructor, School of Technology (2003)

Elizabeth Johnson-Miller, MS, Austin Presbyterian Theological Seminary, Instructor, Communication Studies (1998)

James K. Johnson, MFA, University of Kansas, Professor, Dean, College of Arts and Humanities (1978)

John W. Johnson, BA, Indiana University, Instructor, Department of Journalism (2003)

Sandra J. Johnson, MS Ed, Eastern Illinois University, Instructor, Secondary Education and Foundations (1996)

Sarah Johnson, MA/MLS University of Michigan, Associate Professor, Library Services (2002)

Terri Lynn Johnson, MA, Ball State University, Assistant Professor, Journalism (2003)

James S. Johnston, PhD, University of Illinois, Instructor, Secondary Education and Foundations (2003)

Paul R. Johnston, MM, Indiana University, Instructor, Music (2004)

Melissa L. Jones, PhD, Indiana State University, Assistant Professor, Special Education (2002)

Sonja J. Jones, Ms Ed, Eastern Illinois University, Instructor, Early Childhood, Elementary, and Middle Level Education (2004)

Donald E. Jordan, MA, Eastern Illinois University; MS, Indiana State University, Instructor, Economics (2004)

James Jordan-Wagner, PhD, University of North Texas, Professor, School of Business** (1990)

William Joyce, PhD, University of Nebraska-Lincoln, Associate Professor, School of Business (1999)

K

John Kaare, MBA, University of Illinois, Instructor, School of Business (2004)

Christopher B. Kahler, MFA, Northwestern University, Associate Professor, Art (2001)

Joy M. Kammerling, PhD, University of Chicago, Associate Professor, History (1994)

Ebrahim Karbassioon, PhD, University of Nebraska, Lincoln, Professor, Economics* (1980)

Mahmoud Kashefi, PhD, Indiana University, Professor, Sociology/Anthropology (1990)

Yunus Kathawala, PhD, University of Georgia, Professor, School of Business (1982)

Mark Kattenbraker, MS, Eastern Illinois University, Associate Professor, Physical Education (2005)

Susan J. Kaufman, PhD,+ Indiana State University, Professor, Journalism (1986)

Amy M. Kemp, MS, Central Washington University, Instructor, Secondary Education and Foundations (2004)

Karla Kennedy-Hagan, PhD, University of Illinois-Urbana at Urbana-Champaign, Assistant Professor, School of Family & Consumer Sciences (1998)

Newton E. Key, PhD, Cornell University, Professor, History (1989)

Belayet Khan, PhD, University of Pittsburgh, Associate Professor, Geology/Geography (1986)

John Kilgore, PhD, University of California, Irvine, Professor, English (1979)

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Renee E. King, MBA, Eastern Illinois University, Instructor, School of Business (1997)

Catherine Kirby, MS Ed, University of Illinois, Instructor, School of Technology (1994)

Linda J. Kirby, MS Ed, Eastern Illinois University, Instructor, Special Education (1994)

Douglas G. Klarup, PhD, University of California, Professor, Chemistry* (1995)

Susan J. Kling, MBA, Eastern Illinois University, Instructor, School of Business (2004)

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Roann R. Kopel, PhD, University of North Carolina, Professor, School of Business (1991)

Fern E. Kory, PhD, University of California, Professor, English (1990)

Johnson Kuma, MA/MLS, St. John's University, Professor, Library Services (1992)

Michael Kuo, PhD, Indiana University of Pennsylvania, Instructor, English (1995)

L

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Vanessa Landrus, AM, University of Illinois – Carbondale, Instructor, Foreign Languages (2003)

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Stephen F. Laribee, DBA, Kent State University, Professor, School of Business (1989)

Heidi Larson, PhD, Indiana State University, Assistant Professor, Counseling and Student Development (2005)

Marshall B. Lassak, PhD, University of Northern Colorado, Assistant Professor, Mathematics and Computer Science (2001)

Emily Latch, PhD, Purdue University, Instructor, Biological Sciences (2006)

Patricia B. Laube, MS, Eastern Illinois University, Instructor, School of Technology (1999)

Gary Laumann, PhD, University of Illinois, Assistant Professor, Family & Consumer Sciences (2006)

Cheryl Laursen, MS, University of Wisconsin, Instructor, Biological Sciences (1995)

Jeffrey R. Laursen, PhD, University of Minnesota, Associate Professor, Biological Sciences (1994)

Barbara A. Lawrence, PhD, University of California - Irvine, Professor, Chemistry (1997)

Linda Leal, PhD, Tulane University, Professor, Psychology (1985)

Michael Leddy, PhD, Boston College, Professor, English (1985)

Jin-hee Lee, PhD, University of Illinois, Assistant Professor, History (2005)

Young Sook Lee, PhD, Temple University, Professor, Philosophy (1994)

Cherie Lehman, MS, Indiana State, Instructor, Physics (2006)

Gloria Leitschuh, PhD, University of Illinois, Professor, Counseling and Student Development (1994)

Diana E. Lenzi, MS, Eastern Illinois University, Instructor, Physical Education (2005)

Mary M. Leonard-Cravens, MFA, Northern Illinois University, Professor, Art (1986)

Graham Lewis, MFA, University of Arkansas, Instructor, English (1993)

Hui Li, PhD, University of New Mexico, Assistant Professor, Economics (2004)

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Crystal Yan Lin, PhD, Old Dominion University, Assistant Professor, School of Business (2004)

Karen S. Lindley, MS Ed, Eastern Illinois University, Instructor, School of Business (1991)

David Linton, MS, University of New Mexico, Instructor, Physics (2004)

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Gwen G. Little, MS Ed, Eastern Illinois University, Instructor, Physical Education (1987)

Ping Liu, PhD, Iowa State University, Professor, School of Technology (1991)

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Joseph M. Martin, MM, East Carolina University, Associate Professor, Music (1969)

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John P. Martone, PhD, Brown University, Professor, English (1985)

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Leslie E. Mason, MS Ed, University of Illinois, Instructor, Student Teaching (2005)

Timothy I. Mason, PhD, Indiana University, Associate Professor, Economics (1989)

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Christine McCormick, PhD, University of Minnesota, Professor, Psychology (1982)

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- Allen C. McCowan**, EdD, University of Illinois, Instructor, Student Teaching (1976)
- Thomas N. McDonald**, PhD, Virginia Tech, Assistant Professor, School of Technology (2005)
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- Dolly J. McFarland**, EdS, Eastern Illinois University, Instructor, Physical Education (1999)
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- James A. McGaughey**, EdD, University of Illinois, Associate Professor, Biological Sciences (1990)
- Kip McGilliard**, PhD, University of Minnesota, Associate Professor, Biological Sciences (1985)
- David G. McGrady**, MBA, University of Texas, Instructor, School of Business (1986)
- Francine P. McGregor**, PhD, University of Connecticut, Assistant Professor, English (2001)
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- Michelle Meadows**, PhD, Indiana State University, Assistant Professor, Family and Consumer Sciences (1997)
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- David W. Melton**, PhD, Utah State University, Assistant Professor, Industrial Technology (2007)
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- Andrew E. Mertz**, PhD, University of Kentucky, Assistant Professor, Mathematics and Computer Science (2004)
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- Melinda A. Mueller**, PhD, University of Rochester, Professor, Political Science (1995)
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- Kathleen A. O'Rourke**, PhD, University of Tennessee, Associate Professor, Family and Consumer Sciences (2001)
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- Candice Osenga**, MA, University of Illinois, Assistant Professor, Communication Disorders and Sciences (2007)
- Nick Osborne**, PhD, Southern Illinois University-Carbondale, Assistant Professor, Educational Administration (2001)
- Dannie L. Otto**, MA, University of Toronto, Instructor, Philosophy (1993)
- Thomas M. Over**, PhD, University of Colorado, Assistant Professor, Geology/Geography (2000)
- Henry R. Owen**, PhD, Virginia Polytechnic Institute, Professor, Biological Sciences (1994)
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- P**
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- Donald D. Pakey**, PhD, University of Illinois, Associate Professor, Physics (1990)
- Richard J. Palmer**, DBA, Southern Illinois University-Carbondale, Lumpkin Distinguished Professor, School of Business (2000)
- Jyoti Panjwani**, PhD, University of Illinois, Associate Professor, English (1996)
- Suzie Park**, PhD, University of California, Assistant Professor, English (2005)
- Olinda Pavao Braga de Souza**, MA, University of Illinois, Instructor, Foreign Languages (1992)
- Dawn Paulson**, MS Ed, Eastern Illinois University, Assistant Professor, Secondary Education and Foundations (2005)
- Mildred Pearson**, EdD, Oklahoma State University, Assistant Professor, Early Childhood, Elementary, and Middle Level Education (2003)
- Charles L. Pederson**, PhD, University of North Dakota, Professor, Biological Sciences (1989)
- Rebecca A. Peebles**, PhD, University of Michigan, Assistant Professor, Chemistry (2001)
- Sean A. Peebles**, PhD, University of Exeter, Assistant Professor, Chemistry (2001)

- Gopal Periyannan**, Assistant Professor, Chemistry (2006)
- Terry Perkins**, PhD, University of Kansas, Professor, Communication Studies (1979)
- Robert S. Petersen**, PhD, University of Hawaii at Manitoaba, Assistant Professor, Art (1998)
- Kathleen P. Phillips**, PhD, Southern Illinois University, Professor, Health Studies (1978)
- Amanda Poffinbarger**, MS, Southern Illinois University, Instructor, Biological Sciences (2000)
- John H. Pommier**, PhD, Texas A & M, Professor, Recreation Administration (1996)
- Barbara L. Poole**, PhD, Kent State University, Professor, Political Science (1989)
- Brian Poulter**, MFA, University of Wisconsin, Professor, Journalism (1992)
- Patricia Poulter**, EdD, University of Illinois, Associate Professor, Music* (1994)
- Barbara M. Powell**, PhD, University of Illinois, Professor, Counseling and Student Development (1992)
- Jay Prefontaine**, MFA, University of Arkansas, Instructor, English (1996)
- Scott C. Preston**, MBA, Eastern Illinois University, Instructor, School of Business (1986)
- Lee Ann Price**, MS, Eastern Illinois University, Assistant Professor, Physical Education (2001)
- Brian Pritschet**, PhD, University of Illinois, Professor, Physical Education (1995)
- Beth Puricelli**, MS, Eastern Illinois University, Instructor, Family and Consumer Sciences (2007)
- R**
- Karl Rademacher**, MFA, Illinois State University, Instructor, Art (2004)
- David Radavich**, PhD, University of Kansas, Professor, English (1984)
- Ann Coddington Rast**, MFA, University of Illinois at Urbana-Champaign, Assistant Professor, Art (2004)
- Shannon Rauch**, PhD, Saint Louis University, Assistant Professor, Psychology (2006)
- Ollie M. Ray**, PhD, University of Utah, Professor, Health Studies (1990)
- David Raybin**, PhD, Columbia University, Professor, English (1981)
- Mary Redden**, MS, Eastern Illinois University, Instructor, Physical Education (1989)
- Alberta A. Reed**, MS, Chicago State University, Instructor, Mathematics and Computer Science (1990)
- Kathleen Reed**, MA, Eastern Illinois University, Instructor, Communication Studies (1993)
- Denise Rehm-Mott**, MFA, Indiana University, Professor, Art (1984)
- Debra A. Reid**, PhD, Texas A & M, Associate Professor, History (1999)
- Denise E. Reid**, MAE, University of Alabama at Birmingham, Assistant Professor, Early Childhood, Elementary and Middle Level Education (1997)
- Linda M. Reven**, PhD, Ohio University, Professor, Early Childhood, Elementary, and Middle Level Education (1990)
- Kathryn Rhodes**, BS, Eastern Illinois University, Instructor, School of Family and Consumer Sciences (2004)
- Gail Richard**, PhD, Southern Illinois University, Professor, Communication Disorders and Sciences* (1981)
- Darlene J. Riedemann**, MBA, Loyola University - Chicago, Instructor, School of Business (2000)
- Bobette Rife**, MA, Eastern Illinois University, Instructor, Communication Studies (1993)
- Dana J. Ringuette**, PhD, University of Washington, Professor, English* (1990)
- Susan Rippy**, MS, Eastern Illinois University, Instructor, Family and Consumer Sciences (1994)
- Clayton L. Roan**, MA, Eastern Illinois University, Instructor, Mathematics and Computer Science (2003)
- Richard Roberts**, PhD, University of North Texas, Professor, Counseling and Student Development* (1998)
- William A. Robinson**, PhD, Capella University, Instructor, Communication Studies (2005)
- Michael Rogers**, MA, Eastern Illinois University, Instructor, Political Science (1997)
- Phillip Rogers**, MS, Eastern Illinois University, Instructor, Student Teaching (2003)
- Paul Rogowski**, MA, State University of New York, Instructor, Mathematics and Computer Science (2003)
- Gregory S. Ronse**, PhD, Kansas State University, Associate Professor, Mathematics and Computer Science (1984)
- Steven D. Roper**, PhD, University of Missouri, Columbia, Associate Professor, Political Science (2000)
- Ira Rosenholtz**, PhD, University of Wisconsin, Professor, Mathematics and Computer Science (1990)
- Richard R. Rossi**, MFA, Carnegie-Mellon University, Associate Professor, Music (2000)
- Christie L. Roszkowski**, JD, University of Illinois, Associate Professor, School of Business (1988)
- Kristin E. Routt**, PhD, Indiana University, Assistant Professor, Foreign Languages (2000)
- Stacey L. Ruhoff**, MS, Eastern Illinois University, Assistant Professor, Physical Education (2001)
- Joy L. Russell**, PhD, Indiana State University, Assistant Professor, Special Education* (1985)
- Kathreen A. Ryan**, PhD, University of Illinois, Instructor, Music (1998)
- John M. Ryan**, PhD, Southern Illinois University, Professor, Journalism (1985)
- S**
- Joseph M. Sain**, BA, Eastern Illinois University, Faculty Assistant, Theatre Arts (1977)
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- Beth Sanner**, MS, Eastern Illinois University, Instructor, Family and Consumer Sciences (2006)
- Steven J. Scher**, PhD, Princeton University, Professor, Psychology (1996)
- Cathy Schoonover**, MA, Eastern Illinois University, Instructor, Psychology (2005)
- Lucia Schroeder**, PhD, University of North Dakota, Assistant Professor, Early Childhood, Elementary, and Middle Level Education (2004)
- Sonya L. Schuette**, MS, Eastern Illinois University, Instructor, Physical Education (1998)
- Martin Scott**, PhD, University of Houston, Assistant Professor, English (2002)
- William J. Searle**, PhD, Purdue University, Professor, English (1976)
- Nida Sehweil-Elmuti**, MS, Eastern Illinois University, Instructor, Biological Sciences (1993)
- Anita Sego**, MS, Eastern Illinois University, Instructor, Health Studies (2001)
- Richard G. Seitz**, MA/MLS, University of Illinois/MA, University of Washington, Assistant Professor, Library Services (1994)
- M. Mehdi Semati**, PhD, Associate Professor, University of Missouri - Columbia, Communication Studies (2000)
- Kathlene S. Shank**, PhD, University of Illinois, Professor, Special Education* (1970)
- Anupama Sharma**, PhD, State University of New York at Buffalo, Associate Professor, Psychology (2000)
- Katherine Shaw**, MS, Eastern Illinois University, Instructor, Family and Consumer Sciences (2004)
- Daniel J. Sheeran**, PhD, University of Kansas, Associate Professor, Chemistry (1991)
- Anita K. Shelton**, PhD, University of Washington, Associate Professor, History* (1988)
- Gayle Shepherd**, EdS, Eastern Illinois University, Instructor, Early Childhood, Elementary and Middle Level Education (2004)
- Michael Shirley**, JD, George Washington University, and PhD, University of Illinois, Assistant Professor, History (1998)
- Timothy A. Shonk**, PhD, University of Tennessee at Knoxville, Associate Professor, English (1981)
- Sheila Simons**, PhD, Southern Illinois University at Carbondale, Associate Professor, Health Studies (1992)
- Linda D. Simpson**, PhD, University of Illinois, Professor, Family and Consumer Sciences (1997)
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- Penka Skachkova**, PhD, State University of New York, Buffalo, Instructor, College of Arts and Humanities (2005)
- James L. Slavik**, PhD, Florida State University, Associate Professor, Family and Consumer Sciences (1987)
- Marlene Slough**, MA/MLS, University of Missouri - Columbia, Professor, Library Services (1993)
- William Slough**, PhD, Washington State University, Professor, Mathematics and Computer Science (1992)
- Nora Pat Small**, PhD, Boston University, Professor, History (1995)
- Betty Smith**, PhD, University of Buffalo, Associate Professor, Geology/Geography (1995)
- David K. Smith**, PhD, University of Pennsylvania, Professor, History (1997)
- Denise Smith**, JD, Baylor University, Assistant Professor, School of Business (2006)
- James David Smith**, PhD, Carnegie Mellon University, Assistant Professor, English (2003)
- LeAnn Smith**, MA, Eastern Illinois University, Instructor, English (1997)
- Mary Smith**, MM, Ohio State University, Instructor, Music (2006)
- Jean M. Smitley**, MS, Eastern Illinois University, Associate Professor, Communication Disorders and Sciences (1991)
- Jeffrey Snell**, DBA, Louisiana Tech University, Associate Professor, School of Business (2000)
- Jeanne R. Snyder**, PhD, University of Illinois at Urbana-Champaign, Associate Professor, Family and Consumer Sciences (2000)
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- Keith D. Spear**, MA, Eastern Illinois University, Instructor, English (1995)
- Walter B. Spencer**, PhD, Baylor University, Professor, Psychology (1971)
- Shirley Staske**, PhD, University of Illinois, Professor, Communication Studies (1995)
- Jeffrey Steiner**, MA, Indiana University of Pennsylvania, Instructor, Music (2005)
- Grant C. Sterling**, PhD, University of Iowa, Assistant Professor, Philosophy (1990)
- Carol D. Stevens**, PhD, Bowling Green State University, Professor, English (1981)

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Rachel Vaughn, MA, Eastern Illinois University, Instructor, English (2005)

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Barbara A. Walker, PhD, Southern Illinois University, Professor, Health Studies (1986)

Brent Walker, PhD, University of Illinois, Assistant Professor, Physical Education (2005)

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Richard A. Wandling, PhD, Miami University, Professor, Political Science* (1987)

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Jane P. Wayland, PhD, University of North Texas, Professor, School of Business (1991)

Robert F. Wayland, PhD, University of North Texas, Associate Professor, School of Business (1991)

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Carl E. Weaver, MS, University of Illinois, Instructor, Mathematics and Computer Science (1985)

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John A. Whisler, MM/MLS, University of Iowa, Professor, Library Services (1981)

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Richard Wilkinson, PhD, University of Missouri-Columbia, Assistant Professor, School of Family & Consumer Sciences (2003)

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John Willems, PhD, Indiana University, Associate Professor, School of Business (1993)

Erma Jean Williams, PhD, Southern Illinois University, Associate Professor, Student Teaching (1981)

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IX. INDEX

A

Academic Advising, 184, 186
 Academic Assessment and Testing, 184, 186
 Academic and Professional Development, 187
 Accommodations, Living, 183
 Academic Calendars, 5-8
 Academic Integrity, 19
 Academic Load, 19
 Undergraduate Student in Good Standing, 19
 Academic Services, 184
 Academic Advising Center, 184, 186
 Academic Assessment and Testing, 184, 186
 Academic Success Center, 184, 186
 Assessment, 184
 Center for Academic Support and Achievement (CASA), 184, 186
 Counseling Center, 184, 188
 Disability Services, 184, 186
 Education Abroad, 184
 EIU Program, 184
 International Programs, 184
 Library, 184, 187
 Mathematics Diagnostic Center, 184
 Reading Center, 184
 Speech-Language-Hearing Clinic, 184
 Term Paper Clinics, 184
 Tutoring, 184
 Writing Center, 184
 Academic Standing, 17
 Dean's List, 18
 Deferred Credit, 17
 Definition of Grading Period, 18
 Good Standing, 18
 Grade Appeals, 17
 Grade Corrections, 18
 Grade Point Average, 18
 Grades, 17
 Honors List, 18
 Incomplete for Courses Earning Letter Grades, 17
 Policy on Incomplete Grades, 17
 Provost's List, 18
 Academic Success Center, 184, 186
 Academic Waivers, 17
 Academic Warning/Probation/Dismissal, 18
 Academic Dismissal, 18
 Academic Probation, 18
 Academic Warning, 18
 Reinstatement Following Academic Dismissal, 18
 Accountancy, 53, 114
 Accounting Program's Mission Statement, 53
 Admission Requirements, 53
 Course Descriptions, 114
 Major, 53
 Accreditation, 8
 Activities and Services, 184
 Administrative Drop, 20
 Administrative Staff, 186
 Admissions, 9, 186
 Admission Policies, 9
 Adult Student Admission Policy, 11
 Beginning Freshmen, 10
 Concurrent High School Enrollment, 10
 Gateway Program, 11
 Graduate Students, 10
 Graduates of Non-Accredited or Non-Recognized High Schools, 10
 High School Subject Requirements, 9
 International Applicants, 11

Matriculation, 9
 Native Students, 10
 Non-matriculated Student Enrollment (Guest Students), 10
 Transfer Students, 10
 Admission Procedures, 11
 Adult Student Admission Policy, 11
 Beginning Freshmen, 12
 Enrollment, 12
 Former Students Who Have Graduated, 12
 Former Undergraduate Students, 12
 Illinois State Immunization Compliance, 12
 New Student Orientation, 12
 Readmission, 12
 Registration Procedures, 12
 Transfer Students, 12
 Unclear Records, 12
 Admission Requirements, 9
 Adult Degree Programs, 110
 Adult Education Minor, 71
 Adult Student Admission Policy, 11
 Advertising Minor, 107
 African-American Studies, 31, 115
 African-American Studies Minor, 31
 B.S. in African-American Studies, 31
 Course descriptions, 115
 Alumni Association, 8, 187
 Application for Degree Audit, 20
 Art, 31, 116
 Art History Minor, 34
 Art Minor, 34
 B.A. in Art: Art History Option, 31
 B.A. in Art: Graphic Design Option, 32
 B.A. in Art: Studio Art Option, 32
 B.A. in Art: Teacher Certification Option, 33
 Course Descriptions, 115
 Asian Studies Minor, 107
 Assessment, 182, 184
 Assessment and General Education, 22
 Athletics, 186
 Attendance, Class, 19
 Auditing of Courses, 55

B

Bachelor Degree Requirements, 13
 Biological Sciences, 85, 119
 B.S. in Biological Sciences, 85
 B.S. in Biological Sciences: Environmental Biology Option, 85
 Biological Sciences Honors Program, 86
 Biological Sciences Minor, 86
 Biological Sciences Teacher Certification, 86
 Course Descriptions, 119
 Board of Trustees of Eastern Illinois University, 8
 Appointed Members, 8
 Officers, 8
 Student Member, 8
 Bond Statement, 184
 Broadcast Meteorology Minor, 107
 Budget, 187
 Business Administration, 54
 B.S.B. in Business Administration, 54
 Business Administration Minor, 54
 Business Honors Program, 54
 Business Affairs, 187
 Business Services and Treasurer, 187

C

Calendar, Academic, 5-7
 Campus, 8
 Campus Recreation, 184, 187
 Career and Organization Studies, 60, 122
 Areas of Concentration, 61
 B.S. in Career and Organizational Studies, 60
 Course Descriptions, 122
 Career and Technical Education, 61, 123
 B.S. in Career and Technical Education, 61
 Business Education, 61

Course Descriptions, 123
 Family and Consumer Science Education, 62
 Technology Education, 61
 Career Services, 184, 188
 Catalog Requirements, Optional, 13
 Center for Academic Support and Achievement, 184, 186
 Center for Academic Technology Support, 184
 Chemistry, 87, 123
 B.S. in Chemistry, 87
 Chemistry Concentrations, 86
 Chemistry Honors Program, 87
 Chemistry Minor, 87
 Chemistry Teacher Certification, 87
 Course Descriptions, 123
 Civil Rights, Affirmative Action and Diversity, 184, 186
 Class Attendance, 19
 Classification of Students, 17, 110
 Clinical Laboratory Sciences, 88, 125
 B.S. in Clinical Laboratory Science, 87
 Clubs, Departmental, 183
 College of Arts and Humanities, 29, 30, 186
 African-American Studies, 31, 114
 Art, 31, 115
 Communication Studies, 35, 126
 English, 37, 132
 Faculty in the College of Arts and Humanities, 30
 Foreign Languages, 39, 137
 General Mission, 30
 History, 41, 149
 Journalism, 42, 159
 Music, 44, 159
 Philosophy, 48, 165
 Theatre Arts, 49, 179
 Women's Studies Minor, 51, 181
 College of Education and Professional Studies, 29, 66, 71, 186
 General Mission, 66
 Admission Requirements, 66
 Adult Education Minor, 71
 Faculty in the College of Education and Professional Studies, 66
 Early Childhood, Elementary and Middle Level Education, 72, 131, 160
 Health Studies, 75, 145
 Kinesiology and Sports Studies, 77, 152
 Physical Education, *See Kinesiology and Sports Studies*
 Recreation Administration, 79, 173
 Special Education, 81, 178
 Student Teaching, 69, 180
 Teacher Certification, 66
 College of Sciences, 29, 84, 124, 186
 Biological Sciences, 85, 119
 Chemistry, 87, 123
 Clinical Laboratory Science, 88, 125
 Committee Program Coordinators, 85
 Communication Disorders and Sciences, 89, 126
 Economics, 89, 130
 Engineering, 98
 Faculty in the College of Sciences, 84
 General Mission, 84
 Geology/Geography, 91, 129, 142, 143
 Mathematics and Computer Science, 93, 157
 Nursing, 94, 166
 Physics, 95, 168
 Political Science, 99, 170
 Pre-Engineering, 98
 Pre-Medical Information (Pre-Medicine), Pre-Dentistry, Pre-Veterinary (Medicine), 86

- Pre-Nursing, Optometry, Pharmacy, Chiropractic, Physician's Assistant, Physical Therapy Programs, 86
 Psychology, 100, 172
 Science with Teacher Certification, 101
 Social Science Teaching, 103
 Sociology-Anthropology, 105, 115, 177
 Commencement, 20
 Communication Disorders and Sciences, 88, 126
 Admission to the Major, 88
 B.S. in Communication Disorders and Sciences, 88
 Communication Disorders and Sciences Honors Program, 88
 Course Descriptions, 126
 Communication Studies, 35, 126
 B.A. in Communication Studies:
 Communication Theory and Practice Option, 35
 B.A. in Communication Studies: Corporate Communication Option, 35
 B.A. in Communication Studies: Mass Communication Option, 35
 B.A. in Communication Studies: Public Relations Option, 36
 B.A. in Communication Studies: Rhetoric and Public Advocacy, 36
 Broadcast News Concentration, 35
 Communication Studies Honors Program, 36
 Communication Studies Minor, 36
 Course Descriptions, 126
 Electronic Media Production Concentration, 35
 Honors, 36
 Interdisciplinary Minors, 36, 107
 Media Studies Concentration, 36
 Community Health Minor, 76
 Completion of Graduation Requirements, 21
 Compliance with Higher Education Act, Title II, *inside front cover*
 Compliance with the Americans with Disabilities Act, *inside front cover*
 Computer Information Systems, *See Management Information Systems*
 Conduct Code, Student, *inside front cover*
 Conferences, Institutes, and Workshops, 110
 Constitution Requirement, 14, 22
 Continuing Education, 110
 Contract-Credit Courses, 110
 Correspondence and Extension Courses
 Credit, 15
 Counseling Center, 184, 188
 Course Descriptions, 114
 Accounting, 114
 African-American Studies, 115
 Anthropology, 115
 Art, 116
 B.A. in General Studies, 118
 Biological Sciences, 119
 Business, 121
 Career and Organizational Studies, 122
 Career and Technical Education, 123
 Chemistry, 123
 Clinical Laboratory Science, 125
 College of Sciences, 125
 Communication Disorders and Sciences, 126
 Communication Studies, 126
 Computer Information Systems, *See Management Information Systems*
 Earth Science, 129
 Economics, 130
 Education, 131
 Educational Foundations, 132
 Educational Psychology, 132
 Elementary Education, 132
 English, 133
 Family and Consumer Sciences, 136
 Finance, 138
 Foreign Languages, 138
 General Studies, 142
 Geography, 142
 Geology, 143
 Health Studies, 145
 History, 146
 Honors, 148
 Industrial Technology, 148
 Journalism, 150
 Kinesiology and Sports Studies, 152
 Latin American Studies, 155
 Management, 155
 Management Information Systems, 156
 Marketing, 157
 Mathematics & Computer Science, 157
 Middle Level Education, 160
 Military Science, 160
 Music, 161
 National Student Exchange, 166
 Nursing, 166
 Philosophy, 166
 Physical Education, *See Kinesiology and Sports Studies*
 Physical Sciences, 168
 Physics, 168
 Political Science, 170
 Psychology, 172
 Recreation Administration, 173
 Secondary Education, 174
 Senior Seminar, 175
 Social Science, 177
 Sociology, 177
 Special Education, 178
 Strategies for Academic Success, 180
 Student Leadership, 180
 Student Teaching, 180
 Study Abroad, 180
 Theatre Arts, 180
 University Foundations, 183
 Women's Studies, 183
 Course Enrollment, 19
 Course Information, 113
 Course, Withdrawal from a, 20
 Course, Repeating, 20
 Coursework, Definition of
 Remedial/Developmental, 14
 Credit, 14
 3 Ways To Complete General Education, 15
 Academic Waivers, 17
 Associate Degree Benefits, 14
 Catalogs prior to Fall 2000, 14
 Credit by Proficiency Examinations, 16
 Credit Earned at Eastern Illinois University, 14
 Credit for Correspondence and Extension Courses, 15
 Credit for Nationally Standardized Tests, 14
 Credit for Out-of-State and non-IAI Colleges, 15
 Credit from a College or University taken While in High School, 15
 Credit/No Credit Option, 16
 Cultural Diversity/Constitution Requirements, 14
 Evaluation of Transfer Credit, 16
 Exemptions, 16
 Fall 2000 and subsequent catalogs, 14
 General Education Segments, 22
 IAI "Phase I" Benefits, 14
 IAI "Phase II" Benefits, 14
 IAI Implementation, 15
 Illinois Articulation Initiative (IAI), 14
 Important Points About Eastern and the IAI, 15
 Independent Study, 16
 Internship, 16
 Optional Catalog Rule, 14
 Students Who Transfer to Eastern without an AA, AS, ASA degree or the IAI GECC, 14
 Transfer Credit, 14
 Who Must Complete Eastern's General Education Program, 15
 Credit for Continuing Education Courses, 110
 Credit by Proficiency Exam, 16
 Criminal Background Investigations, 68, 70
 Criminology Minor, 107
 Cultural Diversity, *inside front cover*, 14, 23
- ## D
- Dean's List, 18
 Declaring a Major, 17
 Deferred Credit, 17
 Definition of Remedial/Developmental Coursework, 14
 Definition of Terms, 30
 Degree, 67
 Major, 67
 Option, 67
 Minor, 67
 Degree Audit, Application for, 20
 Degree, Definition of, 30
 Degree Requirements Review Application, 56
 Degrees with Distinction, 21
 Disabilities Act, *inside front cover*
 Disability Services, 184, 186
 Dismissal, Academic, 18
 Drop, Administrative, 20
 Dual Certification Programs, 81
 Academic Areas, 82
 Art, 82
 Business Education, 82
 Career and Technical Education, 82
 Early Childhood Special Education and Early Childhood Education, 81
 Family and Consumer Sciences, 82
 Health Studies, 83
 Mathematics, 83
 Music Education, 83
 Special Education and Elementary Education, 81
 Special Education and Secondary Education, 82
 Technology Education, 82
- ## E
- Early Childhood, Elementary, and Middle Level Education, 72, 131, 158
 B.S. Education in Elementary Education: Middle School Option Elementary Certificate (K-9), 74
 B.S. in Education in Early Childhood Education, 72
 B.S. in Elementary Education: General Option Elementary Certificate (K-9), 73
 Concentration for Elementary Education General Option, 73
 Early Childhood Education Certificate (Birth-Grade 3) Concentration Child and Family Studies, 73
 Early Childhood Education (Birth-Grade 3) Concentration Special Education, 73
 Elementary Education Middle School Option Concentration, 75
 Earth Science Minor, 92
 Earth Science Teacher Certification, 101, 102
 Earth Science Course Descriptions, 128
 Eastern Illinois Chief Administrative Officers, 8, 184
 President, 8, 184
 Provost and Vice President for Academic Affairs, 8, 184
 Vice President for Business Affairs, 8, 185
 Vice President for External Relations, 8, 185
 Vice President for Student Affairs, 8, 185
 Economics, 89, 130
 B.A. in Economics, 89
 Course Descriptions, 130

- Economics Honors Program, 90
Economics Minor, 91
Economics: International Studies Option, 80
Education Abroad, 184
Education Administration, 107
Education Scholars Program, 69
EIU4 Program, 184
Employment and Labor Relations, 187
Engineering (Pre-Engineering), 98
English, 37, 133
 B.A. in English, 37
 B.A. in English: English Language Arts Option for Teacher Certification, 38
 Course Descriptions, 133
 Creative Writing Minor, 39
 English Honors Program, 39
 English Minor, 39
 English with Language Arts Certification Option, 38
 Professional Writing Minor, 39
English Proficiency, Oral, *inside front cover*
Enrollment, Course, 19
Enrollment Management (See the Office of the Registrar and Enrollment Management), 186
Enrollment Procedures, 12
Environmental Health and Safety, 187
Exams, Final, 20
Exams, Special, 21
Expenses, 184
External Relations, 187
 Alumni Services, 187
 Development, 187
 Foundation, 187
 Planning and Institutional Studies, 187
 Radio-TV Center, 187
 University Communications, 187
 Vice President for External Relations, 187
- F**
Facilities Planning and Management, 187
Family and Consumer Sciences, 58, 136
Family and Consumer Sciences Honors Program, 60
Family and Consumer Sciences: Apparel and Textiles, Consumer Studies, Hospitality, and Merchandising Option, 58
 Apparel & Textiles Design Concentration, 58
 Consumer Studies Concentration, 58
 Hospitality Management Concentration, 58
 Merchandising Concentration, 58
Family and Consumer Sciences Minor, 60
Family and Consumer Sciences Dietetics Option, 59
Family and Consumer Sciences Family Services Option, 59
Fees, 182
 Continuing Education, 110
 Study Abroad, 26
Field Trips, 20
Film Studies Minor, 108
Final Examination Changes, 20
Finance, 55, 138
Financial Aid, 184 188
 Application, 184
 Army ROTC, 184
 Federal Work Study, 184
 Grants, 184
 Health Insurance, 184
 Process, 184
 ROTC, 184
 Scholarships, 184
 Short Term (Emergency) loan, 184
 Sources of Potential Financial Aid, 184
 State of Illinois Programs (ISAC-College Zone), 184
 Student Employment, 184
 Student Loans, 184
 University Awards, 184
 Veterans' Benefits, 184
Foreign Languages, 10, 39, 138
 B.A. in Foreign Languages, 39
 B.A. in Foreign Languages: French, German or Spanish Teacher Certification Option, 40
 Course Descriptions, 138
 Foreign Languages Honors Program, 40
 Foreign Languages Minors, 40
 Foreign Languages: French, German or Spanish Minor for Teacher Certification, 40
 Major, 79
Foundation, EIU, 8, 187
Foundation Awards, 183
Fraternalities, 183
- G**
Gateway Program, 11
General Counsel, 186
General Education, 22
General Education Courses Listed by Segment, 23
General Services, 184
 Career Services, 184, 188
 Medical Services, 184, 188
 Office of Civil Rights and Diversity, 184, 186
 Student Insurance, 184
 Textbook Rental Services, 184, 188
General Information, 8
General Studies Degree Program, 111, 118, 142, 187
Geology/Geography, 91, 129, 142, 143
 B.S. in Geography, 91
 Concentrations, 91
 B.S. in Geology, 92
 Earth Science Minor, 93
 Earth Science Teacher Certification, 93
 Geography Honors Program, 92
 Geography Minor, 92
 Geography Teacher Certification, 92
 Geology Honors Program, 92
 Geology Minor, 92
Global Citizenship, 22
Good Standing, 18
GPA and Intercollegiate Activities, 19
Grade Appeals, 17
Grade Corrections, 18
Grade Point Average, 18, 19
Grades, 17
Grading Period, 18
Graduate Assistantships, 112
Graduate Degrees and Programs, 111
Graduate School, 112, 187
Graduate Study Options for Seniors at EIU, 113
 Graduate Courses for Undergraduate Credit, 113
 Reserve Graduate Credit, 113
Graduation, 13, 20, 21
Graduation Fee, 21
Graduation Requirements, 13, 21
Greek Court, 185
Guest Student (Non-Matriculated Student) Enrollment, 10
- H**
Health Communication Minor, 108
Health Services, 184, 188
Health Studies, 75, 145
 B.S. in Health Studies: Community Health Option, 75
 B.S. in Health Studies: Teacher Certification Option, 76
Community Health Administration Concentration, 75
Community Health Counseling Concentration, 75
- Community Health Minor, 76
Community Health Promotion/Education Concentration, 75
Course Descriptions, 145
Health Communication Minor, 108
Health Studies Minor for Teacher Certification, 77
Safety and Driver Education Minor for Teacher Certification, 77
High School Subject Requirements, 9
History, 41, 146
 B.A. in History, 41
 B.A. in History: International Studies Option, 41
 B.A. in History: Teacher Certification Option, 41
 Course Descriptions, 146
 History Honors Program, 42
 History Minor, 42
Honors College, 27, 174, 187
 Admission Criteria, 27
 Departmental Honors, 27
 National Scholarships Programs, 28
 Presidential Scholars Program, 28
 Presidential Scholarships, 28
 Scholarships, 28
 Undergraduate Research, 28
 University Honors, 27
Honors List, 18
Honors Students, 27, 113
Housing, 185, 188
Human Resources, 187
- I**
Illinois Articulation Initiative, (IAI), *inside front cover*, 14, 114
Illinois Certification Tests, 67
Illinois State Immunization Compliance, 12
Incomplete Grades, 17
Independent Study, 16
Industrial Technology, 63, 148
 B.S. in Industrial Technology, 63
 Concentrations, 64
 Course Description, 148
 Industrial Technology Honors Program, 64
 Industrial Technology Minor, 65
 Interdisciplinary Minors, 65, 107
Information Technology Services, 187
Instructional Staff, 188
Insurance, 183
Integrity, Academic 19
Intercollegiate Athletics, 184
Interdisciplinary Minors, 107-110
 Advertising Minor, 107
 Asian Studies Minor, 107
 Broadcast Meteorology Minor, 107
 Criminology Minor, 107
 Film Studies Minor, 108
 Health Communication Minor, 108
 Latin American Studies Minor, 108
 Medieval Studies Minor, 109
 Pre-Law Studies Minor, 109
 Print and Textiles Technologies Minor, 109
 Public Relations Minor, 110
Internal Auditing, 186
Interfraternity Council, 185
International Programs, 184
Internship, 16
Integrated Secondary Education Program (ISEP), 67
- J**
Journalism, 42, 150
 B.A. in Journalism, 42
 Concentration in Broadcast News, 43
 Concentration in Design, 43
 Concentration in Editing, 43

Concentration in New and Emerging Media, 43
 Concentration in Photojournalism, 43
 Concentration in Public Relations, 43
 Concentration in Writing and Reporting, 43
 Course Description, 149
 Journalism Honors Program, 44
 Journalism Minor, 44
 Judicial Affairs, 188

K

Kinesiology and Sports Studies, 77, 152
 B.S. in Physical Education, 77
 B.S. in Physical Education: Athletic Training Option, 78
 B.S. in Physical Education: Teacher Certification Option K-12 Special Certificate, 78
 Course Descriptions, 152
 Physical Education Minor, 78
 Physical Education Minor for Teacher Certification, 79
 Physical Education with Teacher Certification, 78

L

Late/Retroactive Withdrawals, 20
 Latin American Studies Minor, 108, 155
 Course Description, 155
 Legal Services, Student, 186
 Library, 184, 187
 Load, Academic, 19
 Location, 8
 Lumpkin College of Business and Applied Sciences, 29, 52, 186
 Acceptance to School of Business, 53
 Application Criteria, 52
 Business Majors and Minors, 52
 Faculty, 52
 General Mission, 52
 Military Science (ROTC), 65, 184
 Mission Statement, 52
 Programs and Policies School of Business, 52
 School of Business, 52
 School of Family and Consumer Sciences, 57
 School of Technology, 60
 Transfer Students, 52
 Vision Statement, 52

M

Major, Declaring a, 17
 Major, Definition of, 30
 Majors, 13, 29, 30
 Management, 55, 153
 Course Descriptions, 153
 Major, 55
 Management Information Systems, 56, 156
 Concentrations, 56
 Course Descriptions, 156
 Major, 56
 Minor, 57
 Marketing, 57, 157
 Course Descriptions, 157
 Major, 57
 Martin Luther King, Jr. University Union, 184, 188
 Mathematics, 93, 157
 Mathematics Diagnostic Center, 184
 Mathematics and Computer Science, 93, 157
 B.A. in Mathematics, 93
 B.A. in Mathematics: Teacher Certification Option, 93
 B.S. in Mathematics and Computer Science, 94
 Course Descriptions, 157
 Departmental Honors Requirements, 94
 Mathematics and Computer Science Honors Program, 94
 Mathematics Minor, 94

Mathematics Minor for Teacher Certification, 94
 Matriculation, 9
 Medical Services, 184, 188
 Medieval Studies Minor, 109
 Military Science, 65, 160, 185, 186
 Application Criteria for Illinois State Tuition Assistance, 65
 Course Descriptions, 160
 Department of Military Science/Programs and Policies, 65
 General Information, 65
 Mission Statement, 65
 Military Science Minor, 66
 Military Science/Reserve Officers' Training Corps (ROTC), 65
 Minor, Definition of, 30
 Minors, 29, 30
 Minority Affairs, 187
 Music, 44, 161, 184
 Applied Study, 44
 Auditions, 44
 B. Music in Music: Teacher Certification Option, 46
 B. Music in Music: Performance Option, 45
 Course Descriptions, 161
 Degree Recitals, 44
 Juries, 44
 Liability Notice, 44
 Music Honors Program, 48
 Music Minor, 48
 Recital Attendance Requirement, 44
 Student Recitals, 44

N

National Student Exchange Course Descriptions, 166
 New Student Orientation, 12
 Non-matriculated Student Enrollment (Guest Students), 10
 Non-Degree Programs, 30
 Nursing, 94, 166
 B.S. in Nursing, 94
 Course Descriptions, 166

O

Office of the Registrar and Enrollment Management, 187
 Optional Catalog Requirements, *inside front cover*, 13
 Optional Catalog Rule, 13
 Catalogs Prior to Fall 2000, 14
 Options, 29
 Organization of the University, 8
 Oral English Proficiency, *inside front cover*
 Orientation, New Student, 12, 188
 Overload, Semester, 19

P

Panhellic Council Association, 185
 Parents Club, 8
 Philosophy, 48, 166
 B.A. in Philosophy, 48
 Course Descriptions, 166
 Philosophy Honors Program, 49
 Philosophy Minor, 49
 Physical Education, *See Kinesiology and Sports Studies*
 Physics, 95, 168
 B.S. in Engineering, 97
 B.S. in Physics, 95
 B.S. in Physics: Applied Physics Option, 95
 B.S. in Physics: Astronomy Option, 96
 B.S. in Physics: Computational Physics Option, 96
 B.S. in Physics: Engineering Physics Option, 96
 B.S. in Physics: Radiation Physics Option, 97
 Course Descriptions, 168
 Physics Honors Program, 97

Physics Minor, 97
 Physics Teacher Certification, 97
 Police Department, University, 188
 Planning and Institutional Studies, 187
 Political Science, 99, 170
 B.A. in Political Science, 99
 B.A. in Political Science: International Studies Option, 99
 Course Descriptions, 170
 Political Science Honors Program, 100
 Political Science Minor, 100
 Political Science Teacher Certification, 100
 Pre-Law Program and Minor, 100
 Public Administration Concentration for Political Science Majors, 99
 Pre-Degree and Non-Degree Programs, 30
 Pre-Engineering Program, 98
 Pre-Law Programs and Minors, 100
 Pre-Law Studies Minor, 109
 Pre-Medical Information (Pre-Medicine, Pre-Dentistry, Pre-Veterinary Medicine), 86
 Pre-Medical Information, 86
 Pre-Dentistry Information, 86
 Pre-Veterinary Medicine Information, 86
 Pre-Nursing, Optometry, Pharmacy, Chiropractic, Physician's Assistant, Physical Therapy Programs, 86
 President, 8, 186
 Presidential Scholars Program, 28
 Print and Textile Technologies Minor, 109
 Privacy Statement, Rights to, *inside front cover*
 Probation, Academic, 18, 19
 Proficiency Examinations, 9, 15, 16
 Program Requirements, 30
 Programs, 29, 30
 Programs in the College of Arts and Humanities, 30
 Programs in the College of Education and Professional Studies, 65
 Programs in the College of Sciences, 83
 Programs in the Lumpkin College of Business and Applied Sciences, 52
 Provost's List, 18
 Psychology, 100, 172
 B.A. in Psychology, 100
 Psychology Honors Program, 101
 Psychology Minor, 101
 Psychology Teacher Certification, 101
 Public Relations Minor, 110

Q**R**

Radio and Television Center, 184, 187
 Reading Center, 184
 Readmission, 12
 Records and Registration (See the Office of the Registrar and Enrollment Management), 187
 Recreation Administration, 79, 173
 B.S. in Recreation Administration, 79
 B.S. in Recreation Administration: Therapeutic Recreation Option, 80
 Course Descriptions, 173
 Recreation Administration Honors Program, 80
 Recreation Administration Minor, 80
 Refunds, 182
 Reinstatement, 18
 Religious Organizations, 185
 Remedial/Developmental Course Work, 14
 Repeating Courses, 20
 Requirements for Graduation, 13, 21
 Requirements for Minors, 30
 Requirements for the Bachelor's Degree, 13
 Requirements for Two Bachelor's Degrees, 13

- Requirements for Two Majors Within a Degree, 13
 Requirements, Program, 30
 Reserve Officers Training Corps (ROTC), 64, 158
 Residence Halls, 185
 Residency Status, 185
 Responsibility of Students, *inside front cover*, 13, 30
 Responsible Global Citizenship through Mindful Scholarship, 22
 Revocation of Admission to Teacher Education, 69
 Rights to Privacy Statement, *inside front cover*
 Room and Board Costs, 184, 185
- S**
- Safety and Driver Education Minor for Teacher Certification, 76
 Scholarships, 185
 School of Business, 52
 School of Continuing Education, 111, 187
 School of Family and Consumer Sciences, 57
 School of Technology, 60
 Science with Teacher Certification, 101
 B.S. in Science with Teacher Certification, 11
 Biological Sciences Specialization, 102
 Chemistry Specialization, 102
 Earth Sciences Specialization, 102
 Physics Specialization, 102
 Scientific Awareness, 24
 Secondary Education and Foundations, 66, 174
 Semester Hour Requirements in the General Education Program, 22
 Senior Seminar, 25, 175
 Services and Activities, 184
 Sexual Harassment and Non-Discrimination Policy, *inside front cover*
 Social and Behavioral Sciences, 24
 Social Science Teaching, 103, 177
 B.A. in Social Science Teaching, 103
 Geography Designation, 103
 History, 41
 Political Science Designation, 104
 Psychology Designation, 104
 Sociology-Anthropology Designation, 105
 Sociology/Anthropology, 105, 115, 177
 Anthropology Course Descriptions, 115
 Anthropology Minor, 106
 B.A. in Sociology, 105
 Sociology Course Descriptions, 177
 Sociology Minor, 106
 Sociology-Anthropology Teacher Certification, 106
 Sororities, 81, 178
 Special Education, 81, 178
 B.S. in Special Education: Early Childhood Option, 81
 B.S. in Special Education: Standard Special Option, 81
 Course Description, 178
 Dual Certification Programs, 82
 Special Education Honors Program, 82
 Special Examinations, 21
 Special Projects, 194
 Child Care Resource and Referral, 194
 Peace Meal, 194
 Traffic Safety Programs, 194
 Speech-Language-Hearing Clinic, 184
 Student Activities, 184
 Campus Recreation, 184
 Forensics, 184
 Intercollegiate Athletics, 184
 Music, 184
 Radio and Television Center, 184
 Student Publications, 184
 Tarble Arts Center, 184
 Theatre Arts, 184
 Student Affairs, 187
 Campus Recreation, 184, 187
 Career Services, 184, 188
 Counseling Center, 184, 188
 Financial Aid, 185, 188
 Health Services, 184, 188
 Judicial Affairs, 188
 Orientation, 12, 188
 Student Legal Services, 188
 Student Life, 186, 188
 Textbook Rental Service, 184, 188
 University Housing and Dining Services, 185, 188
 University Police Department, 188
 University Union, 182, 186
 Vice President for Student Affairs, 8, 185
 Student Classification, 17
 Student Conduct Code, *inside front cover*
 Student Employment, 185
 Student Government, 186
 Student-Faculty Boards, 186
 Student Housing, 185
 Family/Graduate Student Housing, 185
 Greek Court, 185
 Living Accommodations, 185
 Residence Hall Fees, 185
 Residence Halls, 185
 Room and Board, 184, 185
 University Court, 185
 University Housing Policies, 185
 Student Insurance, 184
 Student Legal Services, 188
 Student Life, 186, 188
 Student Orientation, New, 12
 Student Organizations, 185
 Departmental Clubs, 185
 Fraternities, 185
 Interfraternity Council, 185
 National Panhellenic Council, 185
 Panhellenic Council Association, 185
 Recognized Student Organizations, 185
 Religious Organizations, 185
 Reserve Officers' Training Corps (ROTC), 186
 Residence Hall Government, 186
 Sororities, 186
 Student Government, 186
 Student-Faculty Boards, 186
 University Board, 186
 Student Publications, 184, 187
 Student Responsibilities, *inside front cover*, 13, 30
 Student Teaching, 69, 178
 Study Abroad, 22, 26, 179
- T**
- Tarble Arts Center, 184
 Teacher Certification, 21, 67
 Teacher Certification Programs, 67
 Admission to Teacher Education, 68
 Alternative Teacher Certification Program, 68
 Application for Graduation, 71
 Application for Teaching Certificates, 68
 Application for Teaching Licensure, 71
 Application of Teacher Education Criteria to Other Programs, 68
 Application Process, 69
 Certificates Available, 67
 Course Work During Student Teaching Semester, 71
 Criminal Background Investigations, 68, 70
 Departmental Approval to Student Teach, 70
 Early Childhood and Elementary Certificates, 67
 Education Scholars Program, 69
 Formal University Admission to Teacher Education Programs, 68
 Granting of Credit for the Student Teaching Experience, 70
 High School Certificates, 67
 Illinois Certification Tests, 68
 Integrated Secondary Education Program (ISEP), 67
 Minors, 67
 Outside Activities/Employment During the Student Teaching Semester, 71
 Overseas Student Teaching, 71
 Placement Centers, 70
 Post-Baccalaureate Students, 68
 Pre-Placement Meeting, 71
 Prerequisites and Requirements for Student Teaching, 70
 Professional Education Requirements, 67
 Recommended Courses, 67
 Registration, 71
 Regular Program Courses, 67
 Requirements, 67
 Responsibilities During Student Teaching, 71
 Revocation of Admission to Teacher Education, 69
 Special Certificates, 67
 STG 4000, 71
 Student Teaching, 69, 178
 Termination of Student Teaching Placement, 71
 University Approval to Take Teacher Education Courses, 68
 University Approval to Student Teach, 70
 Technology Delivered Classes/Workshops, 110
 Term Paper Clinics, 184
 Textbook Rental Services, 184, 188
 Theatre Arts, 49, 180, 184
 B.A. in Theatre Arts, 49
 B.A. in Theatre Arts: Teacher Certification Option, 50
 Course Descriptions, 180
 Endorsement to Teach, 51
 Theatre Arts Honors Program, 51
 Theatre Arts Minor, 51
 Theatre Arts Minor For Teacher Certification, 51
 Transcripts, 21
 Transfer Students, 10, 12
 Tutoring, 184
 Tuition and Fees, 184
 Transfer Credit, 14
 Transfer Students, 14
- U**
- Unclear Records, 12
 Undergraduate Fields of Study, 29
 University Board, 185
 University Communications, 187
 University Court, 183
 University History, 8
 University Organization, 8
 University Union, 184, 188
- V**
- Veterans' Benefits, 183
 Vice President for Academic Affairs, 8, 186
 Vice President for Business Affairs, 8, 187
 Vice President for External Relations, 8, 187
 Vice President for Student Affairs, 8, 187
- W**
- Waivers, Academic, 17
 Warning, Academic, 18, 19
 Withdrawal, 20
 Withdrawal from a Course, 20
 Withdrawal from the University, 20
 Withdrawal, Late/Retroactive, 20
 Women's Studies Minor, 51, 183
 Work Study, 183
 Writing Across the General Education Curriculum, 22
 Writing Center, 184

X

Y

Z

NOTES

IF YOU WOULD LIKE INFORMATION...

For information on particular aspects of the University, please address your inquiry to the person or office named below:

Admission of Graduate Students

Dean, Graduate School – (217) 581-2220

Admission of Undergraduate Students

Director of Admissions – (217) 581-2223

Admission of Transfer Students

Director of Admissions – (217) 581-2223

Adult and Continuing Education (Extension Service)

School of Continuing Education – (217) 581-5114

Application for Graduation

Office of the Registrar and Enrollment Management
– (217) 581-3511

General Studies Bachelor of Arts in General Studies Degree Program

(217) 581-5618

Career Services

Director of Student Services and Career Services –
(217) 581-2412

Civil Rights and Diversity

Office of Civil Rights – (217) 581-5020

Disability Services*

Office of Disability Services – (217) 581-6583

Education Abroad

Office of Education Abroad – (217) 581-3390

Honors College

Dean of the Honors College – (217) 581-2017

Housing and Dining Services

Director of Student Housing – (217) 581-5111

Information

Telephone Numbers of Campus Offices –
(217) 581-5000

Communication Device for Hearing Impaired –
(217) 581-6377

International Admission

International Student Advisory – (217) 581-2321

International Student Information

International Student Advisory – (217) 581-2321

Military Scholarships

Director of Veterans Services – (217) 581-5227

Readmission of Former Students

Office of the Registrar and Enrollment Management
– (217) 581-3511

Reinstatement of Former Students Dismissed for Low Scholarship

Office of the Registrar and Enrollment Management
– (217) 581-3511

Scholarships

Director of Financial Aid – (217) 581-6405

Student Employment

Director of Financial Aid – (217) 581-3712

Student Insurance

Director of Financial Aid – (217) 581-5290

Student Loans

Director of Financial Aid – (217) 581-3711

Summer Session

Director of Summer School – (217) 581-2023

Summer Study Abroad

School of Continuing Education – (217) 581-5114

Transcripts

Office of the Registrar and Enrollment Management
– (217) 581-3511

Transfer Credit

Office of the Registrar and Enrollment Management
– (217) 581-3511

Workshops

School of Continuing Education – (217) 581-5114

Admissions Office

800-252-5711

(Toll-free)

Text Telephone for the Hearing Impaired

(217) 581-5933 (Voice/TTY)

* Any information you provide is on a voluntary basis, will be confidential and will be used only to make reasonable accommodations to any limitations you report.