Undergraduate Catalog

2012 - 2013

Catalog Home

May 2012

113th year

Our Mission Statement

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.

EIU at a Glance

Accreditation	Higher Learning Commission of the North Central Association of Colleges and Schools; National Council for Accreditation of Teacher Education
Administration	President: **Dr. William L. Perry** Provost and Vice President for Academic Affairs: **Dr. Blair M. Lord** Vice President for Business Affairs: **Dr. William Weber** Vice President for University Advancement: **Mr. Robert Martin** Vice President for Student Affairs: **Dr. Daniel P. Nadler**
Athletics	NCAA Division I
Board of Trustees	**Appointed Members:** Mr. William Dano III, Oswego, IL; Mr. Joseph Dively, Charleston, IL; Mr. Kristopher Goetz, Lombard, IL; Mr. Rene Hutchinson, Chicago, IL; Mr. Roger L. Kratochvil, Mt. Olive, IL; Dr. Robert D. Webb, Mattoon, IL; Mr. Leo Welch, O'Fallon, IL **Student Member:** Mr. Jarrod Scherle, Red Bud, IL **Officers:** Mr. Roger L. Kratochvil, Chairperson; Mr. Leo Welch, Vice Chairperson; Mr. Joseph Dively, Secretary; Mr. Rene Hutchinson, Member Pro Tem; Ms. Judy Gorrell, Assistant Secretary; Mr. Paul McCann, Treasurer
Class Size	19 (average)
Degrees Offered	Bachelor's, master's and specialist's
Enrollment	11,178
Faculty-Student Ratio	15:1
Location	600 Lincoln Avenue Charleston, IL
Website	www.eiu.edu

This catalog is presented to enable prospective students and others to learn about Eastern Illinois University. It includes information concerning admission, enrollment, fees, housing, policies, and program and course offerings for Academic Year 2012-13. 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.

About EIU

Accreditation

Eastern Illinois University is accredited through the specialist level by the Higher Learning Commission 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 applied engineering and 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 and the American Dietetic Association.

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.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. degrees by the National Association of Schools of Music. The B.S. degree in 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 Council on Accreditation for Recreation, Park, Resources, and Leisure Services. 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, Student Affairs, and University Advancement.

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 corporation. There are over 298 alumni, donors, and friends of the University who serve as members of the Foundation. The eleven-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, 2011, Foundation assets totaled more than $66.1 million, of which $35.2 million is endowed for scholarships and grants to the University. During the 2010-2011 year, the Foundation awarded more than $810,000 in scholarships, and transferred $1.4 million in grants to the University. The Neal Welcome Center, home of the Foundation, is located at 860 W. Lincoln Avenue in Charleston.

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 and the amount of each award is determined yearly by the Parents Club Board. The club has now awarded over $300,000 to EIU Students.

Eastern Illinois University Annuitant Association

The Eastern Illinois University Annuitant Association (EIUAA), established in 1971, is composed of current and retired EIU employees and their spouses. The organization's goal is to collectively protect, enhance, and advance the goals and common interests of present and future EIU annuitants. EIUAA provides the opportunity to maintain professional and social relationships with fellow EIU employees. Through our newsletter, New Horizons, and website (http://www.eiu.edu/~annuitants/), we keep our members informed of Annuitant Association meetings, social activities, and important relevant legislative and governmental issues, especially those related to pension and healthcare and Eastern's state funding. The EIUAA provides services for campus activities such as commencement ceremonies, homecoming, open houses and scholarship.

Optional Catalog Requirements

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.

Student Responsibility

THE STUDENT'S RESPONSIBILITY: Advising is mandatory at all levels. Students cannot register for classes in any semester until they meet with their academic advisor. Students are advised in the Academic Advising Center until they have completed 15 credit hours or have met the admissions' criteria for their program. All undeclared students are advised in the Academic Advising Center.

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. This is accomplished with the assistance of their academic advisor. 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)

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 the Higher Education Act

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

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 Student 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.

Other Compliances

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

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

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 compliant, contact to the Civil Rights Office at (217) 581-5020.

Oral English Proficiency

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

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

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 Office of Student Standards in the University Union at (217) 581-3827.

Admission Policies

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. The $30 application fee is valid for the academic year for which they applied (July 1 – June 30). Applicants wanting to be considered for a new academic year must submit a new application and $30 fee.

An Admissions Packet is mailed after an application has been processed and accepted. Mailed with the Admissions Packet 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 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 basis 2 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

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 2020G*
History 3600*	Political Science 1003
Political Science 1153G*	Political Science 2253G*
Political Science 2603*	Psychology 1879G*
Sociology 1838G	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 regionally 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 regionally 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 Students and Scholars. A complete packet for undergraduate applicants includes an international application, an application fee, an approved financial affidavit form, official raised seal transcripts from high school and college (if applicable), 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. Official college or university transcripts (if applicable) for each institution previously attended are required to be considered for admission.

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 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 a regionally 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).
6. Submission of Completion of Grade Pre-1 on the STEP EIKEN Test.
7. Submission of a score 69 or higher on the Michigan English Language Assessment Battery (MELAB).
8. Submission of successful completion of two terms (one semester) of English for Academic Purposes 2 (Level 6) from the Center for English as a Second Language program (CESL) at Southern Illinois University – Carbondale.

Admission to EIU and an approved financial affidavit form are required in order for the Office of International Students and Scholars 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 Students and Scholars. Undergraduates with conditional admission status must provide evidence of meeting English language mastery to the Office of International Students and Scholars by submitting a score of 500 or higher on the paper-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 prior to permission to enroll in classes.

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. 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 regionally 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 Compliant immunization records for new students must be received by the Student Health Service by August 1 for new students enrolling in the Fall Semester and December 15 for new students enrolling in the Spring Semester.

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

- Provider or nurse's printed name, address and telephone number
- 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 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. Readmission application should be made to the following offices:

- Bachelor of General Studies Office – all General Studies majors.
- Office of Registrar and Enrollment Management – all other majors

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 Graduate School 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 New Student Programs 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 New Student Programs 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 New Student Programs 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.*

Academic Regulations

Requirements for the Bachelor's Degree:

Official course requirements for baccalaureate degrees are given in the "Majors and Minors" section of the catalog. To achieve a baccalaureate degree, the student must:

1. Successfully complete the General Education Requirements detailed in the "General Education" section, including the senior seminar.[1]
2. Successfully complete one of the degree programs listed in detail in the "Majors and Minors" section, 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 Portfolio.

   Three submissions are required for the portfolio. Submissions may come from any writing-centered or writing-intensive course, or from any other course for which students complete an appropriate writing assignment* **(See criteria below.)** Only one submission is allowed from any one course; students who submit from ENG 1001G/1091G may not submit from ENG 1002G/1092G. Students must deposit the first two submissions by the time they earn 60 credit hours; if they fail to do so, a registration hold will be placed at 75 credit hours. Students must deposit their final submission by the time they earn 105 credit hours. Transfer students who enter with more than 30 hours may request additional time to submit work to the portfolio.

   Students who need assistance with their writing will be provided opportunities for improvement.

   ***Papers must meet the following criteria to be submitted to the EWP:**

   1. The paper must be at least 750 words in length (approximately 3 pages).
   2. It must be written in standard English.
   3. It must be developed in a manner consistent with the demands of the discipline for which it was written.
   4. It must contain a connected writing sample with the development of ideas within and between paragraphs (therefore, lists, lesson plans, and other such documents may not be submitted).
   5. Submissions may not be creative pieces, such as poems, short stories, or plays.

   See http://www.eiu.edu/assess/ for additional information about the EWP.

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.[4]

[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.

[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] 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" (see the navigation bar on the left side of your screen).

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. Credit for courses in which a "D" was earned will transfer as long as the overall GPA from that institution is at least a "C" average. A "C" or better is required for English and speech.

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 regionally 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 Communication Studies 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
- and/or International Baccalaureate (IB) credit

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, PEP Exams are IB credits 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 obtain the approval of the appropriate department chairperson. Generally such approval is contingent upon presentation of evidence of independent study, relevant experience, or relevant study in non-accredited institutions.
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. After receiving approval from the department chair the student must go to the Office of The Registrar and Enrollment Management and complete an application.
7. 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.
8. The non-refundable fee for a proficiency examination is $30/semester hour. The exam must be taken within two weeks from the date the Registrar certifies the eligibility of the applicant to take the exam.
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. To select the Credit/No Credit option, students must submit a request to the Registrar's Office no later than 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.

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.*

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

An undergraduate who is listed as undeclared and wants to declare a major must do so at the Academic Advising Center (Ninth Street Hall).
An undergraduate with 59 hours or less that has a declared major in another department, and wants to change that major, must initiate the appropriate form with the Office of The Registrar.

An undergraduate with 60 hours or more that has a declared major in another department, and wants to change that major, must initiate the appropriate form with the certification office of the college of the new major.

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 a regionally 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	--
NNC	No Credit--Non-Attendance	--
AU	Audit	--
DC	Deferred Credit	--
I	Incomplete	--
W	Withdrew-- No Grade	--
X	No Grade Submitted	--

Grades of I, DC, and X

Students may not be certified for graduation so long as a grade of "I", "DC" or X" remains on their academic record. If a Grade Correction Form is not submitted, then any "X" or “DC” grades remaining on the transcript will be changed to "NC" or "F" at the time the degree is completed. Students also should be aware that changing an “I”, "X" or “DC” to another grade may affect their grade point average and thus the awarding of their degree and/or graduation honors.

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 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/IGP/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;
3. The assignment of a grade to a particular student on some basis other than performance in the course;
4. 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 Average[1]

The grade point average is based only on course work taken at Eastern.

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 (including Study Abroad, Clinical Laboratory Sciences and National Student Exchange courses) by the total number of semester hours represented by those courses (excluding courses in which a student has grades of "I", "CR", "DC", "NC", "NNC", "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 ÷ 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, NNC, 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 - 4.00 (on a 4.00 scale) while completing a minimum of 12 graded semester hours, excluding credit/no credit grades, 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 - 4.00 (on a 4.00 scale) while completing a minimum of 12 graded semester hours, excluding credit/no credit grades, in a fall or spring semester will be named to the Honor'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. (Please note that in the discussion below, a "grading period" is any fall, spring, or summer semester or term.)

Academic Warning
If, at the end of a grading period, 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.

Academic Probation
If, at the end of a grading period 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 a minimum GPA of 2.10 each grading period until good academic standing is reached or he/she will be academically dismissed.

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 Success Center, prepares a written academic plan signed by both the student and Assistant Director of the 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 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 the student has attempted course work at one or more regionally accredited colleges or universities, he or she must provide official transcripts showing a composite GPA of at least 2.00 on a scale of 4.00 in all course work attempted at institutions other than EIU (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 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, 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 warning or 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 Office of Student Standards prior to talking with the student. If the student admits the violation, the instructor will assess an appropriate academic penalty and will inform the Office of Student Services 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 Office of Student Standards 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 Fall and Spring semester and during the summer term. To certify that a student is half-time academically, such student must be enrolled for at least 6 semester hours each Fall and Spring semester and during the Summer term.

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, 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.

A student whose instructor requests verification of an illness treated by the University Health Service may request a documentation of the visit to share with the faculty member. 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.

Religious Observance Accommodations for Students

The University shall reasonably accommodate its students who are unable to fulfill their regular duties on the occasion of a religious observance. Students who are unable to attend class or take examinations for religious reasons shall be given information needed to make up classes and work missed, including examinations. Students should make arrangements for their absence in advance through established procedures for verifying absences.

The University's Discrimination Complaint Procedures are available through the Office of Civil Rights to students who believe they have been discriminated against under this policy.

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

A link to the final examination schedule may be found at http://www.eiu.edu/registrar. 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, NF, NNC, or NC (NOT A, B, C, or CR) were received may be repeated. A student who receives a grade of D, F, NF, NNC or NC 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 previously 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. However, students who successfully completed a prerequisite course with a "D" are allowed to enroll in a subsequent course and its repeated prerequisite simultaneously.

Withdrawal from a Course

1. During a Fall or Spring Semester, a student may withdraw from a full-term 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 full-term course with a grade of "W." If after the Friday of the 11th class week or equivalent a student had extraordinary circumstances that prevented them from withdrawing by the deadline, they may initiate a withdrawal from a course or the University through the late withdrawal process. Cutoff dates for special part of terms and summer terms are reduced proportionately. Specific withdrawal dates are established for each term. Full-term and half-term course withdrawal dates are published in the class schedule for the appropriate term.

Note: One week prior to the beginning of the class(es) in which a student is enrolled, an email including the drop and withdrawal dates for the class(es) will be sent to the student's Eastern email account. Students should make note of the dates included in the email so deadlines for dropping or withdrawing may be met.

Late Withdrawals

A student may request a late withdrawal through the Office of The Registrar 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 withdrawal. Students who are failing a course should follow the "Repeating Courses" policy stated in the catalog. The deadline for submitting a late withdrawal is March 15th for the immediately preceding fall semester and October 15th for the immediately preceding spring or summer semester. Upon submission of a late withdrawal request, students will be assessed a non-refundable Late Withdrawal Fee of $25 per credit hour requested 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 Withdrawal requests to the Appeal Committee, whose decision is final and not subject to further appeal. The late Withdrawal policy and procedures for submitting/responding to late withdrawals requests can be found at http://www.eiu.edu/~registra/latewithdrawalpolicy.php.

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 5th day** and has not made successful contact with the instructor to explain the absence.
   OR
2. The student has not met course prerequisites, co-requisites, or registration restrictions.

The department chair may administratively drop students through the 10th day. Beginning with the 11th day of the semester, any student that has not attended courses must submit a request for a Late Withdrawal.

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 5th day** may be administratively dropped from the course. The department chair may administratively drop students through the last day to drop the online course. Any student who has not been removed from the course by the drop date must submit a request for a Late Withdrawal.

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 for assistance. Return textbooks to Textbook Rental within two days of withdrawing. If applicable, the Financial Aid Office and the Housing Office will also need to be notified. 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, sent from the students EIU e-mail account or 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 medal 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.

Post-Baccalaureate Students: Post-baccalaureate students earning a second bachelor's degree are eligible to receive a degree with distinction based on their post-baccalaureate grade point average if they meet the criteria stated above. All undergraduate and post-baccalaureate hours taken at Eastern will be used to determine if the completed and graded hours requirements have been met. Students may not have distinction applied retroactively to any previous degrees earned at Eastern.

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

*Transfer students who will not earn 56 semester hours from EIU until their final semester may request that their instructors submit their grades at midterm so that they may be considered for a degree with distinction. All midterm grades must be submitted by the deadline established by the Office of the Registrar. No grades submitted after this deadline will be considered in computations for tentative honors.

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/academic proficiency. 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/Tests of Academic Proficiency.
2. All students in teacher certification programs are also required to take the ICTS content-area examination and the Assessment of Professional Teaching (APT) Test. The content-area exam must be passed before an individual can commence to student teach. The appropriate APT Test must be passed before an individual can graduate. 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 processing fee of $5 is charged for each regularly processed transcript issued. The processing fee for rush transcripts, processed the next working day after receipt of the signed request, is $10.00 for each. Immediate transcripts are processed immediately for $15.00 each. Transcripts will be issued only for students whose records are clear.

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
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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" 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 (a minimum of 9 semester hours is required.)
- "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.

To receive the cultural diversity designation, courses will:

1. Include one or more of the following as their focus or as a means to explore some other topic:
   a. the study of diverse peoples (including issues of class, disability, ethnicity, gender, race, and sexual orientation) in the U.S. and abroad;
   b. the history, language, and/or traditions (anthropological, artistic, literary, philosophical, political, or sociological) of other countries or cultures;
   c. the role of cultural sensitivity in making informed and ethical decisions.
2. Reinforce the importance of attending to a plurality of voices (including those from traditionally underrepresented groups) to better understand human history, culture, and decision making.
3. Include among their outcomes the goal of enabling students to appreciate, live, and work with people who are different from them.

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 Africana Studies. Credits: 3
  (See above *)
- AFR 2000G - African American Social Movements. Credits: 3
  (See above *)
- AFR 2200G - Pan Africanism. Credits: 3
  (See above *)

English

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

Foreign Language

- FLE 2061G - German Literature in Translation. Credits: 3
  (See above *)
- FLE 2062G - Hispanic Literature in Translation. Credits: 3
  (See above *)
- FLE 2063G - Francophone Literature in Translation. Credits: 3
  (See above *)
- FLF 2201G - Intermediate French I. Credits: 4
  (See above *)
- FLF 2202G - Intermediate French II. Credits: 4
  (See above *)
- FLG 2201G - Intermediate German I. Credits: 4
  (See above *)
- FLG 2202G - Intermediate German II. Credits: 4
  (See above *)
- FLI 2201G - Intermediate Italian I. Credits: 4
  (See above *)
- FLL 2201G - Intermediate Latin I. Credits: 4
  (See above *)
- FLI 2202G - Intermediate Italian II. Credits: 4
  (See above *)
- FLL 2202G - Intermediate Latin II. Credits: 4
  (See above *)
- FLS 2201G - Intermediate Spanish I. Credits: 4
  (See above *)
- FLS 2202G - Intermediate Spanish II. Credits: 4
  (See above *)
- FLS 2291G - Intermediate Spanish I Honors. Credits: 4
  (See above *)
- FLS 2292G - Intermediate Spanish II, Honors. Credits: 4
  (See above *)

History

- HIS 1500G - Roots of the Modern World: Society and Religion. Credits: 3
  (See above *)
- HIS 1521G (1520G) - World History: Human Rights in History. Credits: 3
  (See above *)
- HIS 1522G (1510G) - World History: Slavery and Freedom. Credits: 3
  (See above *)
- HIS 1523G (1520G) - World History: From Monarchies to Mass Democracies. Credits: 3
  (See above *)
- HIS 1524G (1520G) - World History: The Age of Sail. Credits: 3
  (See above *)
- HIS 1525G (1520G) - World History: Empires in Global History. Credits: 3
  (See above *)
- HIS 1526G (1520G) - World History: The Twentieth-Century World. Credits: 3
  (See above *)
- HIS 1590G - Roots of the Modern World: Society and Religion, Honors. Credits: 3
  (See above *)
- HIS 1593G (1592G) - World History: From Monarchies to Mass Democracies, Honors. Credits: 3
  (See above *)
- HIS 1594G (1592G) - World History: The Age of Sail, Honors. Credits: 3
  (See above *)
- HIS 1595G (1592G) - World History: Empires in Global History, Honors. Credits: 3
  (See above *)
- HIS 1596G (1592G) - World History: The Twentieth-Century World, Honors. Credits: 3
  (See above *)
- HIS 1597G (1592G) - World History: Human Rights in History, Honors. Credits: 3
  (See above *)
- HIS 1598G (1591G) - World History: Slavery and Freedom, Honors. Credits: 3
  (See above *)
- HIS 2010G - History of the United States to 1877. Credits: 3
- HIS 2020G - History of the United States Since 1877. Credits: 3
- HIS 2090G - History of the United States to 1877, Honors. Credits: 3
- HIS 2091G - History of the United States Since 1877, Honors. Credits: 3

Medieval Studies

- MDVL 2000G - Introduction to Medieval Studies. Credits: 3

Philosophy

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

Religious Studies

- RLS 1200G - Introduction to Religious Studies. Credits: 3 (See above *)
- RLS 1290G - Introduction to Religious Studies, Honors. Credits: 3

Fine Arts

Art

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

Kinesiology & Sports Studies

- KSS 2900G - International Expression for Dance. Credits: 3

Music

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

Theatre Arts

- THA 2010G - Arts Omnibus. Credits: 3
- THA 2012G - Non-Western Theatre. Credits: 3 (See above *)
- THA 2140G - Introduction to the Theatre. Credits: 3 (See above *)
- THA 2190G - Introduction to the Theatre, Honors. Credits: 3 (See above *)
- THA 3751G - Theatre History I. Credits: 3 (See above *)
- THA 3752G - Theatre History II. Credits: 3 (See above *)
- 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 (See above *)
- THA 3793G - Development of American Theatre and Drama, Honors. Credits: 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
- CMN 1390G - Introduction to Speech Communication, Honors. Credits: 3

English

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

Mathematics

(3 Semester Hours)

Mathematics

- MAT 1160G - Mathematics: A Human Endeavor. Credits: 3
- MAT 1170G - Problem Solving. Credits: 3
- MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
- MAT 2110G - Brief Calculus with Applications. Credits: 3
- MAT 2120G - Finite Mathematics. Credits: 3
- MAT 2190G - Finite Mathematics, Honors. Credits: 3
- MAT 2250G - Elementary Statistics. Credits: 4
- MAT 2290G - Elementary Statistics, Honors. Credits: 4
- MAT 2420G - Mathematics for Elementary Teachers II. Credits: 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: 3
- BIO 1002G - Practical Botany. Credits: 3
- BIO 1003G - Life of Animals. Credits: 3
- BIO 1004G - Practical Microbiology. Credits: 3

- BIO 1091G - Biological Principles and Issues, Honors. Credits: 3
- BIO 1092G - Practical Botany, Honors. Credits: 3
- BIO 1093G - Life of Animals, Honors. Credits: 3
- BIO 1094G - Practical Microbiology, Honors. Credits: 3
- BIO 1200G - General Botany. Credits: 4
- BIO 1300G - Animal Diversity. Credits: 4
- BIO 2001G - Human Physiology. Credits: 4
- BIO 2002G - Environmental Life Sciences. Credits: 3
- BIO 2003G - Heredity and Society. Credits: 3
- BIO 2091G - Human Physiology, Honors. Credits: 4
- BIO 2092G - Environmental Life Sciences, Honors. Credits: 4
- BIO 2093G - Heredity and Society, Honors. Credits: 4
- BIO 3003G - An Introduction to Evolution. Credits: 3
- BIO 3888G - Subtropical and Marine Ecology. Credits: 4

Physical Sciences

Applied Engineering & Technology

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

Chemistry

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

Earth Science

- ESC 1300G - Introduction to Earth Sciences. Credits: 4
  (cross listed with GEL 1300G)
- ESC 1320G - Geology of National Parks. Credits: 4
  (cross listed with GEL 1320G)
- ESC 1390G - Introduction to Earth Sciences, Honors. Credits: 4
  (cross listed with GEL 1390G)
- ESC 1400G - Weather and Climate. Credits: 4
- ESC 1490G - Weather and Climate, Honors. Credits: 4
- ESC 1500G - Introduction to Physical Geography and Earth Systems Science. Credits: 4
- ESC 2450G - Oceanography. Credits: 3
  (cross listed with GEL 2450G)
- ESC 3010G - Environmental Physical Sciences. Credits: 3
  (cross listed with GEL 3010G)

Geology

- GEL 1300G - Introduction to Earth Sciences. Credits: 4
  (cross listed with ESC 1300G)
- GEL 1320G - Geology of National Parks. Credits: 4
  (cross listed with ESC 1320G)
- GEL 1390G - Introduction to Earth Sciences, Honors. Credits: 4
  (cross listed with ESC 1390G)
- GEL 2300G - Science and Technology: A Promise or a Threat? Credits: 3
  (cross listed with INT 2300G)
- GEL 2450G - Oceanography. Credits: 3
  (cross listed with ESC 2450G)
- GEL 3010G - Environmental Physical Sciences. Credits: 3
  (cross listed with ESC 3010G)

Physics

- 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 1055G - Principles of Astronomy. Credits: 3
- PHY 1056G - Principles of Astronomy Laboratory. Credits: 1
- PHY 1095G - Principles of Astronomy, Honors. Credits: 3
- PHY 1096G - Principles of Astronomy Laboratory, Honors. Credits: 1
- PHY 1151G - Principles of Physics I. Credits: 3
- PHY 1152G - Principles of Physics I Laboratory. Credits: 1
- PHY 1351G - General Physics I. Credits: 3
- PHY 1352G - General Physics I Laboratory. Credits: 1
- PHY 1391G - General Physics I, Honors. Credits: 3
- PHY 1392G - General Physics I Laboratory, Honors. Credits: 1
- PHY 3045G - Wonders of Astronomy. Credits: 3
- PHY 3050G - Excursions in Physics. Credits: 3

Social and Behavioral Sciences

(9 Semester Hours)

Courses must be selected from at least two different disciplines.

Anthropology

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

Economics

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

Geography

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

- GEG 1290G - World Regional Geography, Honors. Credits: 3
  (See above *)

Health Studies

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

History

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

Journalism

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

Philosophy

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

Political Science

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

Psychology

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

Recreation Administration

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

Sociology

- SOC 1838G - Introductory Sociology. Credits: 3
  (See above *)
- SOC 2750G - Social Problems in Contemporary Society. Credits: 3
  (See above *)
- SOC 2890G - Social Problems in Contemporary Society, Honors. Credits: 3
  (See above *)

Women's Studies

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

Senior Seminar

(3 Semester Hours)

(Students may take a senior seminar once they have completed 75 semester hours. However, so that those nearing graduation will have first access to seats, only students who have earned or will have earned 90 hours may register without the assistance of the offering department.)

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
- EIU 4101G - Spaceship Earth: The Present State. Credits: 3
- EIU 4102G - Technology and Society. Credits: 3
- EIU 4103G - Physical Activity and Mental Wellness. Credits: 3
- EIU 4104G - World Film: Language and Culture in Film. Credits: 3
- EIU 4105G - Controversial Issues in Education. Credits: 3
- EIU 4106G - War Stories. Credits: 3
- EIU 4107G - The Idea of a University: Yesterday and Today. Credits: 3
- EIU 4108G - The Changing World of Women. Credits: 3
- EIU 4109G - The Politics of Human Rights. Credits: 3
- EIU 4110G - Frontiers of Communication Credits: 3
- EIU 4111G - Plants and Civilizations. Credits: 3
- EIU 4112G - Women and Technology. Credits: 3
- EIU 4113G - The European Union: A Multi-cultural Approach. Credits: 3
- EIU 4115G - Pop Culture Economics. Credits: 3
- EIU 4118G - Sociobiology: The Biological Origins of Social Practices. Credits: 3
- EIU 4121G - Leisure Time: The American Perspective. Credits: 3
- EIU 4123G - Social Movements, Crowds, and Violence. Credits: 3
- EIU 4125G - Cultural Diversity in the United States. Credits: 3
- EIU 4126G - Body, Health, and Society Credits: 3
- EIU 4128G - Politics and Popular Culture Credits: 3
- EIU 4129G - Law and Technology Credits: 3

- EIU 4131G - Modern Biomedical Science: Promise and Problems. Credits: 3
- EIU 4142G - Telecommunication Issues in the Third Millennium Credits: 3
- EIU 4151G - Nutritional Dilemmas and Decisions. Credits: 3
- EIU 4155G - The European Witchhunts. Credits: 3
- EIU 4157G - Impact of Communication Disorders: Adjusting to Cultural Demands. Credits: 3
- EIU 4158G - Freedom of Expression. Credits: 3
- EIU 4160G - Personal Financial Investments Credits: 3
- EIU 4161G - Theatre as a Soapbox. Credits: 3
- EIU 4162G - Women's Voices: Women in the Theatre. Credits: 3
- EIU 4165G - Journalistic Media in Society. Credits: 3
- EIU 4167G - The Meaning of Life. Credits: 3
- EIU 4168G - The Internet as a Social Phenomenon. Credits: 3
- EIU 4169G - Women in Science. Credits: 3
- EIU 4170G - History on Film. Credits: 3
- EIU 4171G - Comics, Manga, and Graphic Novels: A History of Graphic Narratives. Credits: 3
- EIU 4172G - Communication, Organizations and their Environments. Credits: 3
- EIU 4173G - Environmental Communication. Credits: 3
- EIU 4190G - Spaceship Earth: The Present State, Honors. Credits: 4
- EIU 4191G - Leisure Time: The American Perspective, Honors. Credits: 4
- EIU 4192G - Film and Contemporary Society, Honors Credits: 4
- EIU 4193G - The Holocaust, Honors. Credits: 4
- EIU 4194G - Leadership: Theory and Practice, Honors. Credits: 4
- EIU 4195G - The European Witchhunts, Honors. Credits: 4
- EIU 4197G - Freedom of Expression: Dissent, Hate, and Heresy, Honors. Credits: 4
- EIU 4198G - Mischievous Molds, Honors. Credits: 4
- EIU 4199G - The Politics of Human Rights, Honors. Credits: 4
- EIU 4290G - Plants and Civilization, Honors. Credits: 4
- EIU 4291G - Pop Culture Economics, Honors Credits: 4

Study Abroad

http://castle.eiu.edu/~edabroad/

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 Education Council, establishes and monitors policies and procedures for credit-bearing experiences 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.

Financial Aid & Scholarships

Federal and State aid, with the exception of work-study and assistantships, may be used for credit-bearing study abroad experiences. Students may also apply for various national scholarships to study abroad. In addition, the Office of Study Abroad awards approximately $100,000 in grants and scholarships every year to EIU students who choose to study or intern abroad.

Program Options

Programs are offered all over the world and range in length from one week to an academic year. Students are encouraged to explore opportunities early in their academic career.

EIU and Partner Programs are posted at http://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.Non-Partner Programs must be approved by the Office of Study Abroad via a Petition for Program Approval.

Admission Requirements

Students should have completed one semester of college (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 and 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). Information and application materials can be found on the website.

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. Instead, students who are registered to study abroad are enrolled in a special health insurance/emergency assistance plan. Enrollment in this plan is mandatory and the cost is billed to each student's account. For more information about the cost and benefits, contact the Office of Study Abroad or visit http://www.eiu.edu/~edabroad.

Fees & Miscellaneous Charges

Independent Programs

Study Abroad Administrative Fee	$300/semester

Faculty-Led Programs

Study Abroad Administrative Fee	$35/credit hour

Other Administrative Fees

Credit Evaluation Fee	$600/evaluation

(Only assessed of students who study abroad without

proper authorization and then request credit transfer.)

Note: The fees above pertain to all study abroad programs; however additional costs will be incurred. These costs vary by program. See the website for program budgets and detailed information.

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

Honors College

John Paul Stimac, *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. The Honors College encourages academically talented students to develop to their full potential through completion of suitable coursework in small classes taught by excellent faculty. Dedicated to nurturing students intellectually so they are equipped upon graduation to pursue their interests, the Honors College also encourages undergraduate research and creative activity, community service opportunities, study abroad experiences, and professional internships. This provision of an integrated academic experience contributes to Eastern Illinois University's acclaim as a university accomplished in teaching and research and focused on its graduates' success.

Programs

The Honors College offers academically talented students the opportunity to participate in six distinct yet complementary programs: University Honors, Departmental Honors, the Presidential Scholars Program, Undergraduate Research and Creative Activity Awards, National Student Exchange, and national scholarships competition. Though all programs are housed in the Honors College, the last three are open to members of the general student body.

University Honors

The University Honors Program primarily offers enriched and rigorous versions of General Education courses, though a limited number of courses outside general education are also provided. Honors course sections are typically smaller and taught in a colloquium format by professors distinguished in their fields. Completing Honors coursework prepares students to compete at the highest levels for career opportunities and graduate school placements. University Honors students complete a minimum of 25 hours of Honors courses, including the Honors Forum and an Honors Senior Seminar. Typically, the first 21 hours of Honors credit are earned by the end of sophomore year. A grade of C or better is required in all University Honors coursework.

Admission Criteria

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

- ACT composite score of 26 or higher, or SAT score of 1760/2400 or higher.
- Upper 10% of high school graduating class, or a 3.5 final high school GPA (on a 4.0 scale).
- Permission of the Dean of the Honors College.

Continuing students at EIU, and transfer students*, may be admitted after meeting the following criteria:

- Attainment of a 3.5 GPA for at least 12 hours of coursework taken at EIU (continuing students), or a 3.5 GPA, figured on a 4.0 scale, for all transfer coursework (transfer students)
- 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 delve deeply into areas of personal interest within their selected fields, preparing them for the competitive post-graduation world by promoting focus and independent research and analysis. The program requires a minimum of 12 hours of credit, derived from completion of progressive coursework that culminates in a senior thesis written under the supervision of Honors faculty. A grade of C or better is required in all courses counting toward Departmental Honors.

Below is a list of departments sponsoring Departmental Honors, and faculty serving as program Coordinators:

Departments & Coordinators

Applied Engineering & Technology, *Dr. Rigoberto Chinchilla*
Biological Sciences, *Dr. Stephen Mullin*
Business, *Dr. Christine Roszkowski*
Chemistry, *Dr. Daniel Sheeran*
Communication Disorders Sciences, *Dr. Rebecca Throneburg*
Communication Studies, *Dr. David Gracon*
Economics, *Dr. Ali Moshtagh*
English, *Dr. Linda Coleman*
Family and Consumer Sciences, *Dr. Kathleen O'Rourke*
Foreign Languages, *Dr. Stephen Canfield*
Geography, *Dr. Belayet Khan*
Geology, *Dr. Craig Chesner*
History, *Dr.Joy Kammerling*
Journalism, *Dr. Eunseong Kim*
Math, *Dr. Yevgeniy Gordon*
Music, *Dr. Luminita Florea*
Philosophy, *Dr. Jonelle DePetro*
Physics, *Dr. James Conwell*
Political Science, *Dr. Melinda Mueller*
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 is open to students meeting the following criteria:

- Attainment of a 3.5 GPA for at least 12 hours of coursework taken at EIU*.
- Fulfillment of all requirements specific to the Departmental Honors program of choice.
- Permission of the Dean of The Honors College and the Departmental Honors Coordinator.

*Transfer students who have not completed 12 hours at EIU may be admitted under the recommendation of the Departmental Honors Coordinator.

Presidential Scholars Program

The Presidential Scholars Program is a concentrated academic leadership experience that fuses ambition with ability. Attracting the best, brightest, and most determined students, the Presidential Scholars Program provides substantive opportunities for personal, academic, and pre-professional growth. Individualized faculty mentoring, mindful exploration of self-initiated academic goals, and flexible sequenced programming allow Presidential Scholars to plan their undergraduate academic career with an eye toward graduate study and/or professional practice. As Presidential Scholars, students complete the University Honors Program, HON

1191--Honors First-Year Seminar, and a self-selected Honors experience designed to provide meaningful personal, academic, and/or pre-professional challenge. In exchange for meeting the high expectations of the program, Presidential Scholars receive tuition and fee coverage for up to eight (8) semesters (See Honors Scholarships.)

Application Criteria
Incoming freshmen may apply for the 4-year scholarship if they meet the following 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
The National Scholarships program at Eastern Illinois University actively supports students whose exceptional academic performance, extensive service history, significant leadership experience, and focused graduate school and career aspirations distinguish them from their peers. The Honors College provides mentorship to students interested in pursuing several major awards, among them the Barry M. Goldwater Scholarship, the Fulbright U.S. Student Program, and the Marshall Scholarships. Through mentorship, the Honors College affords students the opportunity to grow their self-awareness, general field awareness, and specialty awareness while gaining advanced practical experience in self-promotion through written and oral communication. For additional information about the National Scholarships program, including eligibility requirements for various awards, current students and recent EIU alumni should contact the Honors College office.

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 Freshman Scholarships
Presidential Scholarships: The twenty incoming freshmen admitted each year to the Presidential Scholars Program are awarded financial assistance covering up to 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 by February 1 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 by February 1 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 by February 1 for the following fall term.

Continuing Student Scholarships
President 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 Honors 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 (for Study Abroad)
- Dorothy Davis Bunge Scholarship (Residents of DuPage County)
- First Neighborhood Bankshares Inc. Scholarship
- Rachael Richardson Scholarship

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

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

SUMMARY OF 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

Majors/Options	*Degree*	*Minor*	*Teacher Certification*
Africana Studies	B.S.	Yes	No
Art	B.A., B.F.A.	Yes	Option
Art History Option	B.A.	Yes	No
Graphic Design Option	B.F.A.	No	No
Studio Art Option	B.A.	No	No
Studio Art Option	B.F.A.	No	No
Communication Studies*	B.A.	Yes	No
Communication, Society and Popular Culture Option	B.A.	No	No
Corporate Communication Option	B.A.	No	No
Interpersonal Communication Option	B.A.	No	No
Mass Communication Option	B.A.	No	No
Public Relations Option	B.A.	No	No
English*	B.A.	Yes	Option & Minor
Foreign Languages* (French, German, & Spanish)	B.A.	Yes	Option & Minor
History*	B.A.	Yes	Option
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, English Language Arts, Film Studies, Jazz Studies, Latin American Studies, Medieval Studies, Neuroscience, Professional Writing, Public Relations, Religious Studies, and Women's Studies.

* An Honors Program is available in this major.

Lumpkin College of Business and Applied Sciences

Majors/Options	Degree	Minor	Teacher Certification
School of Business:			
Accounting*	B.S.B.	Yes	No
Business Administration	B.S.B.[2]	Yes	No
Finance*	B.S.B.	Yes	No
Management*	B.S.B.	No	No
Management Information Systems*	B.S.B.	Yes	No
Marketing*	B.S.B.	No	No
School of Family and Consumer Sciences:			
Family/Consumer Sciences*	B.S.	Yes	See CTE major
Dietetics Option	B.S.	No	No
Apparel & Textiles, Consumer Studies, Hospitality, and Merchandising Option	B.S.	No	No
Family Services Option	B.S.	No	No
School of Technology:			
Applied Engineering & Technology*	B.S.	Yes	See CTE major
Career and Technical Education[1]	B.S.	No	Yes
Organizational & Professional Development	B.S.	No	No

Minors are also available in Advertising, Entrepreneurship, Military Science, and Print and Textiles Design 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 Education and Professional Studies

Majors/Option	Degree	Minor	Teacher Certification
Athletic Training	B.S.	No	No
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
First Responder Option	B.S.	No	No
Health Administration Option	B.S.	No	No
Kinesiology and Sports Studies[1]	B.S.	Yes	Option & Minor
Recreation Administration*	B.S.	Yes	No
Therapeutic Recreation Option	B.S.	No	No
Special Education*	B.S.Ed.		
Early Childhood Option[2]	B.S.Ed.	No	Yes
Standard Special Option[2]	B.S.Ed.	No	Yes

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

* An Honors Program is available in this major.

[1]Concentrations available in Exercise Science and Sports Management.

[2]Students majoring in Learning Behavior Specialist I.

College of Sciences

Majors/Options	Degree	Minor	Teacher Certification
Biological Sciences*	B.S.	Yes	**
Environmental Biology Option	B.S.	No	No
Chemistry*	B.A., 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, Environmental Studies, Environmental Sustainability, Geographic Information Sciences, Neuroscience, Pre-Law Studies, and Religious Studies. In addition, the College offers pre-professional programs in Pre-Chiropractic, Pre-Dentistry, Pre-Engineering, Pre-Medicine (Allopathic, Osteopathic), Pre-Nursing, Pre-Occupational Therapy, Pre-Optometry, Pre-Pharmacy, Pre-Physician's Assistant, Pre-Physical Therapy, Pre-Podiatry, 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.

*** Type 73 Support Personnel Certificate 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] Only Registered Nurses are eligible for admission to the B.S. in Nursing Program.

Majors and Minors

Undergraduate Degrees at Eastern Illinois University

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 Fine Arts (BFA)
- 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:

- Students earning fewer than 60 hours should go to the Office of the Registrar and Enrollment Management
- Students earning 60 or more hours should contact their college certification officer when applying for graduation and ask him or her to add the minor(s).

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 contact their college certification officer and ask to add the minor.

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.

College of Arts & Humanities

Bonnie D. Irwin, *Dean*
Patricia Poulter, *Associate Dean*
Dwight Vaught, *Assistant Dean and Director of Doudna Fine Arts Center*
Betsy Miller, *Assistant to the 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.)

Interdisciplinary Studies Coordinators
Africana Studies: James Ochwa-Echel
Asian Studies: Jinhee Lee
Latin American Studies: Vanessa Landrus
Medieval Studies: Bailey Young
Religious Studies: Jonelle DePetro
Social Science Studies: Bonnie Laughlin-Schulz
Women's Studies: Jeannie Ludlow

Africana Studies Program

James Ochwa-Echel, *Coordinator*

Department Telephone: 217.581.5719

Africana Studies (B.S.)

Major

Through the arts, humanities and social sciences, the Africana Studies program at EIU explores key aspects of the experiences of peoples of African descent throughout the world. Its broad educational purposes are to engender among all students an intellectual appreciation of Black life and to enrich EIU curriculum and increase the relevance of an EIU education by providing our students with an appreciation of all cultures. The program offers both a major and a minor.

Total Major Semester Hours: 42

Summary of Program Requirements

- 7 courses from the core - 21 hours
- 3 courses from a single area of concentration - 9 hours

Plus 4 Courses (one course from four different areas of concentration) - 12 hours

Core: Total Semester Hours - 21

- AFR 1000G - Introduction to Africana Studies. Credits: 3
- AFR 2000G - African American Social Movements. Credits: 3
- AFR 2200G - Pan Africanism. Credits: 3
- AFR 2500 - Introduction to Research Methods in Africana Studies. Credits: 3
- AFR 3500 - The African American Intellectual Tradition. Credits: 3
- AFR 4300 - Capstone Seminar. Credits: 3
- HIS 3750 - African-American History: A Survey. Credits: 3

Concentration:

9 Semester hours from a single area of concentration.

Electives: Total Semester Hours - 21

12 Semester hours from four different areas of concentration.

Concentration in History and Culture:

- ANT 3611 - Peoples and Cultures of Africa. Credits: 3
- GEG 3050 - Geography and Culture of Africa. Credits: 3
- HIS 1522G (1510G) - World History: Slavery and Freedom. Credits: 3
- HIS 3250 - African History from 1400. Credits: 3
- JOU 3951 - Minorities and the Media. Credits: 3
- SOC 2840 - Racial and Cultural Minorities. Credits: 3

Concentration in Fine Arts (art, music, theater and dance):

- AFR 3000 - Special Topics in Africana Studies. Credits: 3
- AFR 3300 - African Cinema. Credits: 3
- ART 2300 - African-American Art. Credits: 3
- ART 3610G - African Art. Credits: 3
- MUS 3562G - Non-Western Music. Credits: 3
- THA 3755G - African-American Theatre. Credits: 3

Concentration in Literature:

- 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

Concentration in Politics and International Development:

- AFR 3600 - HIV/AIDS and Development in Africa. Credits: 3
- AFR 3700 - Race and Neighborhood Development. Credits: 3
- AFR 3970 - Study Abroad. Credits: 1 to 15
  (Only 3 hours will count towards the Africana Studies Major)
- PLS 2253G - Introduction to International Relations. Credits: 3
- PLS 3223 - International Organizations. Credits: 3
- PLS 3373 - International Political Economy. Credits: 3

Concentration in Gender:

- AFR 2400 - Black Women in the Diaspora. Credits: 3
- AFR 2600 - African American Men. Credits: 3
- AFR 3150 - Women and Development in Africa. Credits: 3
- AFR 4275 - Internship in Africana Studies. Credits: 1 to 15
  (Only 3 hours will count towards the Africana Studies Major)

- AFR 4400 - Independent Study. Credits: 1 to 3
  (Only 3 hours will count towards the Africana Studies Major)

Africana Studies Minor

Total Semester Hours: 18

Summary of Minor requirements:

- 3 Courses from the core - 9 hours
- 3 Courses from only one area of concentration - 9 hours

Core: Total Semester Hours - 9

- AFR 1000G - Introduction to Africana Studies. Credits: 3
  OR AFR 2000G
- AFR 2500 - Introduction to Research Methods in Africana Studies. Credits: 3
- AFR 4300 - Capstone Seminar. Credits: 3
  (See Note *)

***Note:**

Prior to registering for AFR 4300, students must have completed 75 hours, AFR 2500 or equivalent, and Africana Studies core courses (Majors: AFR 1000G, 2000G, 2200G, 2500, 3500, and HIS 3750; Minors: AFR 1000G or 2000G, and AFR 2500) or have permission from the Director of Africana Studies.

Electives: Total Semester Hours - 9

9 Semester hours from a single area of concentration.

Concentration in History and Culture:

- ANT 3611 - Peoples and Cultures of Africa. Credits: 3
- GEG 3050 - Geography and Culture of Africa. Credits: 3
- JOU 3951 - Minorities and the Media. Credits: 3
- SOC 2840 - Racial and Cultural Minorities. Credits: 3

Concentration in Fine Arts (art, music, theater and dance):

- AFR 3000 - Special Topics in Africana Studies. Credits: 3
- AFR 3300 - African Cinema. Credits: 3
- ART 2300 - African-American Art. Credits: 3
- ART 3610G - African Art. Credits: 3
- MUS 3562G - Non-Western Music. Credits: 3
- THA 3755G - African-American Theatre. Credits: 3

Concentration in Literature:

- 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

Concentration in Politics and International Development:

- AFR 3600 - HIV/AIDS and Development in Africa. Credits: 3
- AFR 3700 - Race and Neighborhood Development. Credits: 3
- AFR 3970 - Study Abroad. Credits: 1 to 15
  (Only 3 hours will count towards the Africana Studies Minor)
- PLS 2253G - Introduction to International Relations. Credits: 3
- PLS 3223 - International Organizations. Credits: 3
- PLS 3373 - International Political Economy. Credits: 3

Concentration in Gender:

- AFR 2400 - Black Women in the Diaspora. Credits: 3
- AFR 2600 - African American Men. Credits: 3
- AFR 3150 - Women and Development in Africa. Credits: 3

- AFR 4275 - Internship in Africana Studies. Credits: 1 to 15
  (Only 3 hours will count towards the Africana Studies Minor)
- AFR 4400 - Independent Study. Credits: 1 to 3
  (Only 3 hours will count towards the Africana Studies Minor)

Department of Art

The Department of Art is an accredited institutional member of the National Association of Schools of Art and Design.

BA in Art and BFA in Art degree programs are available. Students in the BA in Art program select one of two options: Art History or Studio Art. Students in the BFA in Art program select one of three options: Art Education, Graphic Design, or Studio Art.

Department Faculty

Glenn Hild, *Chairperson*

Belleville, P.; Boshart, J.; Chi, K.; Coddington Rast, A.; Eskilson, S.; Griffin, D.; Harrison, E.; Kahler, C.; Leonard-Cravens, M.; Marquardt, J.; Naragon, D.; Nivens, C.; Peterson, R.; Rehm-Mott, D.; Richardson, D; Simpson, M.; Watts, M.

Department Telephone: 217.581.3410

Web Page: http://www.eiu.edu/~art

Art: Art History Option (B.A.)

An option in the Art (B.A.) offerings.

Core Requirements

The Art History option requires a total of 53-61 semester hours and consists of the following. Total hours required varies depending on placement in foreign language sequence.

1. 15 Semester Hours of Required Art History and Art Coursework

- 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

AND

- ART 1000 - Drawing I. Credits: 3
  or
- ART 1110 - Two-Dimensional Foundations. Credits: 3

2. 30 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 I. Credits: 1 to 3
- ART 4765 - Twentieth-Century American Painting and Sculpture. Credits: 3

3. 8-16 Semester Hours of Required Foreign Language Coursework:

- Foreign Language 1101(See footnote 1)
- Foreign Language 1102(See footnote 1)
- Foreign Language 2201G
- Foreign Language 2202G

Footnotes:

Major GPA based on all art courses taken at EIU.

(Footnote 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.

Art: Studio Art Option (B.A)

An option in the Art (B.A.) offerings.

Portfolio Review
Students wishing to pursue the BA with option in Studio Art must apply for admission after earning a total of 45 semester hours of credit, complete the foundations program (Art 1000, 1001, 1110, 1111, 2601, 2602) and six semester hours of 2000 level studio courses (Art 2000, 2050, 2100, 2250, 2560, or 2700), have a minimum cumulative GPA of 2.25 for all coursework, and a minimum Studio Art GPA of 2.75, submit an electronic portfolio of artwork completed in foundations studio courses and 2000 level studio courses, and a one-page statement of intent. The portfolio of artwork will be reviewed and ranked by the Studio Area faculty. Admission in the program is based on a comparative scoring system of performance in the above requirements (cumulative GPA, Studio Art GPA, completion of required coursework, portfolio of artwork, statement of intent).

Exceptions to these requirements can be made only in response to written requests and the subsequent review and recommendation of the Studio Area faculty.

Core Requirements

The BA in Art with Studio Art option requires a total of 53 semester hours. The option coursework consists of 29 semester hours of Studio Art and Art History courses common to both emphases and 24 semester hours of courses from the Two-Dimensional Emphasis OR the Three-Dimensional Emphasis.

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

- 3 Semester Hours of Art History Electives numbered at the 3610-level or above (See Footnote 1).
- 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 2749 - Research Methods and Professional Practices. Credits: 1

3 Semester Hours of Art History Electives numbered at the 3610-level or above. (See Footnote 1)

Two-Dimensional Emphasis (2D)

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

- ART 2250 - Ceramics I. Credits: 3
  or
- ART 2700 - Jewelry and Metalsmithing I. Credits: 3

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

- ART 2000 - Life Drawing 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 3001 - Drawing IV. Credits: 3
- ART 3051 - Painting II. Credits: 3
- ART 3052 - Painting III. Credits: 3
- ART 3080 - Watercolor I. Credits: 3
- ART 3081 - Watercolor II. Credits: 3
- ART 3200 - Digital Art I. Credits: 3
- ART 3201 - Digital Art II. Credits: 3
- ART 3570 - Printmaking II. Credits: 3
- ART 3571 - Printmaking III. Credits: 3
- ART 4000 - Life Drawing II. Credits: 3
- ART 4001 - Life Drawing III. Credits: 3
- ART 4051 - Painting IV. Credits: 3
- ART 4052 - Painting V. Credits: 3
- ART 4053 - Painting VI. Credits: 3
- ART 4400 - Independent Study I. Credits: 1 to 3
- ART 4401 - Independent Study II. Credits: 1 to 3
- ART 4402 - Independent Study III. Credits: 1 to 3
- ART 4580 - Printmaking IV. Credits: 3
- ART 4581 - Printmaking V. Credits: 3
- ART 4582 - Printmaking VI. Credits: 3

6 Semester Hours of Electives Chosen From:

Art History courses (See Footnote 1) and Three-dimensional Studio Art courses (See Footnote 3).

Three-Dimensional Emphasis (3D)

3 Semester Hours of 2D Studio Art Elective Chosen From:

- ART 2000 - Life Drawing I. Credits: 3
- ART 2560 - Printmaking I. Credits: 3
- ART 2910 - Introduction to Graphic Design. Credits: 3
- ART 3200 - Digital Art I. Credits: 3

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

- ART 2250 - Ceramics I. Credits: 3
- ART 2700 - Jewelry and Metalsmithing I. Credits: 3
- ART 3111 - Sculpture II Additive/Constructed. Credits: 3
- ART 3112 - Sculpture III Metal Fabrication. Credits: 3
- ART 3113 - Sculpture IV Casting. Credits: 3
- ART 3251 - Ceramics II. Credits: 3
- ART 3252 - Ceramics III. Credits: 3
- ART 3701 - Jewelry and Metalsmithing II. Credits: 3
- ART 3702 - Jewelry and Metalsmithing III. Credits: 3
- ART 4111 - Sculpture V. Credits: 3
- ART 4112 - Sculpture VI. Credits: 3
- ART 4113 - Sculpture VII. Credits: 3
- ART 4251 - Ceramics IV. Credits: 3
- ART 4252 - Ceramics V. Credits: 3
- ART 4253 - Ceramics VI. Credits: 3
- ART 4400 - Independent Study I. Credits: 1 to 3
- ART 4401 - Independent Study II. Credits: 1 to 3
- ART 4402 - Independent Study III. Credits: 1 to 3
- ART 4701 - Jewelry and Metalsmithing IV. Credits: 3
- ART 4702 - Jewelry and Metalsmithing V. Credits: 3
- ART 4703 - Jewelry and Metalsmithing VI. Credits: 3

6 Semester Hours of Electives Chosen From:

Art History courses (See Footnote 1) and Two-dimensional Studio Art courses (See Footnote 2).

Footnotes:

Major GPA based on all art courses taken at EIU.

(Footnote 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

(Footnote 2) 2D Studio Art Electives Chosen From:

- ART 2000 - Life Drawing 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 3001 - Drawing IV. Credits: 3
- ART 3051 - Painting II. Credits: 3
- ART 3052 - Painting III. Credits: 3
- ART 3080 - Watercolor I. Credits: 3
- ART 3081 - Watercolor II. Credits: 3
- ART 3200 - Digital Art I. Credits: 3
- ART 3201 - Digital Art II. Credits: 3
- ART 3570 - Printmaking II. Credits: 3
- ART 3571 - Printmaking III. Credits: 3
- ART 4000 - Life Drawing II. Credits: 3
- ART 4001 - Life Drawing III. Credits: 3
- ART 4051 - Painting IV. Credits: 3
- ART 4052 - Painting V. Credits: 3
- ART 4053 - Painting VI. Credits: 3
- ART 4580 - Printmaking IV. Credits: 3
- ART 4581 - Printmaking V. Credits: 3
- ART 4582 - Printmaking VI. Credits: 3

(Footnote 3) 3D Studio Art Electives Chosen From:

- ART 2250 - Ceramics I. Credits: 3
- ART 2700 - Jewelry and Metalsmithing I. Credits: 3
- ART 3111 - Sculpture II Additive/Constructed. Credits: 3
- ART 3112 - Sculpture III Metal Fabrication. Credits: 3
- ART 3113 - Sculpture IV Casting. Credits: 3
- ART 3251 - Ceramics II. Credits: 3
- ART 3252 - Ceramics III. Credits: 3
- ART 3701 - Jewelry and Metalsmithing II. Credits: 3
- ART 3702 - Jewelry and Metalsmithing III. Credits: 3
- ART 4111 - Sculpture V. Credits: 3
- ART 4112 - Sculpture VI. Credits: 3
- ART 4113 - Sculpture VII. Credits: 3
- ART 4251 - Ceramics IV. Credits: 3
- ART 4252 - Ceramics V. Credits: 3
- ART 4253 - Ceramics VI. Credits: 3
- ART 4701 - Jewelry and Metalsmithing IV. Credits: 3
- ART 4702 - Jewelry and Metalsmithing V. Credits: 3
- ART 4703 - Jewelry and Metalsmithing VI. Credits: 3

Art: Graphic Design Option (B.F.A.)

An option in the Art (B.F.A.) offerings.

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, 1001, 1110, 1111, 2500, 2601, 2602, 2910, 2920, 3 credit hours from 2050 or 2560, 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 digital portfolio. The art and design digital portfolio will be reviewed and ranked by the Graphic Design

Selective Admissions Committee. The art and design digital portfolio must receive a score by the Selective Admissions Committee of 2.75 or higher on a 4.0 scale. 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 digital 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 80 semester hours and consists of the following.

1.) 29 Semester Hours of required Pre-Graphic Design coursework

(first and second year of 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 2500 - Health and Safety in the Visual Arts. Credits: 1
- ART 2749 - Research Methods and Professional Practices. Credits: 1
- 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

3 semester hours of Studio Art electives from:

- ART 2050 - Painting I. Credits: 3
  OR
- ART 2560 - Printmaking I. Credits: 3

2.) 36 Semester Hours of required Graphic Design coursework

(third and fourth year of program)

- ART 3910 - Typography I. Credits: 3
- ART 3911 - Graphic Design I. Credits: 3
- ART 3912 - Interactive/Motion Graphics I. Credits: 3
- ART 3920 - Typography II. Credits: 3
- ART 3921 - Graphic Design II. Credits: 3
- ART 3922 - Interactive/Motion Graphics II. Credits: 3
- ART 4749 - Senior Portfolio. Credits: 0
- ART 4910 - Typography III. Credits: 3
- ART 4911 - Graphic Design III. Credits: 3
- ART 4912 - Interactive/Motion Graphics III. Credits: 3
- ART 4920 - Typography IV. Credits: 3
- ART 4921 - Graphic Design IV. Credits: 3
- ART 4922 - Interactive/Motion Graphics IV. Credits: 3

3.) 9 Semester Hours of Art History:

ART 3940

- ART 3940 - History of Graphic Design. Credits: 3

3 Semester Hours of Art History elective chosen from:

- ART 3680 - Modern Art. Credits: 3
  OR
- ART 3681 - Contemporary Art. Credits: 3

3 Additional Semester Hours of Art History elective numbered at the 3610 level or above (See Footnote 1)

4.) 6 Semester Hours of electives chosen from Art courses and/or the following:

- AET 2123 - Digital Photography and Imaging. Credits: 3
- AET 3343 - Digital Media Technologies. Credits: 3
- AET 4353 - Print and Digital Media Production. Credits: 3
- AET 4813 - Advanced Digital Media Technologies. Credits: 3
- CMN 3540 - Videography. Credits: 3
- CMN 4500A - Topics in Electronic Media Production I. Credits: 3
  or CMN 4500B or CMN 4500D or CMN 4500E
- CMN 4540 - Advanced Video Production. Credits: 3
- ENG 4760 - Studies in Professional Writing. Credits: 3
- JOU 2950 - Introduction to Visual Communication. Credits: 3
- JOU 3001 - Photojournalism. Credits: 3

Footnotes:

Major GPA based on all art course taken at EIU.

(Footnote 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

Art: Studio Art Option (B.F.A.)

An option in the Art (B.F.A.) offerings.

Portfolio Review

Students wishing to pursue the BFA with option in Studio Art must apply for admission after earning a total of 45 semester hours of credit, complete the foundations program (Art 1000, 1001, 1110, 1111, 2601, 2602) and six semester hours of 2000 level studio courses (Art 2000, 2050, 2100, 2250, 2560, or 2700), have a minimum cumulative GPA of 2.25 for all coursework, and a minimum Studio Art GPA of 2.75, submit an electronic portfolio of artwork completed in foundations studio courses and 2000-level studio courses, and a one-page statement of intent. The portfolio of artwork will be reviewed and ranked by the Studio Area faculty. Admission in the program is based on a comparative scoring system of performance in the above requirements (cumulative GPA, Studio Art GPA, completion of required coursework, portfolio of artwork, statement of intent).

Exceptions to these requirements can be made only in response to written requests and the subsequent review and recommendation of the Studio Area faculty.

Core Requirements

The BFA in Art with Studio Art option requires a total of 80 semester hours. The option coursework consists of 35 semester hours of Studio Art and Art History courses common to both emphases and 45 semester hours of courses from the Two-Dimensional Emphasis OR the Three-Dimensional Emphasis.

35 Semester Hours of Required Studio Art and Art History Coursework:

- 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 2749 - Research Methods and Professional Practices. Credits: 1
- ART 2601G - History of Art I. Credits: 3
- ART 2602G - History of Art II. Credits: 3
- ART 4749 - Senior Portfolio. Credits: 0
  (Audit Only)

6 Semester Hours of Art History Electives Numbered at the 3610-level or above (See Footnote 1)

3 Semester Hours of Art History Elective Chosen from:

- ART 3680 - Modern Art. Credits: 3
  OR
- ART 3681 - Contemporary Art. Credits: 3

Two-Dimensional Emphasis (2D)

6 Semester Hours of Required 2D Studio Art Courses:

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

30 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 3001 - Drawing IV. Credits: 3
- ART 3051 - Painting II. Credits: 3
- ART 3052 - Painting III. Credits: 3
- ART 3080 - Watercolor I. Credits: 3
- ART 3081 - Watercolor II. Credits: 3
- ART 3200 - Digital Art I. Credits: 3
- ART 3201 - Digital Art II. Credits: 3
- ART 3570 - Printmaking II. Credits: 3
- ART 3571 - Printmaking III. Credits: 3
- ART 4000 - Life Drawing II. Credits: 3
- ART 4001 - Life Drawing III. Credits: 3
- ART 4051 - Painting IV. Credits: 3
- ART 4052 - Painting V. Credits: 3
- ART 4053 - Painting VI. Credits: 3
- ART 4400 - Independent Study I. Credits: 1 to 3
- ART 4401 - Independent Study II. Credits: 1 to 3
- ART 4402 - Independent Study III. Credits: 1 to 3
- ART 4580 - Printmaking IV. Credits: 3
- ART 4581 - Printmaking V. Credits: 3
- ART 4582 - Printmaking VI. Credits: 3

9 Semester Hours of Electives Chosen from:

Art History courses (See Footnote 1) and Three-dimensional Studio Art courses (See Footnote 3).

Three-Dimensional Emphasis (3D)

6 Semester Hours of Required 3D Studio Art Courses:

- ART 2250 - Ceramics I. Credits: 3
- ART 2700 - Jewelry and Metalsmithing I. Credits: 3

30 Semester Hours of 3D Studio Art Electives Chosen from:

- ART 3111 - Sculpture II Additive/Constructed. Credits: 3
- ART 3112 - Sculpture III Metal Fabrication. Credits: 3
- ART 3113 - Sculpture IV Casting. Credits: 3
- ART 3251 - Ceramics II. Credits: 3
- ART 3252 - Ceramics III. Credits: 3
- ART 3701 - Jewelry and Metalsmithing II. Credits: 3
- ART 3702 - Jewelry and Metalsmithing III. Credits: 3
- ART 4111 - Sculpture V. Credits: 3
- ART 4112 - Sculpture VI. Credits: 3
- ART 4113 - Sculpture VII. Credits: 3
- ART 4251 - Ceramics IV. Credits: 3
- ART 4252 - Ceramics V. Credits: 3
- ART 4253 - Ceramics VI. Credits: 3
- ART 4400 - Independent Study I. Credits: 1 to 3
- ART 4401 - Independent Study II. Credits: 1 to 3
- ART 4402 - Independent Study III. Credits: 1 to 3
- ART 4701 - Jewelry and Metalsmithing IV. Credits: 3
- ART 4702 - Jewelry and Metalsmithing V. Credits: 3
- ART 4703 - Jewelry and Metalsmithing VI. Credits: 3

9 Semester Hours of Electives Chosen from:

Art History courses (See Footnote 1) and Two-dimensional Studio Art courses (See Footnote 2).

Footnotes:

Major GPA based on all art courses taken at EIU.

(Footnote 1) Art History Electives:

- 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

(Footnote 2) 2D Studio Art Electives Chosen From:

- ART 2000 - Life Drawing 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 3001 - Drawing IV. Credits: 3
- ART 3051 - Painting II. Credits: 3
- ART 3052 - Painting III. Credits: 3
- ART 3080 - Watercolor I. Credits: 3
- ART 3081 - Watercolor II. Credits: 3
- ART 3200 - Digital Art I. Credits: 3
- ART 3201 - Digital Art II. Credits: 3
- ART 3570 - Printmaking II. Credits: 3
- ART 3571 - Printmaking III. Credits: 3
- ART 4000 - Life Drawing II. Credits: 3
- ART 4001 - Life Drawing III. Credits: 3
- ART 4051 - Painting IV. Credits: 3
- ART 4052 - Painting V. Credits: 3
- ART 4053 - Painting VI. Credits: 3
- ART 4580 - Printmaking IV. Credits: 3
- ART 4581 - Printmaking V. Credits: 3
- ART 4582 - Printmaking VI. Credits: 3

(Footnote 3) 3D Studio Art Electives Chosen From:

- ART 2250 - Ceramics I. Credits: 3
- ART 2700 - Jewelry and Metalsmithing I. Credits: 3
- ART 3111 - Sculpture II Additive/Constructed. Credits: 3
- ART 3112 - Sculpture III Metal Fabrication. Credits: 3
- ART 3113 - Sculpture IV Casting. Credits: 3
- ART 3251 - Ceramics II. Credits: 3
- ART 3252 - Ceramics III. Credits: 3
- ART 3701 - Jewelry and Metalsmithing II. Credits: 3
- ART 3702 - Jewelry and Metalsmithing III. Credits: 3
- ART 4111 - Sculpture V. Credits: 3
- ART 4112 - Sculpture VI. Credits: 3
- ART 4113 - Sculpture VII. Credits: 3
- ART 4251 - Ceramics IV. Credits: 3
- ART 4252 - Ceramics V. Credits: 3
- ART 4253 - Ceramics VI. Credits: 3
- ART 4701 - Jewelry and Metalsmithing IV. Credits: 3
- ART 4702 - Jewelry and Metalsmithing V. Credits: 3
- ART 4703 - Jewelry and Metalsmithing VI. Credits: 3

Art with Teacher Certification Option (B.F.A)

An option in the Art (B.F.A.) offerings.

The BFA 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 courses used toward graduation, regardless of where they are taken. This includes general education, professional education, major and minor courses, all university required courses, and electives. Students must maintain a minimum cumulative and major GPA of 3.0 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 Academic Proficiency (formerly called Basic Skills Test) for selection into teacher education and should complete this requirement no later than the end of their first semester junior (3rd) year.

Students have two options for completing the professional education coursework – Regular Secondary Education Program and Integrated Secondary Education Program (ISEP). Students are encouraged to apply for the ISEP to complete the professional education coursework; contact Secondary Education Office for admission information. Consult with your academic advisor and read the Teacher Certification Program section of this catalog for more information regarding these two options.

Core Requirements

1. 74 Semester Hours in Art Studio, Art History, and Art Education

Consisting of the following:

a. 44 Semester Hours in Studio Art Courses

*** 23 semester hours of required Studio Art courses:**

- 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 2250 - Ceramics I. Credits: 3
- ART 2500 - Health and Safety in the Visual Arts. Credits: 1
- ART 2560 - Printmaking I. Credits: 3
- ART 2749 - Research Methods and Professional Practices. Credits: 1

*** 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

*** 9 semester hours of Studio Art electives chosen from:**

- ART 2000 - Life Drawing I. Credits: 3
  or
- ART 2100 - Sculpture I. Credits: 3
  or
- ART 2700 - Jewelry and Metalsmithing I. Credits: 3
  or
- ART 2920 - Graphic Abstractions. 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, or sculpture.

b. 12 Semester Hours in Art History courses:

*** 6 semester hours of required Art History courses:**

- ART 2601G - History of Art I. Credits: 3
  (See footnote 1)
- ART 2602G - History of Art II. Credits: 3
  (See footnote 1)

*** 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 above (See footnote 2)**

AND

c. 18 Semester Hours of required Art Education Methods Courses

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

2. 24-30 Semester Hours in the Professional Education Core

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

Integrated Secondary Education Program (ISEP)

- 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: 3
- SED 4000 - ISEP Level III. Credits: 3
- STG 4001 - Student Teaching. Credits: 12-16

OR

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 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

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

(Footnote 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.

(Footnote 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 3940 - History of Graphic Design. Credits: 3
- ART 4775 - Seminar in Twentieth-Century Art History and Criticism. 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

Studio 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 Studio Art Electives:
Students, in consultation with an academic advisor in the Art Department, will select 15 semester hours of studio art electives. All studio art electives must be selected from one area only: choose all two-dimensional or all three-dimensional courses to fulfill the studio art 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 I. 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 3001 - Drawing IV. Credits: 3
- ART 3051 - Painting II. Credits: 3
- ART 3052 - Painting III. Credits: 3
- ART 3080 - Watercolor I. Credits: 3
- ART 3081 - Watercolor II. Credits: 3
- ART 3200 - Digital Art I. Credits: 3
- ART 3201 - Digital Art II. Credits: 3
- ART 3570 - Printmaking II. Credits: 3
- ART 3571 - Printmaking III. Credits: 3
- ART 4000 - Life Drawing II. Credits: 3
- ART 4001 - Life Drawing III. Credits: 3
- ART 4051 - Painting IV. Credits: 3
- ART 4052 - Painting V. Credits: 3
- ART 4053 - Painting VI. Credits: 3
- ART 4580 - Printmaking IV. Credits: 3
- ART 4581 - Printmaking V. Credits: 3
- ART 4582 - Printmaking VI. Credits: 3

OR Three-Dimensional Courses

- ART 2100 - Sculpture I. Credits: 3
- ART 2250 - Ceramics I. Credits: 3
- ART 2700 - Jewelry and Metalsmithing I. Credits: 3
- ART 3111 - Sculpture II Additive/Constructed. Credits: 3
- ART 3112 - Sculpture III Metal Fabrication. Credits: 3
- ART 3113 - Sculpture IV Casting. Credits: 3
- ART 3251 - Ceramics II. Credits: 3
- ART 3252 - Ceramics III. Credits: 3
- ART 3701 - Jewelry and Metalsmithing II. Credits: 3
- ART 3702 - Jewelry and Metalsmithing III. Credits: 3
- ART 4111 - Sculpture V. Credits: 3
- ART 4112 - Sculpture VI. Credits: 3
- ART 4113 - Sculpture VII. Credits: 3
- ART 4251 - Ceramics IV. Credits: 3
- ART 4252 - Ceramics V. Credits: 3
- ART 4253 - Ceramics VI. Credits: 3
- ART 4701 - Jewelry and Metalsmithing IV. Credits: 3
- ART 4702 - Jewelry and Metalsmithing V. Credits: 3
- ART 4703 - Jewelry and Metalsmithing VI. Credits: 3

Department of Communication Studies

Department Faculty

Michael Bradd, *Interim Chairperson*

Bell, S.; Bradd, M.; Brooks, B; Bryan, L.; Casey, L.; Coleman, J.; Eisenhour, J.; Everton, M.; Gill, E.; Gill, M.; Gracon, D.; Gronstal, S.; Gronnvoll, M.; Hoerschelmann, O.; Ingram, D.; Jacobs, A.; Janssen, C.; Jones, R.; Marshall, R.; McDaniel, R.; Mills, M.; Peralta, C.; Robinson, A.; Sowa, B.; Scholz, T.; Szczur, S.; Walsh, A.; Walus, S ; Wilson-Brown, C.

Department Telephone: 217.581.2016

Communication Studies (B.A.)

Major

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). 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.

Communication Studies: Communication, Society & Popular Culture (B.A.)

This option provides students with a comprehensive approach that examines the role of discourses and practices that create and sustain social systems. Through core and elective classes, students will be trained to put critical theories into practice by critiquing, designing, and implementing messages in various outlets.

Total Semester Hours: 45

Departmental Core

Total Semester Hours: 12

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

Option Core

Total Semester Hours: 21

- CMN 3220 - Communication, Race and Ethnicity. Credits: 3
- CMN 3260 - Communication of Class in U.S. Culture. Credits: 3
- CMN 3270 - Communication and Popular Culture. Credits: 3
- CMN 3560 - International Communication. Credits: 3
- CMN 3903 - Communication of Gender and the Body. Credits: 3
- CMN 4780 - Communication and Culture. Credits: 3
- CMN 4820 - Political Communication. Credits: 3

Electives in Critical Theory

Total Semester Hours: 6

Select two courses from the list below:

- ANT 4511 - Comparative Economic Systems. Credits: 3 (cross-listed with ECN 4511)
- ART 3680 - Modern Art. Credits: 3
- ART 3681 - Contemporary Art. Credits: 3
- ART 3940 - History of Graphic Design. Credits: 3
- CMN 3200 - Introduction to Rhetoric and Social Critique. Credits: 3
- CMN 3210 - Rhetorics of Protest, Movement, and Resistance. Credits: 3
- CMN 3240 - Religion in the American Public Sphere. Credits: 3
- CMN 4750 - Contemporary Approaches to Mass Communication. Credits: 3
  (CMN 2520 prerequisite)
- CMN 4770 - Television Criticism. Credits: 3
  (Completion of department core prerequisite)
- ECN 3100 - Global Threats and Problems. Credits: 3
  (Cross-listed with CSC/GEG/PLS/SOC 3100.)
- ENG 3903 - Women, Literature, and Language. Credits: 3
- ENG 4760 - Studies in Professional Writing. Credits: 3
- ENG 4775 - Studies in Literary and Cultural Criticism and Theory. Credits: 3
- ENG 4904 - Studies in Film. Credits: 3
- HIS 3940 - History of American Journalism. Credits: 3
- MUS 3562G - Non-Western Music. Credits: 3
- PHI 3050G - Social and Political Philosophy. Credits: 3
- PHI 3820 - Contemporary European Philosophy. Credits: 3
- SOC 3420 - Sociology of Popular Culture. Credits: 3
- SOC 4720 - Sociology of Social Movements. Credits: 3

Electives in Critical Practice

Total Semester Hours: 6

Select two courses from the list below:

- AET 2123 - Digital Photography and Imaging. Credits: 3
- AET 4813 - Advanced Digital Media Technologies. Credits: 3
- CMN 2525 - Studio Production. Credits: 3
- CMN 2575 - Field Production. Credits: 3
- CMN 3500 - Electronic Media Relations. Credits: 3
- CMN 3540 - Videography. 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
- CMN 3940 - Advertising: Theory and Practice. Credits: 3
- CMN 4500A - Topics in Electronic Media Production I. Credits: 3
  or CMN 4500B or CMN 4500D or CMN 4500E
- CMN 3610 - Broadcast News. Credits: 3
  (cross-listed with JOU 3610)
- CMN 3620 - Advanced Broadcast News. Credits: 3
  (cross-listed with JOU 3620)
- CMN 3910 - Communication in Health Professions. Credits: 3
- JOU 2101 - News Writing. Credits: 3
- JOU 3102 - Feature Writing. Credits: 3
- JOU 3820 - Publicity Methods. Credits: 3

Communication Studies: Corporate Communication Option (B.A.)

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 Methods. 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.

Communication Studies: Interpersonal Communication Option (B.A.)

This Option is designed for students who are interested in developing knowledge, skills, and abilities that facilitate effective communication in personal, professional, and group contexts. Option Core requirements examine interpersonal communication processes of influence, support, conflict, and intimacy among friends, family, romantic partners, and in the workplace. Graduates with an Interpersonal Communication Option are particularly well-prepared for positions which require working with individuals and groups from varying backgrounds, with differing needs and interests, and where the goals of communication are to inform/explain, influence, and/or negotiate resolution of problems or disputes. Interpersonal Communication students can tailor the program so as to prepare themselves for work in multiple or multi-faceted communicative environments (e.g. as an advisor, educator, mediator, liaison, change agent in profit, non-profit, and national and international contexts).

Total Semester Hours: 45

Department Core

Total Semester Hours: 12

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

Option Core

Total Semester Hours: 21

- CMN 2630 - Introduction to Interpersonal Communication. Credits: 3
- CMN 3100 - Persuasion. Credits: 3
- CMN 3470 - Small Group Communication. Credits: 3
- CMN 3640 - Advanced Interpersonal Communication. Credits: 3
- CMN 3660 - Communication and Conflict Management. Credits: 3
- CMN 3710 - Intercultural Communication. Credits: 3
- CMN 4765 - Communication in Families. Credits: 3

Electives

Total Semester Hours: 12
Selected in consultation with an advisor.

Communication Studies: Mass Communication Option (B.A.)

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 or Electronic Media Production.

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 Methods. Credits: 3
- CMN 2030 - Applied Communication. Credits: 3
- CMN 2040 - Argumentation and Critical Thinking. Credits: 3

Option Core

Total Semester Hours: 21

- CMN 2525 - Studio Production. Credits: 3
- CMN 2575 - Field Production. Credits: 3
- CMN 3610 - Broadcast News. Credits: 3
  or JOU 3610
- CMN 3620 - Advanced Broadcast News. Credits: 3
  or JOU 3620
- JOU 2101 - News Writing. Credits: 3
- JOU 3610 - Broadcast News. Credits: 3
  or CMN 3610
- JOU 3620 - Advanced Broadcast News. 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 - Videography. Credits: 3
- CMN 3750 - Computer Mediated Communication I. Credits: 3
- CMN 3752 - Computer Mediated Communication II. Credits: 3
- CMN 4030A - Seminar I. Credits: 3
  or CMN 4030B or 4030D or 4030E
  (if applicable)
- CMN 42751 - Internship I. Credits: 1 to 12
  or CMN 42752 or CMN 42753 or CMN 42754
- CMN 4500A - Topics in Electronic Media Production I. Credits: 3
  or CMN 4500B or CMN 4500D or CMN 4500E
  (if applicable)
- CMN 4850A - Topics in Computer Mediated Communication I. Credits: 3
  or CMN 4850B
  (if applicable)
- JOU 2950 - Introduction to Visual Communication. Credits: 3
- JOU 3001 - Photojournalism. Credits: 3
- JOU 3706 - Sports Writing Credits: 3
- JOU 3950A - Special Topics I. Credits: 1 to 3
  or JOU 3950B or JOU 3950D or JOU 3950E
  (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 Required Hours: 45-46

Required Coursework (Department Core): 12 Hours

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

Concentration Core: 21-22 Hours

- CMN 2520 - Introduction to Mass Communication. Credits: 3
- CMN 2525 - Studio Production. Credits: 3
- CMN 3500 - Electronic Media Relations. Credits: 3

Select one of the following:

AUDIO

- CMN 2550 - Broadcast Announcing. Credits: 3
- CMN 3520 - Radio Production. Credits: 3
- CMN 4420 - Mass Media Advertising-Sales. Credits: 3
- CMN 4450 - Electronic Media Profession. Credits: 3

VIDEO

- CMN 2575 - Field Production. Credits: 3
- CMN 3540 - Videography. Credits: 3
- CMN 4450 - Electronic Media Profession. Credits: 3
- CMN 4540 - Advanced Video Production. Credits: 3

ALTERNATIVE MEDIA ARTS:

- CMN 2575 - Field Production. Credits: 3
- CMN 3530 - Film Communication Credits: 4
- CMN 3540 - Videography. Credits: 3
- CMN 3570A - Topics in Media History I. Credits: 3
  or CMN 3570B or CMN 3570D
  OR
- CMN 4030A - Seminar I. Credits: 3
  or CMN 4030B or CMN 4030D or CMN 4030E (if topic is applicable)

MULTIMEDIA:

- CMN 2575 - Field Production. Credits: 3
- CMN 3750 - Computer Mediated Communication I. Credits: 3
- CMN 3752 - Computer Mediated Communication II. Credits: 3
- CMN 4540 - Advanced Video Production. Credits: 3

Electives: 12 Hours

Selected in consultation with an advisor.

- CMN 3270 - Communication and Popular Culture. Credits: 3
- CMN 3560 - International Communication. Credits: 3
- CMN 3570A - Topics in Media History I. Credits: 3
  or CMN 3570B or CMN 3570D
  (May be counted twice if topic is different)
- CMN 3953 - Perspectives on Sports and the Media. Credits: 3
- CMN 4030A - Seminar I. Credits: 3
  or CMN 4030B or CMN 4030D or CMN 4030E
  (If topic is applicable)
- CMN 4500A - Topics in Electronic Media Production I. Credits: 3
  or CMN 4500B or CMN 4500D or CMN 4500E
  (May be counted twice if topic is different)
- CMN 4540 - Advanced Video Production. Credits: 3
- CMN 4750 - Contemporary Approaches to Mass Communication. Credits: 3
- CMN 4770 - Television Criticism. Credits: 3
- CMN 4780 - Communication and Culture. Credits: 3
- CMN 4850A - Topics in Computer Mediated Communication I. Credits: 3
  or CMN 4850B
  (May be counted twice if topic is different)

Communication Studies: Public Relations Option (B.A.)

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 Methods. 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 2920 - Introduction to Public Relations. Credits: 3
- CMN 3100 - Persuasion. Credits: 3
- CMN 3500 - Electronic Media Relations. Credits: 3
- CMN 3960 - Advocacy and Message and Design. Credits: 3
- CMN 4920 - Case Studies in Public Relations Problems. Credits: 3

Electives

Total Semester Hours: 12
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 44441 - Honors Independent Study I. Credits: 3 to 6
  or CMN 44442
- CMN 45551 - Honors Research I. Credits: 3 to 6
  or CMN 45552
- 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 communicate 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 Methods. Credits: 3
- CMN 2030 - Applied Communication. Credits: 3
- CMN 2040 - Argumentation and Critical Thinking. Credits: 3

Electives

Total Semester Hours: 12

CMN Electives [1] (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 communication 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.

Department of English

Department Faculty

Dana Ringuette, *Chairperson*

Abella, O.; Allison, J.; Ames, M.; Athey, L.; Beebe, R.; Berry, L.; Binns, D.; Boswell, P.; Bredesen, D.; Brown, J.; Buck, R.; Caldwell, M.; Campbell, J.; Carpenter, D.; Dudley, C.; Dwiggins, M.; Engles, T.; Feltt, B.; Fredrick, T.; Gay, R.; Hanlon, C.; Heicher, R.; Hoberman, R.; Huston, N.; Knight, L.; Kory, F.; Kuo, M.; Leddy, M.; Loudon, M.; Ludlow, J.; Markelis, D.; Martinez, R.; McGregor, F.; Moore, J.; Murray, R.; Olsen, K.; Page, L.; Panjwani, J.; Park, S.; Preston, D.; Quesada, R.; Raybin, D.; Rodems, K.; Shonk, T.; Smith, Jad; Smith, Jamila; Suksang, D.; Swords, S.; Taylor, T.; Tessitore, D.; Valentino, D.; Veach, T.; Vietto, A.; Wharram, C.; Wixson, C.; Worthington, M.; Zordani, R.

Department Telephone: 217.581.2428

Web Page: http://www.eiu.edu/~english

English (B.A.)

English Major Requirements

Group 1 - Foundation Courses (13 credits). All of:

- ENG 1105 - English Major Forum. Credits: 1
- 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). Credits: 3
- 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 3907 - Asian 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 3604A - Special Topics in Literature and Language. Credits: 3
- 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 3604B - Special Topics in Literature and Language. Credits: 3
- 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 3604D - Special Topics in Literature and Language. Credits: 3
- ENG 3703 - American Literature: 1900 to 1950. Credits: 3
- ENG 3704 - American Literature: 1950 to present. Credits: 3
- ENG 3808 - Modern 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 ENG 2009G/ENG 2099G, ENG 2011G/ENG 2091G, and ENG 3009G/ENG3099G. English majors (non-teacher certification) are required to select 2 of the 5 elective courses at the 3000 level or above. 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 2009G - Literature and Human Values 1, 2, 3, 4. Credits: 3
- ENG 2011G - Literature, the Self and the World 1, 2, 3. Credits: 3
- ENG 2091G - Literature, the Self, and the World 1, 2, 3, Honors. Credits: 3
- ENG 2099G - Literature and Human Values 1, 2, 3, 4, Honors. 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 3406 - Literature for Pre-Adolescents. Credits: 3
- ENG 3504 - Film and Literature. Credits: 3
- ENG 3600 - The Bible as Literature. Credits: 3
- ENG 3604E - Special Topics in Literature and Language. 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 4400 - Independent Study. 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 4903 - Young Adult Literature. Credits: 3
- ENG 4904 - Studies in Film. Credits: 3
- ENG 4905 - Studies in Youth 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 2009G/ENG 2099G, ENG 2011G/ENG 2091G, and ENG 3009G/ENG3099G, 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 ENG 2009G/ENG 2099G, ENG 2011G/ENG 2091G, and ENG 3009G/ENG3099G.)

English Language Arts Option for Teacher Certification (B.A.)

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 "C" or better in all courses used toward graduation, regardless of where they are taken. This includes general education, professional education, major and minor course, all university required courses, and electives. Students must maintain a minimum cumulative and major GPA of 2.75 in order to continue in the program. 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 (25 credits). All of:

- ENG 1105 - English Major Forum. Credits: 1
- 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). Credits: 3
- 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 3907 - Asian 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 3604A - Special Topics in Literature and Language. Credits: 3
- 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 3604B - Special Topics in Literature and Language. Credits: 3
- 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 3604D - Special Topics in Literature and Language. Credits: 3
- ENG 3703 - American Literature: 1900 to 1950. Credits: 3
- ENG 3704 - American Literature: 1950 to present. Credits: 3
- ENG 3808 - Modern 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 and Bibliography. 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 ENG 2009G/ENG 2099G, ENG 2011G/ENG 2091G, and ENG 3009G/ENG3099G. English majors (non-teacher certification) are required to select 2 of the 5 elective courses at the 3000 level or above. 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 2009G - Literature and Human Values 1, 2, 3, 4. Credits: 3
- ENG 2011G - Literature, the Self and the World 1, 2, 3. Credits: 3
- ENG 2091G - Literature, the Self, and the World 1, 2, 3, Honors. Credits: 3
- ENG 2099G - Literature and Human Values 1, 2, 3, 4, Honors. 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 3406 - Literature for Pre-Adolescents. Credits: 3
- ENG 3504 - Film and Literature. Credits: 3
- ENG 3600 - The Bible as Literature. Credits: 3
- ENG 3604E - Special Topics in Literature and Language. Credits: 3
- ENG 3606 - Modern Drama. Credits: 3
- ENG 3706 - American Regional Literature. Credits: 3
- ENG 3901 - Language and Linguistics. Credits: 3
- ENG 4275 - Internship in Professional Writing. Credits: 4
- ENG 4400 - Independent Study. Credits: 3
- 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 4904 - Studies in Film. Credits: 3
- ENG 4905 - Studies in Youth 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 2009G/ENG 2099G, ENG 2011G/ENG 2091G, and ENG 3009G/ENG3099G, 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 ENG 2009G/ENG 2099G, ENG 2011G/ENG 2091G, and ENG 3009G/ENG3099G.)

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 scale after completing English 1001G/91G, 1002G/92G and two additional EIU English courses or one EIU English course and one transfer equivalent. 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 12 semester hours with a 3.50 GPA:

- One 2000- or 3000-level English Honors course, excluding 2091G, 2099G, 3090G.
- One 5000-level Graduate Seminar (5000-5010). Credits: 3
- ENG 4444 - Honors Independent Study. Credits: 3
- ENG 4644 - Honors Thesis. Credits: 3

English Minor

Total Hours: 18

- ENG 2205 - Introduction to Literary Studies. Credits: 3

One additional course in writing (3 credits total), chosen from:

- Any 4000-level course in creative writing (note prerequisites). Credits: 3
- 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

Electives in English, 12 semester hours

Twelve semester hours of electives (normally four courses) in English selected in consultation with an English advisor. These must include at least two other courses numbered 3000 or above and may not include any of the following or more than three hours of 3970 (Study Abroad):

- ENG 0990 - English as a Second Language I. Credits: 4
- ENG 0995 - English as a Second Language II. Credits: 4
- ENG 1000 - Fundamentals of College Composition. Credits: 3
- ENG 1001G - Composition and Language. Credits: 3
- ENG 1002G - Composition and Literature. Credits: 3
- ENG 1091G - Composition and Language, Honors. Credits: 3
- ENG 1092G - Composition and Literature, Honors. 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 4906 - Problems in the Teaching of English. Credits: 3

English Language Arts Minor

Total Hours: 24

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: Additional subject specific secondary endorsements can only be added to a Secondary Certificate or Type 10 (K-12) Certificate. Subject-specific secondary endorsements cannot be added to the Early Childhood, Elementary or Middle Level Certificates.

- ENG 2205 - Introduction to Literary Studies. Credits: 3

One course (3 credits total) chosen from the following:

- Any 4000-level course in creative writing (note prerequisites). Credits: 3
- 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

One course (3 credits total) chosen from the following:

- ENG 2705 - African-American Literature. Credits: 3
- ENG 2850 - Postcolonial Literatures in English. Credits: 3
- ENG 3705 - American Multicultural Literatures. Credits: 3
- ENG 3907 - Asian Literatures. Credits: 3
- ENG 4750 - Studies in African-American Literature. Credits: 3
- ENG 4850 - Studies in Third World Literatures. Credits: 3

One course (3 credits total) chosen from the following:

- ENG 3406 - Literature for Pre-Adolescents. Credits: 3
- ENG 4903 - Young Adult Literature. Credits: 3

One course (3 credits total) chosen from the following:

- ENG 3604A - Special Topics in Literature and Language. Credits: 3
- ENG 3604B - Special Topics in Literature and Language. Credits: 3
- ENG 3604D - Special Topics in Literature and Language. Credits: 3
- ENG 3700 - American Literature: 1450 to 1800. Credits: 3
- ENG 3701 - American Literature: 1800 to Mid-19th Century. Credits: 3
- ENG 3702 - American Literature: Mid-19th Century to 1900. Credits: 3
- ENG 3703 - American Literature: 1900 to 1950. Credits: 3
- ENG 3704 - American Literature: 1950 to present. 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
- ENG 3806 - British Romantic Literature. Credits: 3
- ENG 3807 - Victorian Literature. Credits: 3
- ENG 3808 - Modern British Literature. Credits: 3
- ENG 3809 - Contemporary British and Anglophone Literatures. Credits: 3

One course (3 credits total) chosen from the following:

- ENG 3401 - Methods of Teaching Composition in the Secondary School. Credits: 3
- ENG 3402 - Methods of Teaching Literature in the Secondary School. Credits: 3

Electives in English, 6 semester hours

Six semester hours of electives (normally two courses) in English selected in consultation with an English advisor, at least one of which must be at the 3000-level or above. These may not include any of the following:

- ENG 0990 - English as a Second Language I. Credits: 4

- ENG 0995 - English as a Second Language II. Credits: 4
- ENG 1000 - Fundamentals of College Composition. Credits: 3
- ENG 1001G - Composition and Language. Credits: 3
- ENG 1002G - Composition and Literature. Credits: 3
- ENG 1091G - Composition and Language, Honors. Credits: 3
- ENG 1092G - Composition and Literature, Honors. Credits: 3

Note:

Note: Per the Illinois State Board of Education, at least 12 of the credit hours completed toward a minor in teacher certification must be upper-division course work (3000-level courses or higher). Students must receive a "C" or better in all courses counted toward the English minor and must maintain a minimum cumulative and major GPA of 2.75 in order to continue in the program.

Creative Writing Minor

Total Semester Hours: 18

18 semester hours from the following courses, with at least 9 Semester Hours at the 4000- or 5000-level.

- ENG 5020 - Graduate Workshop in Creative Writing. Credits: 3
  (Special Permission Required: must have 3.25 GPA or better in 9 SH of creative writing courses and must meet Graduate School criteria for taking graduate-level classes as an undergraduate—senior standing, 2.75 overall GPA, and permission of the instructor and of Graduate Dean)
- 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

Professional Writing Minor

Total Hours: 23

- ENG 2760 - Introduction to Professional Writing. Credits: 3
- ENG 3005 - Technical Communication. Credits: 3
- ENG 4060 - Professional Writing Career Development. Credits: 1
  (See footnote 1)
- ENG 4275 - Internship in Professional Writing. Credits: 4
  (See footnote 2)
- ENG 4760 - Studies in Professional Writing. Credits: 3
  (See footnote 3)
- ENG 4765 - Professional Editing. Credits: 3
  (See footnote 4)

And 6 Elective Hours Chosen From

- AET 1363 - Graphic Communication Technologies. Credits: 3
- AET 4813 - Advanced Digital Media Technologies. Credits: 3
- CMN 2030 - Applied Communication. Credits: 3
- CMN 2650 - Introduction to Organizational Communication. Credits: 3
- CMN 3950 - Conferences and Event Planning. Credits: 3
- 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
  (See footnote 3)
- JOU 2101 - News Writing. Credits: 3
- JOU 2901 - Introduction to Copy Editing. Credits: 3
- JOU 3000 - Advanced Reporting and Research. Credits: 3
- JOU 3102 - Feature Writing. Credits: 3
- 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 4771 - Communication Law. Credits: 3
- MGT 3830 - Managerial Communications. Credits: 3

Footnotes:

[1] Prerequisite: 9 semester hours in professional writing courses.
[2] Prerequisite: ENG 2760 or 3005, and permission of instructor, and may be repeated once.
[3] Can be repeated as elective with change of topic.[4] Prerequisite: ENG 2760, 3005, or 4760

Department of Foreign Languages

Department Faculty

Stephen Canfield, *Chairperson*

Amaya, C.; Bulver, K.; Coromina, I.; Crome, R.; Eydt-Beebe, C.; Faulkner, R.; French, S.; Garrett, M.; Landrus, V.; Pavao Braga de Sousa, O.; Routt, K.; Zarate, M.

Department Telephone: 217.581.3021

Foreign Languages (B.A.)

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)(See footnote 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)

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

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 that 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 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 used toward graduation, regardless of where they are taken. This includes general education, professional education, major and minor course, all university required courses, and electives. Students must 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 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 4275A and 4275B, 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

Department of History

Department Faculty

Anita Shelton, *Chairperson*

Barnhart, T.; Beck, R.; Coit, J.; Curry, L.; Deustua-Carvallo, J.; Elder, S.; Foy, C.; Hardeman, M.; Kammerling, J.; Key, N.; Lee, J.; Mann, B.; Miller, P.; Patterson, L.; Reid, D.; Riccio, R.; Shirley, M.; Small, N.P.; Smith, D.; Titus, C.; Voss-Hubbard, M.; Wehrle, E.; Young, B.

Department Telephone: 217.581.3310

History (B.A.)

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 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

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.

History with International Studies (B.A.)

This option requires 57 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 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

3 Semester Hours From:

- HIS 3250 - African History from 1400. 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 3100 - Global Threats and Problems. Credits: 3 (Cross-listed with CSC/ECN/GEG/SOC 3100)
- 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 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

3 Semester Hours From:

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

History with Teacher Certification Option (B.A.)

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 higher in all courses which apply to the major and must maintain a major grade point average of 3.0 or higher and a cumulative grade point average of 2.75 or higher to complete the program. 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 & 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 used toward graduation, regardless of where they are taken. This includes general education, professional education, major and minor course, all university required courses, and electives. Students must 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 coursework, and maintain a minimum cumulative GPA of 2.75 and major GPA of 3.00, 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
- 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 1838G - 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, and 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 12 semester hours with a 3.50 GPA:

- HIS 5000-5499 Graduate Seminar. Credits: 3
- HIS 44441 - Honors Independent Study I. Credits: 3
  or HIS 44442
- HIS 45551 - Honors Research I. Credits: 3
  or HIS 45552
  or HIS 4666 depending upon departmental scheduling
- HIS 46441 - Honors Thesis I. Credits: 3
  or HIS 46442

History Minor

Total Hours: 18

- 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

Department of Journalism

Department Faculty

James Tidwell, *Chairperson*

Burnham, L.; Collins, J; Gisondi, J.; Hagen, D.; Hyder, L.; Johnson, T.; Kim, E.; Lawhead, D.; Murley, B.; Poulter, B.; Renaud, S; Ryan, J.; Viall, E.

Department Telephone: 217.581.6003

Journalism (B.A.)

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 HIS 3940 and 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.*

Core: 27 or 28 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 3002 - Introduction to Multimedia Journalism. Credits: 3
- JOU 3401 - Journalism Practicum. Credits: 1
  (See above *)
- 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
  (Required in the Public Relations Concentration)
- 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 4001 - Media Management. Credits: 3

Electives - Total Hours: 12

Students may choose a maximum of 12 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 (required)
- 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,** DENNews.com, **Fresh,** the **Warbler** yearbook, **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, Mid-America Press Institute, 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

Choose Nine Hours from the Following:

- JOU 3610 - Broadcast News. Credits: 3
- JOU 3620 - Advanced Broadcast News. Credits: 3
- JOU 3705 - Public Relations Writing Credits: 3
- JOU 3706 - Sports Writing Credits: 3
- JOU 3800 - Advanced Editing Credits: 3
- JOU 3955 - Reporting on the Arts. Credits: 3
- JOU 4770 - News Media Opinion Writing and Editing. Credits: 3

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 3300 - Publication Design. Credits: 3
- JOU 3800 - Advanced Editing Credits: 3

Choose Six Hours from the Following:

- JOU 3001 - Photojournalism. Credits: 3
- JOU 3703 - Online Journalism. Credits: 3
- JOU 4001 - Media Management. Credits: 3
- JOU 4760 - Advanced Publication Design. Credits: 3
- JOU 4770 - News Media Opinion Writing and Editing. Credits: 3

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 3300 - Publication Design. Credits: 3
- JOU 4760 - Advanced Publication Design. Credits: 3

Choose Three Hours from the Following:

- JOU 3703 - Online Journalism. Credits: 3
- JOU 3800 - Advanced Editing Credits: 3
- JOU 4751 - Advanced Photojournalism. Credits: 3

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 3703 - Online Journalism. Credits: 3
- JOU 4751 - Advanced Photojournalism. Credits: 3

Choose Three Hours from the Following:

- JOU 3300 - Publication Design. Credits: 3

- JOU 4761 - Advanced New Media Design. Credits: 3
- JOU 4762 - Interactive Reporting and Design. Credits: 3

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 3703 - Online Journalism. Credits: 3
- 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 3300 - Publication Design. Credits: 3

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.
Students pursuing a Public Relations Concentration must take JOU 3920 as their Media and Society course in the Journalism Core.

- JOU 3300 - Publication Design. 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

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 - Field Production. Credits: 3
- JOU 3610 - Broadcast News. Credits: 3
- JOU 3620 - Advanced Broadcast News. Credits: 3

Choose Six Hours from the Following:

- JOU 3001 - Photojournalism. Credits: 3
- JOU 3703 - Online Journalism. Credits: 3
- JOU 3706 - Sports Writing Credits: 3
- JOU 4275 - Journalism Internship. Credits: 1 to 3
- JOU 4761 - Advanced New Media Design. Credits: 3
- JOU 4762 - Interactive Reporting and Design. Credits: 3

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: 24 or 25

- 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 3002 - Introduction to Multimedia Journalism. 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

Department of Music

(B. Music)

Information for Incoming Students

Information on audition dates and requirements is available at the Department of Music Website (www.eiu.edu/music) or by calling the office at 217/581-3010. All entering freshmen and transfer students planning to major in music must pass an audition before enrolling. Prospective composition students must also provide scores and/or recordings of original compositions. Students who are pursuing the music education option are also required to complete an interview with a music education faculty member. Students who wish to transfer credit in music theory, aural training, music history, applied studies, and piano are required to take placement examinations in these subjects.

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:

Degree Program	Credit Hours per Semester	Lesson Time per Week	Practice per Day
Teacher Certification Option	1	50 min	1-2 hours
Performance Option	2 or 4	50 min	2-4 hours

Introductory Applied Study: The study of any instrument or voice in addition to the student's primary instrument or voice may occur in any option or concentration for one credit hour per semester with prior consent of the instructor. Non-music majors wishing to enroll in Introductory Applied Study are required to audition for the performance faculty in their area of interest. Auditions are held

during the registration period before classes begin. Weekly lessons at this level are twenty-five minutes in length, and students are expected to practice twenty-five minutes per day.

Juries
The performance faculty in each area evaluates student progress in applied study each semester.

Advanced Study Jury: The advanced study jury normally occurs at the end of the fourth semester of applied study and must be passed by the end of the sixth semester, or its equivalent. Students must pass this jury in order to enroll in Advanced Applied Study. Music education majors with a vocal or instrumental concentration are required to have at least two credits of Advanced Applied Study prior to graduation; students with a general music concentration must achieve junior standing, but are not required to have upper-division credit in applied study.

Jazz Studies Juries: Students with a concentration in jazz studies are required to pass an advanced study jury in jazz studies in addition to the standard advanced study jury. After passing the advanced study jury, students must perform the standard jury and a jazz studies jury each semester in residence.

Junior Standing
In order to achieve junior standing as a music major, all students must pass the advanced study jury on their primary instrument or voice and complete Music Theory IV (MUS 2542) and Aural Skills IV (MUS 2544) with a "C" or better. Students must achieve junior standing in order to register for MUS 4100 - Senior Recital (Teacher Certification Option) or MUS 4101 - Senior Recital (Performance Option).

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

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 fifteen-minute Sophomore Recital (MUS 2101) and, after achieving junior standing, a twenty-five minute Junior Recital (MUS 3101), and a fifty-minute Senior Recital (MUS 4101). Students with a concentration in jazz studies are required to present an additional twenty-five 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 students should perform all music on the sophomore and junior recitals, and each of these recitals should include at least one original work. All of the music on the senior recital should be original work, with the student performing at least one piece.

Option in Music with Teacher Certification: After achieving junior standing, music education majors are required to perform a fifteen-minute Junior Recital (MUS 3100) and a twenty-five minute Senior Recital (MUS 4100). Students in the general music concentration must achieve junior standing in their primary applied area of study with Junior and Senior Recitals being optional.

Liability Notice
In the event that students choose to store their personal 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.

Department Faculty

Jerry Daniels, *Chairperson*

Borah, B.; Cheetham, A.; Coles, M.; Conrad, K.; Cromwell, A.; Daniels, J.; Decker, B.; Eckert, S.; Fagaly, S.; Florea, L.; French, T; Hesse, S.; Jakubiec, A.; Jensen, G.; Johnson, R.; Johnston, P.; Killen, S.; Larson, D.; McBain, J.; McBain, K.; Neal, A.; Poulter, P.; Robertson, J.; Rossi, R.; Rubel, M.; Ryan, J; Ryan, K.; Schuette, R.; Smith, M.; Teicher, S.; Yu, Ka-Wai.

Department Telephone: 217.581.3010

Music with Performance Option (B.Music)

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:

Music Theory Courses (21 credit hours)

- 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

And 3 credit hours from:

- 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

And at least 2 credit hours selected from the following electives:

- MUS 1560 - Introduction to Music Composition. Credits: 2
- MUS 1570A - Intermediate Composition I. Credits: 1,2, or 4
- MUS 1570B - Intermediate Composition II. Credits: 1, 2, or 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
  (Not a permitted theory elective for students in the Performance Option: Instrumental Concentration)
- MUS 3570A - Advanced Composition I. Credits: 1, 2, or 4
- MUS 3570B - Advanced Composition II. Credits: 1, 2, or 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
- MUS 4850 - Jazz Band Arranging. Credits: 2

- MUS 4980A - Workshop in Music I. Credits: 1 to 3
- MUS 4980B - Workshop in Music II. Credits: 1 to 3

Music History Courses (9 credit hours)

- MUS 3584 - History and Literature of Music I. Credits: 3
  or
- MUS 3594 - History and Literature of Music I, Honors. Credits: 3
  and
- MUS 3585 - History and Literature of Music II. Credits: 3
  or
- MUS 3595 - History and Literature of Music II, Honors. Credits: 3
  and
- MUS 3586 - History and Literature of Music III. Credits: 3
  or
- MUS 3596 - History and Literature of Music III, Honors. Credits: 3

Additional Music Courses (6 credit hours)

- MUS 1070 - Introduction to Music Technology. Credits: 2
- MUS 2155 - Conducting I. Credits: 2

And 2 credit hours from the following keyboard courses:

- 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 (Audit Only)

- 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 (28 credit hours)
All majors must enroll in Intermediate Applied Study. By the end of the sixth semester they must pass the Advanced Study Jury. Applied study then continues at the advanced level.

1. Instrumental Concentration

Instrumental Applied Study (28 credit hours)

Ensemble (9 credit hours, taken over 8 semesters)

4 credit hours selected from:

- MUS 0200A - Wind Symphony I. Credits: 1
- MUS 0200B - Wind Symphony II. Credits: 1
- MUS 0200D - Wind Symphony III. Credits: 1
- MUS 0200E - Wind Symphony IV. Credits: 1
- MUS 0201A - Concert Band I. Credits: 1
- MUS 0201B - Concert Band II. Credits: 1
- MUS 0201D - Concert Band III. Credits: 1
- MUS 0201E - Concert Band IV. Credits: 1
- MUS 0211A - Orchestra I. Credits: 1
- MUS 0211B - Orchestra II. Credits: 1
- MUS 0211D - Orchestra III. Credits: 1
- MUS 0211E - Orchestra IV. Credits: 1

1 credit hour selected from:

- MUS 0204A - Chamber Music, Winds I. Credits: 1
- MUS 0204B - Chamber Music, Winds II. Credits: 1
- MUS 0204D - Chamber Music, Winds III. Credits: 1
- MUS 0204E - Chamber Music, Winds IV. Credits: 1
- MUS 0205 - Flute Choir. Credits: 1
- MUS 0207A - Saxophone Quartet I. Credits: 1
- MUS 0207B - Saxophone Quartet II. Credits: 1
- MUS 0207D - Saxophone Quartet III. Credits: 1
- MUS 0207E - Saxophone Quartet IV. Credits: 1
- MUS 0215A - Chamber Music, Strings I. Credits: 1
- MUS 0215B - Chamber Music, Strings II. Credits: 1
- MUS 0215D - Chamber Music, Strings III. Credits: 1
- MUS 0215E - Chamber Music, Strings IV. Credits: 1
- MUS 0240A - Percussion Ensemble I. Credits: 1
- MUS 0240B - Percussion Ensemble II. Credits: 1
- MUS 0240D - Percussion Ensemble III. Credits: 1
- MUS 0240E - Percussion Ensemble IV. Credits: 1

4 credit hours selected from:

- MUS 0200A - Wind Symphony I. Credits: 1
- MUS 0200B - Wind Symphony II. Credits: 1
- MUS 0200D - Wind Symphony III. Credits: 1
- MUS 0200E - Wind Symphony IV. Credits: 1
- MUS 0211A - Orchestra I. Credits: 1
- MUS 0211B - Orchestra II. Credits: 1
- MUS 0211D - Orchestra III. Credits: 1
- MUS 0211E - Orchestra IV. Credits: 1

Additional Course Work (10 credit hours)

- Music Electives. Credits: 3
- Electives. Credits: 2
- MUS 3156 - Instrumental Conducting and Literature. Credits: 1
- MUS 3547 - Orchestration. Credits: 2

And at least 2 hours from:

- MUS 4600A - Independent Study I. Credits: 1 to 3
- MUS 4600B - Independent Study II. Credits: 1 to 3
- MUS 4600D - Independent Study III. Credits: 1 to 3
  (2 hours of Independent Study covering instrumental literature & pedagogy are required.)

2. Keyboard Concentration

Keyboard Applied Study (28 credit hours)

Ensemble (8 credit hours, taken over 8 semesters)

Selected from:

- MUS 0200A - Wind Symphony I. Credits: 1
- MUS 0200B - Wind Symphony II. Credits: 1
- MUS 0200D - Wind Symphony III. Credits: 1
- MUS 0200E - Wind Symphony IV. Credits: 1
- MUS 0201A - Concert Band I. Credits: 1
- MUS 0201B - Concert Band II. Credits: 1
- MUS 0201D - Concert Band III. Credits: 1
- MUS 0201E - Concert Band IV. Credits: 1
- MUS 0211A - Orchestra I. Credits: 1
- MUS 0211B - Orchestra II. Credits: 1

- MUS 0211D - Orchestra III. Credits: 1
- MUS 0211E - Orchestra IV. Credits: 1
- MUS 0230A - Concert Choir I. Credits: 1
- MUS 0230B - Concert Choir II. Credits: 1
- MUS 0230D - Concert Choir III. Credits: 1
- MUS 0230E - Concert Choir IV. Credits: 1
- MUS 0231A - University Mixed Chorus I. Credits: 1
- MUS 0231B - University Mixed Chorus II. Credits: 1
- MUS 0231D - University Mixed Chorus III. Credits: 1
- MUS 0231E - University Mixed Chorus IV. Credits: 1

Additional Course Work (14 credit hours)

- Music Electives. Credits: 3
- MUS 0260 - Keyboard Chamber Music. Credits: 1
- MUS 4920 - Keyboard Literature. Credits: 3
  (twice)
- MUS 4950 - Accompanying. Credits: 1
  and
- MUS 3155 - Choral Conducting and Literature. Credits: 1
  or
- MUS 3156 - Instrumental Conducting and Literature. Credits: 1

And at least 2 hours from:

- MUS 4600A - Independent Study I. Credits: 1 to 3
- MUS 4600B - Independent Study II. Credits: 1 to 3
- MUS 4600D - Independent Study III. Credits: 1 to 3
  (2 hours of Independent Study covering keyboard pedagogy are required.)

3. Vocal Concentration

Vocal Applied Study (28 credit hours)

Ensemble (8 credit hours, taken over 8 semesters)

Selected from:

- MUS 0230A - Concert Choir I. Credits: 1
- MUS 0230B - Concert Choir II. Credits: 1
- MUS 0230D - Concert Choir III. Credits: 1
- MUS 0230E - Concert Choir IV. Credits: 1
- MUS 0231A - University Mixed Chorus I. Credits: 1
- MUS 0231B - University Mixed Chorus II. Credits: 1
- MUS 0231D - University Mixed Chorus III. Credits: 1
- MUS 0231E - University Mixed Chorus IV. Credits: 1

Additional Course Work (15 credit hours)

- Foreign Language (eight credit hours 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

And at least 2 hours from:

- MUS 4600A - Independent Study I. Credits: 1 to 3
- MUS 4600B - Independent Study II. Credits: 1 to 3
- MUS 4600D - Independent Study III. Credits: 1 to 3
  (2 hours of Independent Study covering vocal pedagogy are required.)

4. Composition Concentration

Instrumental, Keyboard, or Vocal Applied Study (8 credit hours)

Ensemble (8 credit hours, taken over 8 semesters)

Selected from:

- MUS 0200A - Wind Symphony I. Credits: 1
- MUS 0200B - Wind Symphony II. Credits: 1
- MUS 0200D - Wind Symphony III. Credits: 1
- MUS 0200E - Wind Symphony IV. Credits: 1
- MUS 0201A - Concert Band I. Credits: 1
- MUS 0201B - Concert Band II. Credits: 1
- MUS 0201D - Concert Band III. Credits: 1
- MUS 0201E - Concert Band IV. Credits: 1
- MUS 0211A - Orchestra I. Credits: 1
- MUS 0211B - Orchestra II. Credits: 1
- MUS 0211D - Orchestra III. Credits: 1
- MUS 0211E - Orchestra IV. Credits: 1
- MUS 0230A - Concert Choir I. Credits: 1
- MUS 0230B - Concert Choir II. Credits: 1
- MUS 0230D - Concert Choir III. Credits: 1
- MUS 0230E - Concert Choir IV. Credits: 1
- MUS 0231A - University Mixed Chorus I. Credits: 1
- MUS 0231B - University Mixed Chorus II. Credits: 1
- MUS 0231D - University Mixed Chorus III. Credits: 1
- MUS 0231E - University Mixed Chorus IV. Credits: 1

Additional Course Work (34 credit hours)

- Electives. Credits: 4
- MUS 1560 - Introduction to Music Composition. Credits: 2
- MUS 1570A - Intermediate Composition I. Credits: 1,2, or 4
  or
- MUS 1570B - Intermediate Composition II. Credits: 1, 2, or 4
  (5 credit 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
- MUS 3542 - Music Analysis II: Music of the Post-Tonal Period. Credits: 3
- MUS 3547 - Orchestration. Credits: 2
- MUS 3570A - Advanced Composition I. Credits: 1, 2, or 4
  or
- MUS 3570B - Advanced Composition II. Credits: 1, 2, or 4
  (8 credit hours)
- MUS 4541 - Sixteenth Century Counterpoint. Credits: 2
- MUS 4542 - Eighteenth Century Counterpoint. Credits: 2

5. Jazz Studies Concentration

Instrumental or Keyboard Applied Study (22 credit hours)

In addition to 18 credit hours of applied study on their primary instrument, 4 credit hours (2 semesters at 2 credit hours each semester) of MUS 3363A - Jazz Studies I or MUS 3363B - Jazz Studies II are required. For jazz keyboard majors, the applied study

requirement is divided between traditional keyboard and jazz piano. The traditional keyboard requirement is four semesters (8 credit hours) or completion of the sophomore recital requirement. The remaining 14 credit hours of applied study is jazz piano.

Ensemble (8 credit hours, taken over 8 semesters)

Ensemble requirement for brass, woodwind, double bass, and percussionists:

Must include 4 credit hours from:

- MUS 0200A - Wind Symphony I. Credits: 1
- MUS 0200B - Wind Symphony II. Credits: 1
- MUS 0200D - Wind Symphony III. Credits: 1
- MUS 0200E - Wind Symphony IV. Credits: 1
- MUS 0201A - Concert Band I. Credits: 1
- MUS 0201B - Concert Band II. Credits: 1
- MUS 0201D - Concert Band III. Credits: 1
- MUS 0201E - Concert Band IV. Credits: 1
- MUS 0211A - Orchestra I. Credits: 1
- MUS 0211B - Orchestra II. Credits: 1
- MUS 0211D - Orchestra III. Credits: 1
- MUS 0211E - Orchestra IV. Credits: 1

And 4 credit hours from:

- MUS 0220A - Jazz Ensemble I. Credits: 1
- MUS 0220B - Jazz Ensemble II. Credits: 1
- MUS 0220D - Jazz Ensemble III. Credits: 1
- MUS 0220E - Jazz Ensemble IV. Credits: 1
- MUS 0221A - Jazz Lab Band I. Credits: 1
- MUS 0221B - Jazz Lab Band II. Credits: 1
- MUS 0221D - Jazz Lab Band III. Credits: 1
- MUS 0221E - Jazz Lab Band IV. Credits: 1

Ensemble requirement for pianists and guitarists:

Must include 2 credit hours from:

- MUS 0200A - Wind Symphony I. Credits: 1
- MUS 0200B - Wind Symphony II. Credits: 1
- MUS 0200D - Wind Symphony III. Credits: 1
- MUS 0200E - Wind Symphony IV. Credits: 1
- MUS 0201A - Concert Band I. Credits: 1
- MUS 0201B - Concert Band II. Credits: 1
- MUS 0201D - Concert Band III. Credits: 1
- MUS 0201E - Concert Band IV. Credits: 1
- MUS 0211A - Orchestra I. Credits: 1
- MUS 0211B - Orchestra II. Credits: 1
- MUS 0211D - Orchestra III. Credits: 1
- MUS 0211E - Orchestra IV. Credits: 1
- MUS 0230A - Concert Choir I. Credits: 1
- MUS 0230B - Concert Choir II. Credits: 1
- MUS 0230D - Concert Choir III. Credits: 1
- MUS 0230E - Concert Choir IV. Credits: 1
- MUS 0231A - University Mixed Chorus I. Credits: 1
- MUS 0231B - University Mixed Chorus II. Credits: 1
- MUS 0231D - University Mixed Chorus III. Credits: 1
- MUS 0231E - University Mixed Chorus IV. Credits: 1

And 6 credit hours from:

- MUS 0220A - Jazz Ensemble I. Credits: 1
- MUS 0220B - Jazz Ensemble II. Credits: 1
- MUS 0220D - Jazz Ensemble III. Credits: 1
- MUS 0220E - Jazz Ensemble IV. Credits: 1
- MUS 0221A - Jazz Lab Band I. Credits: 1
- MUS 0221B - Jazz Lab Band II. Credits: 1
- MUS 0221D - Jazz Lab Band III. Credits: 1
- MUS 0221E - Jazz Lab Band IV. Credits: 1
- MUS 0222A - Jazz Combo I. Credits: 1
- MUS 0222B - Jazz Combo II. Credits: 1
- MUS 3622A - Advanced Jazz Combo I. Credits: 1
- MUS 3622B - Advanced Jazz Combo II. Credits: 1

Additional Course Work (25 credit hours)

Introductory Applied Study (2 credit hours)
In addition to applied study on their primary instrument, students in the jazz studies concentration are also required to take two semesters of Introductory Applied Study on a secondary instrument. Saxophonists are required to take one semester of clarinet and one semester of flute.

Six credit hours from:

(At least 2 hours from MUS 0222 and 2 hours from MUS 3622 are required)

- MUS 0222A - Jazz Combo I. Credits: 1
  or
- MUS 0222B - Jazz Combo II. Credits: 1

- MUS 3622A - Advanced Jazz Combo I. Credits: 1
  or
- MUS 3622B - Advanced Jazz Combo II. Credits: 1

And the Following Courses:

- MUS 0224 - Jazz Seminar. Credits: Audit only
  (8 semesters required)
- MUS 1530 - Jazz Improvisation I. Credits: 1
- MUS 1560 - Introduction to Music Composition. Credits: 2
- MUS 1570A - Intermediate Composition I. Credits: 1,2, or 4
  or
- MUS 1570B - Intermediate Composition II. Credits: 1, 2, or 4
  (minimum of 1 credit hour required)
- MUS 2071 - Music Technology II: Audio and Recording Techniques. Credits: 3
- 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 3531 - Jazz Improvisation III. Credits: 1
- MUS 3800 - Jazz Theory I. Credits: 1
- MUS 3801 - Jazz Theory II. Credits: 1
- 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 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 3585 - History and Literature of Music II. Credits: 3

- MUS 4920 - Keyboard Literature. Credits: 3
- MUS 4950 - Accompanying. Credits: 1

Music with Teacher Certification Option (B.Music)

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. 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 courses used toward graduation, regardless of where they are taken. This includes general education, professional education, major and minor course, all university required courses, and electives. Students must 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

Music Theory (21 Credit Hours)

- 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
  and
- 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 credit hours from the following electives:

- MUS 1560 - Introduction to Music Composition. Credits: 2
- MUS 1570A - Intermediate Composition I. Credits: 1, 2, or 4
- MUS 1570B - Intermediate Composition II. Credits: 1, 2, or 4
- MUS 3547 - Orchestration. Credits: 2
- 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
- MUS 4850 - Jazz Band Arranging. Credits: 2

Music History (9 credit hours)

- 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

Conducting (3 credit hours)

- MUS 2155 - Conducting I. Credits: 2
- MUS 3155 - Choral Conducting and Literature. Credits: 1
  or
- MUS 3156 - Instrumental Conducting and Literature. Credits: 1

Keyboard Skills (2 credit hours)

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

Applied Study (7 credit hours)

(taken over seven semesters)
All majors must enroll in Intermediate Applied Study. By the end of the sixth semester they must pass the Advanced Study Jury. Applied study then continues at the advanced level.

Technology (2 credit hours)

- MUS 1070 - Introduction to Music Technology. Credits: 2

Music Electives (2 credit hours)

Professional Education Core (30 credit hours)

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
- 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 credit hours)

Seven semester hours over seven semesters selected from:

- MUS 0200A - Wind Symphony I. Credits: 1
- MUS 0200B - Wind Symphony II. Credits: 1
- MUS 0200D - Wind Symphony III. Credits: 1
- MUS 0200E - Wind Symphony IV. Credits: 1

- MUS 0201A - Concert Band I. Credits: 1
- MUS 0201B - Concert Band II. Credits: 1
- MUS 0201D - Concert Band III. Credits: 1
- MUS 0201E - Concert Band IV. Credits: 1
- MUS 0202A - Panther Marching Band I. Credits: 1
- MUS 0202B - Panther Marching Band II. Credits: 1
- MUS 0211A - Orchestra I. Credits: 1
- MUS 0211B - Orchestra II. Credits: 1
- MUS 0211D - Orchestra III. Credits: 1
- MUS 0211E - Orchestra IV. Credits: 1

1 credit hour from:

- MUS 0230A - Concert Choir I. Credits: 1
- MUS 0230B - Concert Choir II. Credits: 1
- MUS 0230D - Concert Choir III. Credits: 1
- MUS 0230E - Concert Choir IV. Credits: 1
  OR
- MUS 0231A - University Mixed Chorus I. Credits: 1
- MUS 0231B - University Mixed Chorus II. Credits: 1
- MUS 0231D - University Mixed Chorus III. Credits: 1
- MUS 0231E - University Mixed Chorus IV. Credits: 1

Additional Course Work (13 credit hours)

- MUS 1300 - Instrumental Methods Lab. 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 3400 - Methods and Materials of Teaching Instrumental Music Credits: 4
- MUS 3860 - Marching Band and Jazz Band Techniques. Credits: 2
- MUS 4100 - Senior Recital: Teacher Certification Option. Credits: Audit only
- MUS 4840 - Band Arranging. Credits: 2

2. Vocal Concentration

Ensemble (7 credit hours)

Seven credit hours over seven semesters from:

- MUS 0230A - Concert Choir I. Credits: 1
- MUS 0230B - Concert Choir II. Credits: 1
- MUS 0230D - Concert Choir III. Credits: 1
- MUS 0230E - Concert Choir IV. Credits: 1
- MUS 0231A - University Mixed Chorus I. Credits: 1
- MUS 0231B - University Mixed Chorus II. Credits: 1
- MUS 0231D - University Mixed Chorus III. Credits: 1
- MUS 0231E - University Mixed Chorus IV. Credits: 1

Additional Course Work (10 credit hours)

- 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 3440 - Methods and Materials of Vocal and General Music. Credits: 4
- MUS 4100 - Senior Recital: Teacher Certification Option. Credits: Audit only
- MUS 4750 - Choral Arranging. Credits: 2

3. General Music Concentration

(Three credit hours of the required seven applied credits must be in Intermediate Applied Voice.)

Ensemble (7 credit hours)

Seven credit hours over seven semesters

Must include four credit hours from:

- MUS 0230A - Concert Choir I. Credits: 1
- MUS 0230B - Concert Choir II. Credits: 1
- MUS 0230D - Concert Choir III. Credits: 1
- MUS 0230E - Concert Choir IV. Credits: 1
- MUS 0231A - University Mixed Chorus I. Credits: 1
- MUS 0231B - University Mixed Chorus II. Credits: 1
- MUS 0231D - University Mixed Chorus III. Credits: 1
- MUS 0231E - University Mixed Chorus IV. Credits: 1

Remaining hours from:

- MUS 0200A - Wind Symphony I. Credits: 1
- MUS 0200B - Wind Symphony II. Credits: 1
- MUS 0200D - Wind Symphony III. Credits: 1
- MUS 0200E - Wind Symphony IV. Credits: 1
- MUS 0201A - Concert Band I. Credits: 1
- MUS 0201B - Concert Band II. Credits: 1
- MUS 0201D - Concert Band III. Credits: 1
- MUS 0201E - Concert Band IV. Credits: 1
- MUS 0202A - Panther Marching Band I. Credits: 1
- MUS 0202B - Panther Marching Band II. Credits: 1
- MUS 0211A - Orchestra I. Credits: 1
- MUS 0211B - Orchestra II. Credits: 1
- MUS 0211D - Orchestra III. Credits: 1
- MUS 0211E - Orchestra IV. Credits: 1
- MUS 0230A - Concert Choir I. Credits: 1
- MUS 0230B - Concert Choir II. Credits: 1
- MUS 0230D - Concert Choir III. Credits: 1
- MUS 0230E - Concert Choir IV. Credits: 1
- MUS 0231A - University Mixed Chorus I. Credits: 1
- MUS 0231B - University Mixed Chorus II. Credits: 1
- MUS 0231D - University Mixed Chorus III. Credits: 1
- MUS 0231E - University Mixed Chorus IV. Credits: 1

Additional Course Work (14 credit hours)

- MUS 2442 - Introduction to Instrumental Music Methods. Credits: 2
- MUS 3440 - Methods and Materials of Vocal and General Music. Credits: 4
- MUS 4750 - Choral Arranging. Credits: 2
  OR
- MUS 4840 - Band Arranging. Credits: 2

and 6 credit hours from:

- ART 2330G - Art Appreciation. Credits: 3
- ELE 2321 - Child Growth and Development. Credits: 3
- ENG 3405 - Children's Literature. Credits: 3

- KSS 2900G - International Expression for Dance. Credits: 3
- THA 3431 - Children's Theatre Tour. Credits: 3
- THA 3432 - Creative Dramatics for the Classroom Teacher. Credits: 3

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

Students in the Music Honors Program must complete at least 12 credit 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 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

A three-credit hour graduate course in music:

A three-credit hour graduate course in music selected with the permission of the Music Honors Coordinator is also 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 (MUS 4644) 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.

Department of Music Electives

History & Theory Electives

- MUS 5100 - Introduction to Research in Music. Credits: 3
- MUS 5170 - Analytical Techniques. Credits: 3
- MUS 1560 - Introduction to Music Composition. Credits: 2
- MUS 2070 - Electronic Music Studio Techniques. Credits: 2
- MUS 2557G - The Evolution of Jazz and 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 4600A - Independent Study I. Credits: 1 to 3
- MUS 4600B - Independent Study II. Credits: 1 to 3
- MUS 4600D - Independent Study III. 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

Performance Electives

- MUS 1530 - Jazz Improvisation I. Credits: 1
- MUS 2530 - Jazz Improvisation II. Credits: 1
- MUS 3531 - Jazz Improvisation III. Credits: 1
- MUS 4600A - Independent Study I. Credits: 1 to 3
- MUS 4600B - Independent Study II. Credits: 1 to 3
- MUS 4600D - Independent Study III. Credits: 1 to 3
- MUS 4950 - Accompanying. Credits: 1
- MUS 4980A - Workshop in Music I. Credits: 1 to 3
- MUS 4980B - Workshop in Music II. Credits: 1 to 3

Conducting Electives

- MUS 3155 - Choral Conducting and Literature. Credits: 1
- MUS 3156 - Instrumental Conducting and Literature. Credits: 1
- MUS 4600A - Independent Study I. Credits: 1 to 3
- MUS 4600B - Independent Study II. Credits: 1 to 3
- MUS 4600D - Independent Study III. 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 3860 - Marching Band and Jazz Band Techniques. Credits: 2
- MUS 4600A - Independent Study I. Credits: 1 to 3
- MUS 4600B - Independent Study II. Credits: 1 to 3
- MUS 4600D - Independent Study III. Credits: 1 to 3

Music Minor

Total Hours: 23

Applied Study (4 credit hours)

Music Theory (9 credit hours)

- MUS 1541 - Music Theory I. Credits: 3
- MUS 1542 - Music Theory II. Credits: 3
- MUS 2541 - Music Theory III. Credits: 3

Music History (3 credit hours)

Choose From:

- 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

Electives in Music* (7 credit hours)

*Must include three credit hours upper-division music courses and can include up to four credit hours in ensembles. (MUS 3553G may not be used to satisfy the Music Minor elective requirement; MUS 3550G or MUS 3562G will fulfill both the Music Minor elective and Fine Arts General Education requirements.)

Jazz Studies Minor

The Jazz Studies minor is open to all students majoring in music. Other EIU students may be accepted after passing an audition demonstrating sufficient performance, theoretical, and keyboard skills.

Total Hours: 23

Applied Study (4 credit hours)

- Appropriate individual applied study courses specific to a student's instrument

Music Theory (6 credit hours)

- MUS 1541 - Music Theory I. Credits: 3
- MUS 1542 - Music Theory II. Credits: 3

Aural Training (1 credit hour)

- MUS 1543 - Aural Training in Music. Credits: 1

Jazz Studies Courses (6 credit hours)

- MUS 1070 - Introduction to Music Technology. Credits: 2
- MUS 1530 - Jazz Improvisation I. Credits: 1
- MUS 2581 - Jazz History. Credits: 2
- MUS 3800 - Jazz Theory I. Credits: 1

Jazz Ensembles (2 credit hours chosen from the following)

- MUS 0220A - Jazz Ensemble I. Credits: 1
- MUS 0220B - Jazz Ensemble II. Credits: 1
- MUS 0220D - Jazz Ensemble III. Credits: 1
- MUS 0220E - Jazz Ensemble IV. Credits: 1
- MUS 0221A - Jazz Lab Band I. Credits: 1
- MUS 0221B - Jazz Lab Band II. Credits: 1
- MUS 0221D - Jazz Lab Band III. Credits: 1
- MUS 0221E - Jazz Lab Band IV. Credits: 1
- MUS 0222A - Jazz Combo I. Credits: 1
- MUS 0222B - Jazz Combo II. Credits: 1

Electives (4 additional credit hours chosen from the following)

- MUS 0220A - Jazz Ensemble I. Credits: 1 (See Footnote *)
- MUS 0220B - Jazz Ensemble II. Credits: 1 (See Footnote *)
- MUS 0220D - Jazz Ensemble III. Credits: 1 (See Footnote *)
- MUS 0220E - Jazz Ensemble IV. Credits: 1 (See Footnote *)
- MUS 0221A - Jazz Lab Band I. Credits: 1 (See Footnote *)
- MUS 0221B - Jazz Lab Band II. Credits: 1 (See Footnote *)
- MUS 0221D - Jazz Lab Band III. Credits: 1 (See Footnote *)
- MUS 0222A - Jazz Combo I. Credits: 1 (See Footnote *)
- MUS 0222B - Jazz Combo II. Credits: 1 (See Footnote *)
- MUS 3531 - Jazz Improvisation III. Credits: 1
- MUS 3801 - Jazz Theory II. Credits: 1
- MUS 4850 - Jazz Band Arranging. Credits: 2
- MUS 4861 - Jazz Pedagogy. Credits: 2

Footnotes:

*Note: No more than 2 credit hours chosen from MUS 0220, MUS 0221, or MUS 0222 may count toward the required electives.

Department of Philosophy

Department Faculty

Jonelle M. DePetro, *Chairperson*

Aylesworth, G.; Beakley, B.; Britton, T.; DePetro, J.; Lee, Y.S.; Sterling, G.; Waller, J.

Department Telephone: 217.581.3012

Philosophy (B.A.)

Major

TOTAL: 39 Semester Hours

Philosophy Core -- 18 hours

- PHI 1900G - Logical and Critical Reasoning. Credits: 3
- PHI 2000 - Ancient Philosophy. Credits: 3
- PHI 3260 - Modern Philosophy. Credits: 3
- PHI 3900 - Symbolic Logic. Credits: 3
- PHI 4480 - Seminar. Credits: 3

And any one of the following General Education courses in Philosophy or Religious Studies. Credits: 3

- PHI 1000G - Introduction to Philosophy. Credits: 3
- PHI 1090G - Introduction to Philosophy, 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
- RLS 1200G - Introduction to Religious Studies. Credits: 3
- RLS 1290G - Introduction to Religious Studies, Honors. Credits: 3 (Honors)

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

Electives in Philosophy and/or Religious Studies – 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.

Department of Theatre Arts

Department Faculty

Jean Wolski, *Interim Chairperson*

Eisenhour, K.; Mitchell, C.; Passig, J; Shaw, N.; Tangeman, J.; Wolski, D.; Wolski, J.; Yarbrough, M.

Department Telephone: 217.581. 3121

Theatre Arts (B.A.)

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: 11

- 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
- THA 3445 - Directing. Credits: 3

Technical & Design Courses

Total Semester Hours: 14

- 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
  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 30001 - Hands-On Theatre: Advanced Performance I. Credits: 1
- THA 30002 - Hands-On Theatre: Advanced Performance II. Credits: 1
- THA 30003 - Hands-On Theatre: Advanced Performance III. Credits: 1
- THA 30004 - Hands-On Theatre: Advanced Performance IV. Credits: 1

- THA 30011 - Hands-On Theatre: Advanced Costuming I. Credits: 1
- THA 30012 - Hands-On Theatre: Advanced Costuming II. Credits: 1
- THA 30013 - Hands-On Theatre: Advanced Costuming III. Credits: 1
- THA 30014 - Hands-On Theatre: Advanced Costuming IV. Credits: 1
- THA 30021 - Hands-On Theatre: Advanced Scenic/Lighting I. Credits: 1
- THA 30022 - Hands-On Theatre: Advanced Scenic/Lighting II. Credits: 1
- THA 30023 - Hands-On Theatre: Advanced Scenic/Lighting III. Credits: 1
- THA 30024 - Hands-On Theatre: Advanced Scenic/Lighting IV. Credits: 1

History & Literature Courses

Total Semester Hours: 12

- THA 2258 - Script Analysis. Credits: 3
- THA 3751G - Theatre History I. Credits: 3
- THA 3752G - Theatre History II. Credits: 3
- THA 3756 - Twentieth Century Theatre. Credits: 3

Professional Preparation Courses

Total Semester Hours: 2

- THA 2220 - Theatre Seminar I. Credits: 1
- THA 3220 - Theatre Seminar II. Credits: 1

Elective:

Total Semester Hours: 3
Any course chosen in consultation with advisor, with the exception of THA 2140G and THA 2010G.

One of the Following Emphases:

Performance Emphasis

Total Semester Hours: 12

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 33451 - Topics in Acting I. Credits: 3
- THA 33452 - Topics in Acting II. Credits: 3
- THA 33453 - Topics in Acting III. Credits: 3
- THA 3346 - Dialects. Credits: 3
- THA 33471 - Topics in Theatre Movement I Credits: 3
- THA 33472 - Topics in Theatre Movement II. Credits: 3
- THA 33473 - Topics in Theatre Movement III. Credits: 3
- THA 3348 - Auditioning. Credits: 3
- THA 3431 - Children's Theatre Tour. Credits: 3
- THA 4400 - Advanced Directing Studies. Credits: 3
- THA 4810 - Summer Theatre: Performance II. Credits: 3 to 6

Technical & Design Emphasis

Total Semester Hours: 12

Technical & Design Electives

Total Semester Hours: 9

- THA 3257 - Graphics II: Introduction to CAD FOR THE THEATRE. Credits: 3
- THA 3357 - Scene Design. Credits: 3
- THA 3358 - Design and History of Costume. Credits: 3
- THA 3360 - Stage Lighting. Credits: 3
- THA 33611 - Theatre Production Topics I. Credits: 3
- THA 33612 - Theatre Production Topics II. Credits: 3
- THA 33613 - Theatre Production Topics III. Credits: 3
- THA 3434 - Basic Theatrical Design. Credits: 3
- THA 45501 - Advanced Design Studies I. Credits: 3
- THA 45502 - Advanced Design Studies II. Credits: 3
- THA 45503 - Advanced Design Studies III. 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 33451 - Topics in Acting I. Credits: 3
- THA 33452 - Topics in Acting II. Credits: 3
- THA 33453 - Topics in Acting III. Credits: 3
- THA 3346 - Dialects. Credits: 3
- THA 33471 - Topics in Theatre Movement I Credits: 3
- THA 33472 - Topics in Theatre Movement II. Credits: 3
- THA 33473 - Topics in Theatre Movement III. Credits: 3
- THA 3348 - Auditioning. Credits: 3
- THA 3431 - Children's Theatre Tour. Credits: 3
- THA 4400 - Advanced Directing Studies. Credits: 3
- THA 4810 - Summer Theatre: Performance II. Credits: 3 to 6

Directing Emphasis

Total Semester Hours: 12

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 33451 - Topics in Acting I. Credits: 3
- THA 33452 - Topics in Acting II. Credits: 3
- THA 33453 - Topics in Acting III. Credits: 3
- THA 3346 - Dialects. Credits: 3

- THA 33471 - Topics in Theatre Movement I Credits: 3
- THA 33472 - Topics in Theatre Movement II. Credits: 3
- THA 33473 - Topics in Theatre Movement III. 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

Directing Required Course

Total Semester Hours: 3

- THA 4400 - Advanced Directing Studies. Credits: 3

Directing Electives

Total Semester Hours: 3

- THA 2012G - Non-Western Theatre. Credits: 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

Generalist in Theatre Arts

Total Semester Hours: 12

Technical and 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 33451 - Topics in Acting I. Credits: 3
- THA 33452 - Topics in Acting II. Credits: 3
- THA 33453 - Topics in Acting III. Credits: 3
- THA 3346 - Dialects. Credits: 3
- THA 33471 - Topics in Theatre Movement I Credits: 3
- THA 33472 - Topics in Theatre Movement II. Credits: 3
- THA 33473 - Topics in Theatre Movement III. Credits: 3
- THA 3348 - Auditioning. Credits: 3
- THA 3431 - Children's Theatre Tour. Credits: 3
- THA 4400 - Advanced Directing Studies. Credits: 3
- THA 4810 - Summer Theatre: Performance II. Credits: 3 to 6

History & Literature Electives

Total Semester Hours: 3

- THA 2012G - Non-Western Theatre. Credits: 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

Additional Electives

Total Semester Hours: 3
Any Theatre Arts course with the exception of 2140G or 2010G.

Theatre Arts for Teacher Certification Option (B.A.)

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 that 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 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 used toward graduation, regardless of where they are taken. This includes general education, professional education, major and minor course, all university required courses, and electives. Students must 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
- THA 3445 - Directing. Credits: 3

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
  (See footnote *)
- THA 2211 - Stagecraft. Credits: 3
  (See footnote *)
- THA 2257 - Graphics for the Performing Arts. Credits: 3
- THA 3434 - Basic Theatrical Design. Credits: 3

History & Literature Courses

- THA 2258 - Script Analysis. 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 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 -- 9 Semester Hours

- THA 1133 - Oral Interpretation. Credits: 3
- THA 1144 - Acting for Non-Majors. Credits: 3
  or
- THA 2244 - Basic Acting. Credits: 3
- THA 3333 - Advanced Oral Interpretation. 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 Courses -- 6 Semester Hours

- THA 2258 - Script Analysis. Credits: 3
- THA 3751G - Theatre History I. Credits: 3
  or
- THA 3752G - Theatre History II. Credits: 3

Theatre Arts Electives -- 3 Semester Hours

Any Theatre Arts course with the exception of 2140G or 2010G.

Theatre Arts Minor For Teacher Certification

Total Semester Hours: 32

Performance Courses -- 9 Semester Hours

- THA 1133 - Oral Interpretation. Credits: 3
- THA 1144 - Acting for Non-Majors. Credits: 3
  or
- THA 2244 - Basic Acting. Credits: 3
- THA 3333 - Advanced Oral Interpretation. 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 Courses -- 6 Semester Hours

- THA 2258 - Script Analysis. 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 Program

Jeannie Ludlow, *Coordinator*

Office Telephone: 217.581.6970

Interdisciplinary Minor in Women's Studies
For information pertaining to this minor, see the link "Women's Studies Minor" in the listing under the header "Interdisciplinary Programs" on the "Majors and Minors" catalog page.

Lumpkin College of Business & Applied Sciences

Mayhar Izadi, *Dean*
Jeanne R. Snyder, *Associate Dean*
Mary Hennig, *Assistant to the Dean*
Diane Ingle, *Assistant to the Dean*
Jacqueline Joines, *Director of Philanthropy*
Lisa Dallas, *Assistant to the Dean for Academic Computing*
Jonathan McKenzie, *Assistant to the Dean*

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, Finance, Management, Management Information Systems, 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 Applied Engineering & Technology major has several concentrations. Students may also choose a major in Organizational and Professional Development 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 Applied Engineering & Technology, Business Administration, Management Information Systems, and Family and Consumer Sciences.

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.)

School of Business

Programs and Policies

The School of Business academic programs are accredited by AACSB International - The Association to Advance Collegiate Schools of Business.

Vision Statement

Where students are inspired and engaged to become successful business professionals.

Mission Statement

Our mission is to:

- Strengthen a culture focused on student learning, critical thinking, and personal discovery;
- Provide collaborative learning experiences that connect students with faculty, business, alumni, and community partners;
- Pursue business research and service activities for faculty that enhance professional development and student learning.

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

Students wishing to pursue a B.S. in Business are classified as pre-business until admitted to the School of Business. Admission to the University does not guarantee admission to the School of Business.

The School of Business offers five minors:

- Minor in Accountancy*
- Minor in Business Administration
- Minor in Entrepreneurship
- Minor in Finance*
- Minor in Management Information Systems

*The minor in Accountancy and minor in Finance are available only to students admitted to the School of Business.

Application Criteria

To apply for admission to the School of Business, a student must:
1. Be admitted to EIU;
2. Be in good academic standing;
3. Submit an application to the School of Business prior to the first day of classes for the semester of desired admission;

4. 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;
5. Have completed at least 60 semester hours by the end of the semester in which the student makes application; and
6. 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

Transfer Students

New transfer students who meet items 4-6 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.

Admission to the School of Business

Students who meet the application criteria will be admitted to the School of Business 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
800-581-2348

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 VI 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 *
- 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.

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. 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 to be readmitted to the School of Business.

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.

Department Faculty

Cheryl Noll, Chairperson
Christie Roszkowski, Associate Chairperson and Undergraduate Coordinator
Christine Ward, Director of Administration
Kathy Schmitz, Director, Student Center for Academic and Professional Development
Lisa Canivez, Academic Advisor
Renee Stroud, Admissions Officer, Academic Advisor, and Internship Coordinator

Akalin, G.; Benner, S.; Boggs, D.; Brown, P.; Chahyadi, C.; Chiou, I.; Coker, K.; Costello, A.; Costello, T.; Davis, S.; Dobbs, M.; Elmuti, D.; Fleming, D.; Flight, R.; Grünhagen, M.; Illia, A.; Jia, H.; King, R.; Kling, S.; Lach, P.; Lee, S.; Lin, C.; Lord, Y.; McGrady, D.; Minnis, W.; Moncada, T.; Newstrom, N.; Noll, C.; Oetting, J.; Riedemann, D.; Roszkowski, C.; Sallehu, S.; Shinde, J.; Smith, D.; Snell, J.; Stevens, S.; Sysko, J.; Wang, R.; Wen, C.; Whitaker, R.; White, L., Willems, J.; Wilson, M.; Wollan, M.; Wootton, C; Zuhone, D.

Department Telephone: 217.581.2627

Accounting (B.S.B)

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 primary mission of the EIU Accountancy Program is to build a better future for our students, transforming their lives through excellence in relationship-driven instruction of accounting principles and practices needed for entry into and success in the accounting profession.Our secondary purposes are to advance accounting knowledge through academic inquiry and research and to perform service activities to benefit the School of Business, the College of Business and Applied Sciences, the University, the accounting profession, and the community.

Admission Requirements

Students who seek to major in accounting must satisfy the requirements for admission to the School of Business. Students with a cumulative GPA of 2.75 or higher at the time they request admission to the accounting program will be admitted to the accounting program provided that they meet all other requirements for admission to the School of Business.

Admission by Exception: A student with a GPA lower than 2.75 may apply for admission to the accounting program 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. 38 semester hours in the business core
3. 27 semester hours in major courses; and
4. 12 semester hours in electives.

Major Courses

- ACC 3200 - Financial Accounting Theory I. Credits: 3 (see footnote *)
- ACC 3250 - Financial Accounting Theory II. Credits: 3 (see footnote *)
- ACC 3300 - Management and Cost Accounting. Credits: 3 (see footnote *)
- ACC 3900 - Accounting Information Systems. Credits: 3 (see footnote *)
- ACC 4400 - Federal Income Taxation I. Credits: 3 (see footnote *)
- ACC 4500 - Advanced Accounting Theory. Credits: 3 (see footnote *)
- ACC 4700 - Auditing and Assurance Services. Credits: 3 (see footnote *)
- ACC 4800 - Federal Income Taxation II. Credits: 3 (see footnote *)

Plus one course selected from the following:

- ACC 3750 - Governmental and Nonprofit Accounting Credits: 3
- ACC 4275 - Internship in Accounting. Credits: 1 to 15 (Only 3 hours will count towards the Accounting major.)

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.

Accountancy Minor

The accountancy minor enables business majors to enhance their ability to analyze and use accounting data. By developing these key skills, students augment their understanding of business and are prepared for more career opportunities. Enrollment in the Accountancy Minor is limited to students who have been admitted to the School of Business; the Accountancy Minor may be awarded only to students who also complete a business major.

Course Requirements:

- ACC 3200 - Financial Accounting Theory I. Credits: 3 (See footnote *)
- ACC 3250 - Financial Accounting Theory II. Credits: 3 (See footnote *)
- ACC 3300 - Management and Cost Accounting. Credits: 3

(See footnote *)

Plus One Course Selected From:

- ACC 3750 - Governmental and Nonprofit Accounting Credits: 3
- ACC 3900 - Accounting Information Systems. Credits: 3
- ACC 4275 - Internship in Accounting. Credits: 1 to 15 (Only 3 hours will count towards the Accountancy Minor)
- ACC 4300 - Advanced Management and Cost Accounting. Credits: 3
- ACC 4400 - Federal Income Taxation I. Credits: 3
- ACC 4500 - Advanced Accounting Theory. Credits: 3
- ACC 4550 - Internal Auditing. Credits: 3
- ACC 4700 - Auditing and Assurance Services. Credits: 3
- ACC 4740 - Independent Study. Credits: 1 to 6 (Only 3 hours will count towards the Accountancy Minor)
- ACC 4800 - Federal Income Taxation II. Credits: 3

Footnote:

*ACC 3200, ACC 3250, and ACC 3300 must be completed in residence. Finance majors who earn an Accountancy Minor may not also use ACC 3200 or ACC 3300 as a major elective.

Business Administration (B.S.B)

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 - Financial Accounting
- ACC 102 - Managerial Accounting
- 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
- ECO 101 - Principles of Economics I
- ECO 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 (24 Semester Hours)

- One upper-division course from each of the following disciplines:
  - Accounting (ACC)
  - Finance (FIN)
  - Management (MGT)
  - Management information systems (MIS)
  - Marketing (MAR)
- Three upper-division courses (nine semester hours) selected from the following, with no more than two courses from any one discipline:
  - Accounting (ACC) courses
  - Finance (FIN) courses
  - Management (MGT) courses
  - Management information systems (MIS) courses
  - Marketing (MAR) courses
  - Organizational and Professional Development (OPD) courses selected from the following:
    - -OPD 4815 – Conflict in Organizations
    - -OPD 4820 – Change Strategies in Organizations
    - -OPD 4825 – Ethical Behavior in Organizations
    - -OPD 4835 – Supervision in Organizations
    - -OPD 4860 – Facilitating Learning and Project Groups
    - -OPD 4880 – Productive Work Teams
  - JOU 3820 – Publicity Methods or JOU 3920 – Public Relations in Society

  Students without significant relevant work experience are encouraged to complete an internship.

Senior Seminar (3 semester hours)

Electives (5-9 semester hours)

Footnote:

Calculation of the major GPA is based on all courses taken through Eastern Illinois University with the prefix BUS or approved as major courses for the BSB in Business Administration Degree.

Finance (B.S.B.)

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 Certified Financial Planner (CFP®) Certification 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:

1. 43 semester hours in general education
2. 38 semester hours in the business core*
3. 27 semester hours in major courses and major electives; and
4. 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
  (See footnote #)
- 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
  (See footnote #)
- FIN 4110 - Special Topics in Finance. Credits: 3
- FIN 4200 - Portfolio Management. Credits: 3
  (See footnote #)
- FIN 4220 - Applied Securities Analysis. Credits: 3
- FIN 4300 - Retirement and Estate Planning. Credits: 3
  (See footnote #)
- FIN 4400 - Financial Analysis and Planning Credits: 3
- FIN 4500 - Financial Planning Case Studies. Credits: 3
  (See footnote #)
- FIN 4820 - International Finance. Credits: 3

Footnotes:

*Finance majors must complete BUS 3710 with a grade of "C" or better

#Students seeking to qualify to sit for the Certified Financial Planner (CFP®) Certification 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.

Finance Minor

The Finance Minor enables business majors to gain more in-depth knowledge of finance and enhance their ability to analyze financial data. The minor prepares business students for more career opportunities. Enrollment in the Finance Minor is limited to students who have been admitted to the School of Business; the Finance Minor may be awarded only to students who also complete a business major.

Course Requirements:

- FIN 3720 - Investments. Credits: 3
  (See footnote *)
- FIN 3730 - Financial Markets: Commodities, Derivatives, and Securities. Credits: 3
  (See footnote *)
- FIN 3780 - Long-Term Financial Management. Credits: 3
  (See footnote *)

Plus One Course Selected From:

- 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 3770 - Working Capital Management. 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 4275 - Internship in Finance. Credits: 1 to 15
  (Only 3 hours will count towards the Finance Minor)
- FIN 4300 - Retirement and Estate Planning. Credits: 3
- FIN 4400 - Financial Analysis and Planning Credits: 3
- FIN 4740 - Independent Study. Credits: 1 to 6
  (Only 3 hours will count towards the Finance Minor)
- FIN 4820 - International Finance. Credits: 3

Footnote:

*FIN 3720, FIN 3730, and FIN 3780 must be completed in residence.

Management (B.S.B.)

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:

1. 43 semester hours in general education
2. 38 semester hours in the business core
3. 27-28 semester hours in major courses; and
4. 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:

Proficiency in a foreign language at the intermediate level demonstrated by:

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

- ENT 3300 - Foundations of Entrepreneurship. Credits: 3
- MGT 3900 - Employment Law. 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 15
- 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 6
- 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, ENT, FIN, MAR, and MIS.

Management Information Systems (B.S.B.)

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:

1. 43 semester hours in general education;
2. 38 semester hours in the business core;
3. 24 semester hours in major courses and
4. 15 semester hours in electives.

Major Courses

MIS majors complete the following MIS core:

- MIS 2000 - Information Systems Careers and Logic Skills. Credits: 3
- MIS 3200 - Networking Fundamentals. Credits: 3
- MIS 3300 - Business Programming in COBOL. Credits: 3
  OR
- MIS 3330 - Java Programming. Credits: 3
  OR
- MIS 4530 - Web Application Development Credits: 3
- MIS 4200 - Systems and Database Analysis, Design, and Development. Credits: 3

Plus four courses (12 credits) selected from MIS Major Electives.

At least three of the courses (9 credits) must have the MIS prefix. A maximum of three credits of MIS 4275 may be applied as an MIS major elective.

MIS Major Electives

- 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 3530 - Business Web Site Design. Credits: 3
- MIS 3725 - Telecommunications Programming with Visual Basic. Credits: 3
- MIS 4275 - Internship in Management Information Systems. Credits: 1 to 15
- MIS 4300 - File Organization with COBOL. Credits: 3
- MIS 4330 - Advanced Java Programming. Credits: 3
- MIS 4530 - Web Application Development Credits: 3
- MIS 4600 - Special Topics in Management Information Systems. Credits: 1 to 3
- MIS 4700 - Advanced Networking. Credits: 3
- MIS 4740 - Independent Study. Credits: 1 to 6
- MIS 4850 - Systems Security. Credits: 3
- AET 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 4850 - Project Management. Credits: 3

Footnotes:

Calculation of the major GPA is based on courses taken at EIU with the prefix BUS and MIS and approved MIS major elective courses with the prefix MGT.

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 minoring in MIS complete a 16 hour core of five courses.

Course Requirements (21 semester hours)

- BUS 1950 - Computer Concepts and Applications for Business. Credits: 3
- MIS 2000 - Information Systems Careers and Logic Skills. Credits: 3
- MIS 3200 - Networking Fundamentals. Credits: 3
- MIS 4200 - Systems and Database Analysis, Design, and Development. Credits: 3

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 Management Information Systems. Credits: 1 to 15
- MIS 4300 - File Organization with COBOL. Credits: 3
- MIS 4330 - Advanced Java Programming. Credits: 3
- MIS 4530 - Web Application Development Credits: 3
- MIS 4600 - Special Topics in Management Information Systems. Credits: 1 to 3
- MIS 4700 - Advanced Networking. Credits: 3
- MIS 4740 - Independent Study. Credits: 1 to 6
- MIS 4850 - Systems Security. Credits: 3

Marketing (B.S.B.)

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:

1. 43 semester hours in general education
2. 38 semester hours in the business core
3. 27 semester hours in major courses; and
4. 12 semester hours in electives

Major Courses

- MAR 3550 - Marketing Professionalism and Management. Credits: 3
- MAR 3720 - Consumer Behavior. Credits: 3
- MAR 3860 - Marketing Research. Credits: 3
- MAR 3875 - Retail Management. Credits: 3
- MAR 4470 - Professional Sales. Credits: 3
- MAR 4700 - Marketing Strategies. Credits: 3

Plus 3 courses (at least 9 hours) selected from the following major electives (at least two must have the MAR prefix):

- CMN 3920 - Public Relations in Society Credits: 3
- ENT 3300 - Foundations of Entrepreneurship. Credits: 3
- JOU 3820 - Publicity Methods. Credits: 3
- JOU 3920 - Public Relations in Society. Credits: 3
- MAR 3490 - Business-to-Business Marketing. Credits: 3
- MAR 3780 - Promotion Management. Credits: 3
- MAR 3970 - Study Abroad. Credits: 1 to 15
- MAR 4100 - Special Topics in Marketing. Credits: 3
- MAR 4275 - Internship in Marketing Credits: 1 to 15
- 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 6
- 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 ENT, JOU, MGT, MIS, or CMN course taken at EIU as a Marketing major elective.

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;
- 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;
- 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.

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
  (see footnote *)
- BUS 3010 - Management and Organizational Behavior. Credits: 3
- BUS 3470 - Principles of Marketing. Credits: 3

Plus 9 Semester Hours Selected From:

- ENT 3300 - Foundations of Entrepreneurship. Credits: 3
- 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 3200 - International Business Credits: 3
- BUS 3500 - Management Information Systems. Credits: 3
- FIN 3720 - Investments. Credits: 3
- FIN 3740 - Real Estate Fundamentals. Credits: 3
- FIN 3750 - Management of Financial Institutions. Credits: 3
- FIN 3770 - Working Capital Management. Credits: 3
- MAR 3720 - Consumer Behavior. Credits: 3
- MAR 3780 - Promotion Management. Credits: 3
- MAR 3875 - Retail Management. Credits: 3
- MAR 4490 - International Marketing. Credits: 3
- MGT 3450 - Human Resource Management. Credits: 3
- MIS 2000 - Information Systems Careers and Logic Skills. Credits: 3
- MIS 3200 - Networking Fundamentals. 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

Footnote:

* Students who have the prerequisites (BUS 2102, ECN 2802G, and junior standing) may substitute BUS 3710 for BUS 2710.

Entrepreneurship Minor

EIU's entrepreneurship minor provides students from across the university the perspectives and the critical tools for exploring the development of new and emerging ventures. Through the program, students learn to recognize new business opportunities, to apply creativity and innovation to develop those opportunities, to identify funding resources, and to develop skills to manage and sustain entrepreneurial ventures. Students learn the fundamental tools to identify and commercialize business opportunities in any type of organization.

Students in the minor complete a four-course core that culminates in the development of a venture plan in the capstone course plus two electives.

Core Requirements (12 semester hours)

- ENT 3300 - Foundations of Entrepreneurship. Credits: 3
- ENT 3500 - Marketing and Innovation for Entrepreneurial Ventures. Credits: 3
- ENT 3700 - Financing for Entrepreneurial Ventures. Credits: 3
- ENT 4500 - Entrepreneurial Management and Venture Plan Development. Credits: 3

AND

Minor Electives (6 semester hours)

Two electives selected from the following:

- XXX 4275 Internship (an internship completed through an appropriate university department)*
- ACC 3400 - Introduction to Income Taxation. Credits: 3
- AET 4243 - Construction Project Management. Credits: 3
- AET 4800 - Management of Innovation and Technology. Credits: 3
  (cross listed with MGT 4800)
- AET 4843 - Statistical Quality Assurance. Credits: 3
- AET 4943 - Manufacturing Management. Credits: 3
- BUS 3500 - Management Information Systems. Credits: 3
- CTE 3000 - Consumers in the Marketplace. Credits: 3
- FCS 3300 - Consumer Education. Credits: 3
- FCS 3740 - Professional Hospitality Meeting Management. Credits: 3
- FCS 3756 - Community Nutrition Credits: 3
- FCS 4320 - Destination Management. Credits: 3
- FCS 4345 - Advanced Lodging Administration. Credits: 3
- FCS 4846 - Aging and the Family. Credits: 3
- FCS 4926 - Public Presentation Techniques. Credits: 3
- FCS 4940 - Food Systems Management. Credits: 3
- FIN 3740 - Real Estate Fundamentals. Credits: 3
- FIN 3900 - Risk and Insurance. Credits: 3
- FLF 3220 - French for Business. Credits: 3
- FLF 3304 - French Civilization. Credits: 3
- FLG 3200 - German Culture and Civilization. Credits: 3
- FLG 3330 - German for Business. Credits: 3
- FLS 3201 - Business Spanish. Credits: 3
- FLS 4310 - Civilization and Culture of Spain. Credits: 3 or FLS 4320
- MAR 3780 - Promotion Management. Credits: 3
- MAR 3875 - Retail Management. Credits: 3
- MAR 4470 - Professional Sales. Credits: 3
- MGT 3450 - Human Resource Management. Credits: 3
- MGT 3830 - Managerial Communications. Credits: 3
- MGT 4330 - Entrepreneurial Law. Credits: 3
- MGT 4800 - Management of Innovation and Technology. Credits: 3
  (cross listed with AET 4800)
- MIS 3505 - Advanced Microcomputer Applications and Development. Credits: 3
- MIS 3515 - Information Presentation. Credits: 3
- MIS 3530 - Business Web Site Design. Credits: 3
- OPD 4860 - Facilitating Learning and Project Groups. Credits: 3
- OPD 4870 - Coaching and Mentoring for Critical Thinking in the Workplace. Credits: 3
- OPD 4880 - Productive Work Teams. Credits: 3

Footnote:

*An internship used as an elective in the Entrepreneurship Minor must be approved in advance by the School of Business Chair upon recommendation of the Entrepreneurship Minor Committee.

Total Semester Hours:

18 Required Coursework: Total Semester Hours: 18

School of Family & 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 and the Accreditation Council for Education in Nutrition and Dietetics (ACEND) Academy of Nutrition and Dietetics.

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
  - Apparel & Textile Concentration (includes a minor in Print & Textile Design Technologies)
  - Consumer Studies Concentration (includes a minor in Business Administration)
  - Hospitality Concentration (includes a minor in Business Administration)
  - Merchandising Concentration (includes a minor in Business Administration)
- 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

Department Faculty

Karla Kennedy-Hagan, *Chairperson*
Vacant, *Assistant Chairperson*
Rose Myers-Bradley, *Academic Advisor*

Baker, M.; Bays, K.; Betz, A.; Brooks, L.; Burns, M.; Campanis, L.; Cobb, D.; Coonce, D.; Corder, C.; Crouse, J.; DiFilippo, K.; Foster, S.; Frank, J.; Franklin, D.; Hart, K.; Honselman, C.; Hubbard, M. L.; Hurt, J.; Kennedy-Hagan, K.; Meadows, M.; Murphy, F.; Namken, S.; Ogle, S.; O'Rourke, K.; Painter, J.; Pudliner, B.; Reifsteck, D.; Rhodes, K.; Robinson, J.; Rodakowski, N.; Shaw, K.; Simpson, L.; Slavik, J.; Smith, L.; Snyder, J; Taylor, L.; Wilkinson, R.; Yousaf, C.

Department Telephone: 217.581.6076

Family & Consumer Sciences: Apparel & Textiles, Consumer Studies, Hospitality, and Merchandising Option (B.S.)

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 1000 - Foundations of Family and Consumer Sciences. Credits: 2
- FCS 2000 - Family Perspectives. Credits: 3
- FCS 2244 - Consumer Textiles: Care and Production. Credits: 3
- FCS 3000 - Family Resource Management. Credits: 3
- FCS 4000 - Professional Focus of Family and Consumer Sciences. Credits: 2
- FCS 4275 - Internship. Credits: 3 to 9

Apparel & Textile Design Concentration

48 semester hours

- AET 4953 - Color Management Technologies. Credits: 3 (See footnote *)
- 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 2232 - Historic Costume and Fashion Analysis. 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 (See footnote *)
- FCS 3300 - Consumer Education. Credits: 3
- FCS 4838 - Pattern Development & Design. Credits: 3 (See footnote *)
- FCS 4926 - Public Presentation Techniques. Credits: 3 (See footnote *)
- PSY 1879G - Introductory Psychology. Credits: 3 (Counted in General Education)

Select 9 semester hours from the following for the concentration:

- FCS 1800 - Life Span Human Development. Credits: 3
- FCS 2250 - Consumer Technology. Credits: 3
- FCS 2270 - Housing. Credits: 3
- FCS 2700 - The Hospitality Industry. Credits: 3
- FCS 3233 - Apparel and Textiles Merchandise Budgeting. 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 3970 - Study Abroad: Faculty-Led. Credits: 1 to 16

Requirements for the Print and Textile Design Technologies Minor

- AET 1363 - Graphic Communication Technologies. Credits: 3 (See footnote *)
- AET 3343 - Digital Media Technologies. Credits: 3 (See footnote *)

Additional 6 hours for the Print & Textile Design Technologies Minor from the following:

- AET 2123 - Digital Photography and Imaging. Credits: 3

- AET 4000 - Undergraduate Research. Credits: 1 to 6 (See Footnote *)
- AET 4353 - Print and Digital Media Production. Credits: 3
- AET 4813 - Advanced Digital Media Technologies. Credits: 3
- AET 4863 - Packaging Technologies. Credits: 3
- FCS 4440 - Undergraduate Research. Credits: 1 to 3 (See Footnote *)

Footnote:

* Courses for the Print & Textile Design Technologies Minor may be double counted for the 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 - Apparel and Textiles Merchandise Budgeting. 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

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 3200 - International Business Credits: 3
- BUS 3500 - Management Information Systems. Credits: 3
- ENT 3300 - Foundations of Entrepreneurship. Credits: 3
- FIN 3720 - Investments. Credits: 3
- FIN 3740 - Real Estate Fundamentals. Credits: 3
- FIN 3750 - Management of Financial Institutions. Credits: 3
- FIN 3770 - Working Capital Management. Credits: 3
- MAR 3720 - Consumer Behavior. Credits: 3
- MAR 3780 - Promotion Management. Credits: 3
- MAR 3875 - Retail Management. Credits: 3
- MAR 4490 - International Marketing. Credits: 3
- MGT 3450 - Human Resource Management. Credits: 3
- MIS 2000 - Information Systems Careers and Logic Skills. Credits: 3
- MIS 3200 - Networking Fundamentals. 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

Hospitality Management Concentration

49 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 2780 - Culinary Pricing and Conversions Credits: 1
- 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 3370 - Ethical Issues in Hospitality Management. Credits: 3
- FCS 3740 - Professional Hospitality Meeting Management. Credits: 3
- FCS 4275 - Internship. Credits: 3 to 9
- FCS 4320 - Destination Management. Credits: 3
- FCS 4340 - Conventions and Trade Shows. Credits: 3
- FCS 4345 - Advanced Lodging Administration. Credits: 3
- FCS 4350 - Dining Room Management. 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 3 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 3200 - International Business Credits: 3
- BUS 3500 - Management Information Systems. Credits: 3
- ENT 3300 - Foundations of Entrepreneurship. Credits: 3
- FIN 3720 - Investments. Credits: 3

- FIN 3740 - Real Estate Fundamentals. Credits: 3
- FIN 3750 - Management of Financial Institutions. Credits: 3
- FIN 3770 - Working Capital Management. Credits: 3
- MAR 3720 - Consumer Behavior. Credits: 3
- MAR 3780 - Promotion Management. Credits: 3
- MAR 3875 - Retail Management. Credits: 3
- MAR 4490 - International Marketing. Credits: 3
- MGT 3450 - Human Resource Management. Credits: 3
- MIS 2000 - Information Systems Careers and Logic Skills. Credits: 3
- MIS 3200 - Networking Fundamentals. 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

Merchandising Concentration

45 semester hours

- ECN 2801G - Principles of Macroeconomics. Credits: 3 (Counted in General Education)
- FCS 2231 - Sociology of Clothing. Credits: 3
- FCS 2232 - Historic Costume and Fashion Analysis. 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 9 semester hours from the following for the concentration:

- AET 4953 - Color Management Technologies. Credits: 3
- FCS 2100 - Nutrition in a Global Society. Credits: 3
- FCS 2250 - Consumer Technology. Credits: 3
- FCS 2270 - Housing. Credits: 3
- FCS 2700 - The Hospitality Industry. Credits: 3
- FCS 3233 - Apparel and Textiles Merchandise Budgeting. Credits: 3
- FCS 4300 - Consumer Issues. Credits: 2
- FCS 4770 - Consumer Decisions in the Marketplace. Credits: 3
- FCS 4838 - Pattern Development & Design. Credits: 3
- STA 3970 - Study Abroad: Faculty-Led. Credits: 1 to 16

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 3200 - International Business Credits: 3
- BUS 3500 - Management Information Systems. Credits: 3
- ENT 3300 - Foundations of Entrepreneurship. Credits: 3
- FIN 3720 - Investments. Credits: 3
- FIN 3740 - Real Estate Fundamentals. Credits: 3
- FIN 3750 - Management of Financial Institutions. Credits: 3
- FIN 3770 - Working Capital Management. Credits: 3
- MAR 3720 - Consumer Behavior. Credits: 3
- MAR 3780 - Promotion Management. Credits: 3
- MAR 3875 - Retail Management. Credits: 3
- MAR 4490 - International Marketing. Credits: 3
- MGT 3450 - Human Resource Management. Credits: 3
- MIS 2000 - Information Systems Careers and Logic Skills. Credits: 3
- MIS 3200 - Networking Fundamentals. 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

Footnotes:

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

Depending on Foreign Language and Math Placement, electives may be needed to meet 120 semester hours.

Family & Consumer Sciences: Dietetics Option (B.S.)

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 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 3000 - Family Resource Management. Credits: 3
- FCS 3120 - Food Science. Credits: 4
- FCS 3755 - Nutrition Across the Lifespan. Credits: 3
- FCS 4000 - Professional Focus of Family and Consumer Sciences. Credits: 2

- 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 1838G - 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.

Family & Consumer Sciences: Family Services Option (B.S.)

FCS in Family Services Requirements

Courses required for the FCS in Family Services Option include:

- FCS 1000 - Foundations of Family and Consumer Sciences. Credits: 2
- FCS 1120 - Food Selection and Preparation. Credits: 3
- FCS 1800 - Life Span Human Development. Credits: 3
- FCS 2000 - Family Perspectives. 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 3000 - Family Resource Management. Credits: 3
- FCS 3300 - Consumer Education. Credits: 3
- FCS 3853 - Practicum in Child Development. Credits: 3
- FCS 4000 - Professional Focus of Family and Consumer Sciences. Credits: 2
- 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 1838G - 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 Sex Education. Credits: 3
- FCS 3820 - The Family in Social Change. Credits: 2
- FCS 4230 - Special Topics in Family and Consumer Sciences. Credits: 1 to 3
  (See footnote *)
- FCS 4235 - International Special Topics in Family and Consumer Sciences. Credits: 1 to 3
  (See footnote *)
- 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(See footnote **)
- FCS 4444 - Honors Independent Study. Credits: 3
- FCS 4555 - Honors Research. Credits: 3
- FCS 4644 - Honors Thesis. Credits: 3
  (See footnote *)

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 above) 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 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 Applied Engineering and Technology is accredited by the Association of Technology, Management, and Applied Engineering, 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:

Applied Engineering and Technology Major:

- Alternative Energy and Sustainability Concentration
- Construction Technical Concentration
- Digital Media Technologies Technical Concentration
- General Concentration
- Integrated Computer Technology Technical Concentration
- Manufacturing Technical Concentration

Career and Technical Education Major:

- Business Education Emphasis
- Family & Consumer Sciences Education Emphasis
- Technology Education Emphasis (concentrations available in Construction, Automation & Control, Graphic Communication, and Manufacturing.)

Organizational and Professional Development Major:

- Training/Development Concentration
- Supervision/Leadership concentration

The School of Technology offers the following minor:

- Minor in Applied Engineering & Technology

Department Faculty

Deborah Woodley, *Chairperson*
Thomas Hawkins, *Assistant Chairperson*
Donna Dawson, *Academic Advisor*

Bai, R.; Barnard, B.; Chadd, J.; Chinchilla R.; Cloward, J.; Drage, K.; Grant, G.; Guccione, S.; Hawkins, T.; Hogan, R. L.; Liu, P.; McKirahan, J.; Melton, D.; Slaven, I.; Steinke, L.; Toosi, M.; Wahby, W.; Wiseman, R.; Woodley, D.; Wyatt, D.

Department Telephone: 217.581.3226

Applied Engineering and Technology (B.S.)

The Applied Engineering and 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 Applied Engineering Technology provides an excellent foundation for a challenging career.**

Summary of Applied Engineering & Technology Program Requirements

5 courses in Introduction to Technological Studies	15 hrs
3 courses in Technical Development	9 hrs
5 courses in Professional Development	16 hrs
1 course in Economics	3 hrs
2 courses in Mathematics/Statistics	6 - 9 hrs
3 - 4 courses in Physical Sciences	8 hrs
Total Core Hours	**57 - 60 hrs**
15 Concentration Hours	15 hrs
Total Major Hours	**72 - 75 hrs**

Major

Applied Engineering and Technology comprises the following courses, as well as 15 hours of course work from one of the concentrations.

Introduction to Technological Studies (15 hrs)

- AET 1263 - Materials Technology. Credits: 3
- AET 1323 - Computers for Applied Engineering and Technology. Credits: 3
- AET 1413 - Technological Systems. Credits: 3
- AET 2324 - Electronic Control Systems. Credits: 3
- AET 3703 - Machine Design. Credits: 3

Technical Development (9 hrs outside of declared concentration)

- AET 1363 - Graphic Communication Technologies. Credits: 3
- AET 2043 - Computer-Aided Engineering Drawing. Credits: 3
- AET 2253 - Construction Equipment and Materials. Credits: 3
- AET 2523 - Routing and Switching Fundamentals. Credits: 3
- AET 3103 - Robots and Control Systems. Credits: 3
- AET 3113 - Manufacturing Machine Processes. Credits: 3
- AET 4002 - Materials Testing. Credits: 3
- AET 4853 - Polymers and Composites. Credits: 3

Professional Development (16 hrs)

- AET 3414 - Selection and Management of Applied Engineering Projects. Credits: 4
- AET 4823 - Facility Security. Credits: 3
- AET 4843 - Statistical Quality Assurance. Credits: 3
- AET 4943 - Manufacturing Management. Credits: 3
- OPD 4835 - Supervision in Organizations. Credits: 3
  OR
- BUS 3010 - Management and Organizational Behavior. Credits: 3

One of the following:

- ECN 2800G - Economics of Social Issues. Credits: 3
- ECN 2801G - Principles of Macroeconomics. Credits: 3

Mathematics:

- MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
  OR
- MAT 2120G - Finite Mathematics. Credits: 3

AND

- BUS 2810 - Business Statistics I. Credits: 3
  OR
- MAT 2250G - Elementary Statistics. Credits: 4

Physical Sciences – Students need eight hours from the courses listed below:

- CHM 1040G - The World of Chemistry. Credits: 4
- CHM 1310G - General Chemistry I. Credits: 3
- CHM 1315G - General Chemistry Laboratory I. Credits: 1
- 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 1161 - Principles of Physics II. Credits: 3
- PHY 1162 - Principles of Physics II Laboratory. Credits: 1
- 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

And 15 hours of course work from one of the concentrations listed below:

Alternative Energy and Sustainability Concentration

A minimum of 15 hours of course work which includes AET 3253 and 3453 and three courses selected from the following list: AET 3833, 4275, 4453, and 4873. These may include study in the areas of the basics of energy sources and technology, the specifics of alternative and renewable energy and their uses, the sustainability of energy sources both traditional, alternative and renewable, and examining the trends both present and future as to energy sources, energy usage, and energy futures. Internship in an energy organization as well as a course in issues of green and sustainable construction are available.

Required Courses:

- AET 3253 - Energy Technology. Credits: 3
- AET 3453 - Alternative and Renewable Energy Systems. Credits: 3

Three courses selected from the following:

- AET 3833 - Sustainable Buildings. Credits: 3
- AET 4275 - Industrial Internship. Credits: 1 to 10
- AET 4453 - Sustainability Topics in Energy. Credits: 3
- AET 4873 - Current Trends in Energy Technology. 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. **Construction Technical Concentration students must take AET 2253 – Construction Equipment and Materials (3 credits) plus 12 hours from the following courses:**

- AET 3213 - Surveying and Site Planning. Credits: 3
- AET 3223 - Architectural Drafting and Blueprint Reading. Credits: 3
- AET 3603 - Mechanical Systems in Residential and Commercial Buildings. Credits: 3
- AET 4223 - Construction Cost Estimating. Credits: 3
- AET 4243 - Construction Project Management. Credits: 3
- BUS 2750 - Legal and Social Environment of Business. Credits: 3

Digital Media Technologies 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. **Digital Media Technologies Technical Concentration students must take AET 1363 – Graphic Communication Technologies* (3 credits) plus 12 hours from the following courses:**

- AET 2123 - Digital Photography and Imaging. Credits: 3
- AET 3343 - Digital Media Technologies. Credits: 3
  (See note below *)
- AET 4123 - Advanced Digital Photography. Credits: 3
- AET 4353 - Print and Digital Media Production. Credits: 3
  (See note below *)
- AET 4813 - Advanced Digital Media Technologies. Credits: 3
  (See note below *)
- AET 4863 - Packaging Technologies. Credits: 3
- AET 4953 - Color Management Technologies. Credits: 3

Note:

* These courses can be used for the Advertising Interdisciplinary Minor. AET 1363 and AET 3343 are required courses for the Advertising Minor.

General Concentration

A minimum of **15** semester hours of course work from any **two** of the above concentrations. A maximum of six (6) of the required fifteen (15) hours may be met with Technical Development courses within the two concentrations. Cross-listed courses will not be counted twice.

Integrated Computer Technology 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 sequentiation and regulation, automatic ID, computerized interfacing and data acquisition, and industrial-based routing and switching telecommunications. **Integrated Computer Technology Technical Concentration students must take AET 3103 – Robots and Controls Systems (3 credits) plus 12 hours from the following courses:**

- AET 2523 - Routing and Switching Fundamentals. Credits: 3
- AET 3073 - Programmable Logic Controllers. Credits: 3
- AET 3153 - Advanced Routing and Switching. Credits: 3
- AET 4183 - Microcomputer Interfacing and Data Acquisition. Credits: 3
- AET 4274 - Automation and Control Systems. Credits: 4
- AET 4833 - Automatic Identification and Data Capture. Credits: 3

Manufacturing 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. **Manufacturing Technical Concentration students must take AET 3113 - Manufacturing Machine Processes[+] (3 credits) plus 12 hours from the following courses:**

- AET 3012 - Metrology and Inspection Procedures. Credits: 2
- AET 3063 - 3-D Modeling. Credits: 3
- AET 3103 - Robots and Control Systems. Credits: 3
- AET 3143 - Manufacturing Fabrication Processes. Credits: 3
  (See Footnote +)
- AET 3203 - Computer Numerical Control Programming. Credits: 3
  (See Footnote +)
- AET 4023 - Manufacturing Automation. Credits: 3
- AET 4274 - Automation and Control Systems. Credits: 4
- AET 4602 - Physical Metallurgy. Credits: 3
  (See Footnote +)
- AET 4673 - Work Measurement and Method Design. Credits: 3
- AET 4803 - Plant Layout and Material Handling. Credits: 3
- AET 4853 - Polymers and Composites. Credits: 3
  (See Footnote +)

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.

** Of the 120 semester hours required to complete the degree, at least 42 semester hours of courses from EIU must be included.

(Major GPA based on all Applied Engineering & Technology courses taken at EIU.)

Applied Engineering and Technology Honors Program

Applied Engineering and Technology majors with a cumulative and a major GPA of 3.50 or above, on a 4.00 scale, will be eligible for the Applied Engineering and Technology Departmental Honors Program. Twelve semester hours in Applied Engineering and 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 Applied Engineering and Technology, the student must complete at least 12 hours in the following courses:

- Elective Courses (5000 through 5499). Credits: 3(See footnote 3)
- AET 4444 - Honors Independent Study. Credits: 1 to 4

(See footnote 1)

- AET 4555 - Honors Research. Credits: 3
  (See footnote 2)
- AET 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 Applied Engineering and Technology electives.
[3] May be counted toward technical concentration or required electives in Applied Engineering and Technology with the approval of Departmental Honors Coordinator and the Graduate School.

Applied Engineering and 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
- AET 1263 - Materials Technology. Credits: 3
- AET 2043 - Computer-Aided Engineering Drawing. Credits: 3
- AET 4843 - Statistical Quality Assurance. Credits: 3

2-3 Semester Hours from:

- AET 3012 - Metrology and Inspection Procedures. Credits: 2
  or
- AET 3043 - Engineering Geometry and Graphics. Credits: 3
  or
- AET 3703 - Machine Design. Credits: 3
  or
- AET 4002 - Materials Testing. Credits: 3

6-7 Semester Hours of Electives

Electives in Applied Engineering and Technology (excluding AET 2200G and 2300G)

Career & Technical Education (B.S.)

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/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.

All students graduating after December 2011 with a teacher certification major must earn a grade of "C" or better in all courses, regardless where they are taken, used toward graduation. This includes general education, professional education, major and minor courses, all university required courses, and electives. Students must receive a "C" or better in all courses used toward graduation, regardless of where they are taken. This includes general education, professional education, major and minor course, all university required courses, and electives. Students must 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

- 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.

- 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

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: 3
  (See footnote 1)

- CTE 3401 - Seminar in Teaching Keyboarding and Computer Applications. Credits: 2
  (See footnote 1)
- CTE 3402 - Seminar in Teaching Basic Business and Accounting. Credits: 2
  (See footnote 1)
- EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
- EDF 4450 - Philosophy and History of Education. Credits: 3
  (See footnote 1)
- EDP 3331 - Theories of Learning and Development for Secondary Teachers. Credits: 3
  (See footnote 1)
- SED 3330 - Instructional Tasks in the Secondary School. Credits: 3
  (See footnote 1)
- SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3
  (See footnote 1)
- 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

- 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: 3
  (See footnote 1)
- CTE 3401 - Seminar in Teaching Keyboarding and Computer Applications. Credits: 2
  (See footnote 1)
- CTE 3402 - Seminar in Teaching Basic Business and Accounting. Credits: 2
  (See footnote 1)
- 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: 3
  (See footnote 1)
- 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

- 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.

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

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: 3
  (See footnote 1)
- CTE 3403 - Seminar in Teaching Family and Consumer Sciences. Credits: 2
  (See footnote 1)
- 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
  (See footnote 1)
- SED 3330 - Instructional Tasks in the Secondary School. Credits: 3
  (See footnote 1)

- SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3
  (See footnote 1)
- 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

- 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: 3
  (See footnote 1)
- CTE 3403 - Seminar in Teaching Family and Consumer Sciences. Credits: 2
  (See footnote 1)
- 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: 3
  (See footnote 1)
- 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

- 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.

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

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: 3
  (See footnote 1)
- CTE 3404 - Seminar in Teaching Technology. Credits: 2
  (See footnote 1)
- EDF 2555 - Diversity of Schools and Societies: Social and Global Perspectives. Credits: 3
- EDF 4450 - Philosophy and History of Education. Credits: 3
  (See footnote 1)
- EDP 3331 - Theories of Learning and Development for Secondary Teachers. Credits: 3
  (See footnote 1)
- SED 3330 - Instructional Tasks in the Secondary School. Credits: 3
  (See footnote 1)
- SPE 3500 - The Education of Individuals with Exceptional Learning Needs: Access to the General Curriculum. Credits: 3
  (See footnote 1)
- 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

- CTE 2000 - Inquiry Into Teaching Career and Technical Education. Credits: 2
- CTE 3100 - Instructional Technology in Career and Technical Education. Credits: 3
  (See footnote 1)
- CTE 3400 - Methods of Teaching Career and Technical Education. Credits: 3
  (See footnote 1)
- CTE 3404 - Seminar in Teaching Technology. Credits: 2
  (See footnote 1)
- 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: 3
  (See footnote 1)
- 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: 24 hours

- AET 1263 - Materials Technology. Credits: 3
- AET 1363 - Graphic Communication Technologies. Credits: 3
- AET 1413 - Technological Systems. Credits: 3
- AET 2043 - Computer-Aided Engineering Drawing. Credits: 3
- AET 2253 - Construction Equipment and Materials. Credits: 3
- AET 2324 - Electronic Control Systems. Credits: 3
- AET 3103 - Robots and Control Systems. Credits: 3
- AET 3113 - Manufacturing Machine Processes. Credits: 3

Concentrations:

- First Concentration: 9 semester hours
  Note: Students must have a "C" or better in each of the concentration courses for their First Concentration.
- Second Concentration or electives: 0-14 semester hours

Approved Electives for Technology Education Concentrations:

Automation & Control:

- AET 2523 - Routing and Switching Fundamentals. Credits: 3
- AET 3073 - Programmable Logic Controllers. Credits: 3
- AET 3153 - Advanced Routing and Switching. Credits: 3
- AET 4183 - Microcomputer Interfacing and Data Acquisition. Credits: 3
- AET 4274 - Automation and Control Systems. Credits: 4
- AET 4833 - Automatic Identification and Data Capture. Credits: 3

Construction:

- AET 3213 - Surveying and Site Planning. Credits: 3
- AET 3223 - Architectural Drafting and Blueprint Reading. Credits: 3
- AET 3603 - Mechanical Systems in Residential and Commercial Buildings. Credits: 3
- AET 4223 - Construction Cost Estimating. Credits: 3
- AET 4243 - Construction Project Management. Credits: 3

Graphic Communications:

- AET 2123 - Digital Photography and Imaging. Credits: 3
- AET 3063 - 3-D Modeling. Credits: 3
- AET 3343 - Digital Media Technologies. Credits: 3
- AET 4123 - Advanced Digital Photography. Credits: 3
- AET 4353 - Print and Digital Media Production. Credits: 3
- AET 4813 - Advanced Digital Media Technologies. Credits: 3
- AET 4863 - Packaging Technologies. Credits: 3
- AET 4953 - Color Management Technologies. Credits: 3

Manufacturing:

- AET 3143 - Manufacturing Fabrication Processes. Credits: 3
- AET 3203 - Computer Numerical Control Programming. Credits: 3
- AET 4002 - Materials Testing. Credits: 3
- AET 4602 - Physical Metallurgy. Credits: 3
- AET 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 AET.

Organizational and Professional Development (B.S.)

The Organizational and Professional Development Program offers a Bachelor of Science degree with a major in Organizational and Professional Development that prepares students with significant working experience for positions as supervisors, project leaders, change agents, and trainers in a variety of organizational settings.

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

- Prior Occupational Learning. Credits: 1-30 (see footnote **)
  OR OPD 4810 – Principles of Career Development. Credits: 3
- OPD 4830 - Organizational Perspectives: Past, Present and Future. Credits: 3
- OPD 4835 - Supervision in Organizations. Credits: 3
- OPD 4840 - Training Program Development. 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:

Training/Development Concentration

Nine semester hours from the list below.

- OPD 4800 - Strategies and Processes of Teaching and Training. Credits: 3
- OPD 4845 - Improvement in Organizations. Credits: 3
- OPD 4855 - Web-Based Training and Instruction. Credits: 3
- OPD 4860 - Facilitating Learning and Project Groups. Credits: 3
- OPD 4890 - Accelerated Learning and Training. Credits: 3
- MGT 3450 - Human Resource Management. Credits: 3
- MIS 3515 - Information Presentation. Credits: 3

Supervision/Leadership Concentration

Nine semester hours from the list below.

- AET 4943 - Manufacturing Management. Credits: 3
- BUS 3500 - Management Information Systems. Credits: 3
- OPD 4815 - Conflict in Organizations Credits: 3
- OPD 4820 - Change Strategies in Organizations. Credits: 3
- OPD 4825 - Ethical Behavior in Organizations Credits: 3
- OPD 4870 - Coaching and Mentoring for Critical Thinking in the Workplace. Credits: 3
- OPD 4880 - Productive Work Teams. Credits: 3
- MIS 3530 - Business Web Site Design. Credits: 3

Footnotes:

*Of the 120 semester hours required to complete the degree, at least 25 semester hours of courses from EIU must be included.

**Based on recommendations developed while enrolled in OPD 3000 - Learning Analysis through Portfolio Development, students may prepare and submit a portfolio which explicitly describes college-level learning based on prior occupational experiences. This credit may be granted via OPD 3200 or other course numbers within the Organizational and Professional Development Program.

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.

Environmental Sustainability
The School of Technology participates in the Interdisciplinary Minor in Environmental Sustainability which provides students with the skillset needed to be competitive in a job market focused on the applications of environmental sustainability. Students will take courses in alternative energies and sustainability as well as biogeochemical aspects of environmental sustainability. The minor also provides examples of the applications of environmental sustainability to various social systems. See the Interdisciplinary Minor in Environmental Sustainability for minor requirements.

Department of Military Science

Department of Military Science/Programs and Policies

Mission Statement
The mission of the Military Science Department is to develop future leaders for the United States Army and to prepare graduates who are agile, adaptive leaders in their chosen government and business professions. The Military Science Department places highest priority on leadership training; skills which 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. Must be a US Citizen
2. Must be an Illinois Resident
3. Must be enrolled at Eastern Illinois University full-time taking a minimum of 12 credit hours
4. Must have a minimum GPA of 2.0 with a preferred GPA of 2.5
5. Must be enrolled in at least (1) Military Science Course and KSS 1000
6. Applicants must submit an application for each individual semester (Fall, Spring, and Summer

Students can contact the Military Science Academic Advisor at 217/581-5944 or can request an application on our web site http://www.eiu.edu/armyrotc/.

Department Faculty

LTC Eric Savickas, *Chairperson/Professor of Military Science; Academic Advisor*
MSG Mike Gately, *Senior Military Science Instructor*
CPT Lynnea Jensen, *Academic Advisor*
Mr. Nathan Lindemann, *Military Science Instructor*
Mr. Bret Rogowitz, *Human Resource Technician*
Mr. Luke Zuber, *Supply Technician*
Ms. Yun Sanders, *Administrative Assistant*

Department Telephone: 217.581.5944

Military Science/Reserve Officers' Training Corps

General

R.O.T.C. is a leadership development program culminating in a commission 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 as an undergraduate or graduate student. The program is conducted in two segments; the Basic course and the Advanced course. Full room and board or tuition scholarships are available to qualified students. (See Financial Aid section.)

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

Students participating in the basic course incur no military obligation.

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.

Credit for the basic course may be granted for members or prior members of the active Army, Army Reserve or Army National Guard upon verification of basic training completion. Credit may also be granted by verification of completion of High School JROTC or the five-week Leadership Training Course (LTC) at Fort Knox, Kentucky (normally accomplished between the sophomore and junior years). Students completing the Leadership Training Course will receive academic credit by enrolling in MSC 2003.

Classes consist of:

> **Note:** Students who are Federal or State Scholarship recipients are required to enroll in KSS 1000A, 1000B, 1000D, or 1000E.

- MSC 1001 - Leadership and Personal Development. 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
- MSC 2003 - Leader's Training Course. Credits: 1 to 6

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 tuition waivers
- Opportunity for full room and board or tuition scholarships
- Opportunity to pay for books and all mandatory fees
- Contracted military science students earn up to $500 per month subsistence pay.
- 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, is offered a federal scholarship or is an otherwise qualified academic sophomore. Those freshmen and sophomores with a 2.5 cumulative GPA can apply for scholarships through the Military Science Academic Advisor 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.htm/.
- Sophomore students with a 2.5 cumulative GPA can apply for a paid 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, Rifle Marksmanship 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 & 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, kinesiology and sports studies/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, exercise science, sport management, 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.**

Teacher Education

Information about teacher education may be found at the following website: http://www.eiu.edu/ceps/teached/. Please check this site regularly: As rules, regulations, and dates change, you'll find the most current information here.

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.

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/Kinesiology & Sports Studies, 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. Students must receive a grade of “C” or better in all courses and 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 courses with a grade of "C" or better. **Note:** Some majors require a higher GPA; please consult departmental requirements.

Minimum Grade Requirement in Courses for Teacher Certification Programs

All students with a teacher certification major must receive a grade of “C” or better in all courses, regardless where they are taken, used toward graduation including general education, professional education, major and minor courses, all university required

courses, and electives. Furthermore, any course used for the purpose of adding endorsements to a teaching certificate must be completed with a grade of “C” or better.

All post baccalaureate teacher certification candidates completing a teacher certification program must receive a grade of “C” or better in all courses, regardless where they are taken, used toward completion of the program. Furthermore, any course used for the purpose of adding endorsements to a teaching certificate must be completed with a grade of “C” or better.

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 Art, Music, Kinesiology & Sports Studies, 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 Kinesiology & Sports Studies.)
- 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
- KSS 3000 - Fitness Concepts for Teachers. Credits: 1
- MLE 4280 - Teaching Reading in the Middle/Secondary School. Credits: 3

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 Art, Music, Kinesiology & Sports Studies, 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
- KSS 3000 - Fitness Concepts for Teachers. Credits: 1
- MLE 4280 - Teaching Reading in the Middle/Secondary School. Credits: 3

Repeating Undergraduate Professional Education Courses with Field Experiences/Practica

Students may enroll in any undergraduate professional education course that includes a field experience or practicum no more than twice. Any students wishing to attempt a field experience/practicum course more than twice must appeal to the department in which the course is offered. The department will review the request and make a determination as to re-enrollment in the course. If the request is approved, a remediation plan must be developed and completed prior to re-enrollment. The remediation plan is to be developed by the department in consultation with the student. If the student’s request to re-enroll is denied, the student may seek reconsideration through the Office of the Dean, College of Education & Professional Studies.

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 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 the following five subject-matter areas: math, science, family and consumer sciences 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 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/Test of Academic Proficiency 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 Department of Student Teaching and Clinical Experiences 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/academic proficiency, subject-matter knowledge tests, and an assessment of professional teaching. Students are limited to taking each of these tests a maximum of 5 times per test. Additional information is available on the CEPS website (www.eiu.edu/ceps/teached).

The Basic Skills Test/Test of Academic Proficiency 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/Test of Academic Proficiency.

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 as 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 graduate from a teacher certification program and 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/Test of Academic Proficiency, and
4. establish a minimum cumulative GPA of 2.65 or higher.

Selection occurs at the close of each semester. 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 the section on the 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. Selection (as described 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).
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 CMN 1310G, ENG 1001G, and ENG 1002G, or their equivalents (a minimum of 9 semester hours is required).
6. Documented "C" or better in 3 s.h. of college level math.
7. Documented "C" or better in ELE 2000 or ELE 2321; SPE 3201 or SPE 3220; SED 2000 or KSS 2000 or MUS 2440 or CTE 2000 or ART 2400.
8. Completed the required Criminal Background Investigation (CBI).

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/Test of Academic Proficiency.

Criminal Background Investigations

At time of application for admission to teacher education, candidates must complete an FBI/Illinois State Police fingerprint-based criminal history check. Candidates completing the fingerprinting-based check at admission to teacher education **will not** be required to complete this process again prior to student teaching. The fingerprint-based criminal background investigation is conducted by the Illinois State Police and the FBI, and is processed through an outside vendor. Students are responsible for the costs of these criminal background investigations.

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 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

Bachelor 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.)

All post-baccalaureate teacher certification candidates completing a teacher certification program must receive a grade of “C” or better in all courses, regardless where they are taken, used toward completion of the program. Furthermore, any course used for the purpose of adding endorsements to a teaching certificate must be completed with a grade of “C” or better.

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 complete an electronic application 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 2013-14 academic year must complete the application in Fall 2012. **Failure to complete the application by the deadline may result in 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).

Student Teaching sites are available in several regions of Illinois, but we do not have sites in all areas. Maps of current sites are available on the Student Teaching website. From these maps, students must rank-order four geographical areas as preference for student teaching region. There is absolutely no guarantee that any of these preferences can be honored. In addition, a site may be discontinued at any time at the discretion of the Department of Student Teaching.

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 (CBI) must be completed prior to student teaching (unless a fingerprint-based CBI was completed for admission to teacher education).
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 fingerprint-based criminal background investigation. The criminal background investigation is conducted by the Illinois State Police and the FBI, and is processed through an outside vendor. Students are responsible for the cost of this criminal background investigation.

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.) 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 complete an electronic application. Failure to complete the application materials by the deadline may result in 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 council 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.)
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.

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), including extracurricular activities, guidance programs, audio-visual programs, after-school programs, study hall supervision, preparation of assembly programs, field trips, dramatics, attendance at P.T.O. meetings, and faculty meetings. Student teachers are generally expected to participate as faculty members would 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 University Academic Waiver Appeals Committee (UAWAC). 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 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.
2. 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, Germany, Ireland, Netherlands, New Zealand, Malaysia, Scotland, Wales, and others. 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.

Assessment of Professional Teaching

The Assessment of Professional Teaching (APT) is a test over the Illinois Professional Teaching Standards and all teacher standards in English/Language Arts and Technology. The appropriate APT test must be passed before a student can graduate from a teacher certification program and be awarded a certificate by the State of Illinois.

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.

Department of Counseling & Student Development

Department Faculty

Richard Roberts, *Chairperson*

Conn, S.; Cross, J.; Fogarty, R.; Hencken, L.; Larson, H.; Leitschuh, G.; Nadler, D.; Polydore, C.; Roberts, R.; Tadlock-Marlo, R.; Timm, D.; Wallace, J.A.; Yoder, A.

Note: There is no undergraduate program in Counseling and Student Development. For graduate program description, see the *Graduate Catalog.*

Department Telephone: 217.581.2400

Department of Secondary Education & Foundations

Department Faculty

Stephen Lucas, *Chairperson*

Albear, G.; Barker, D.; Freking, T.; Gong, R.; Hine, W.; Hunt, T.; Jackman, D.; Kestner, J.; Lucas, S.; Ochwa-Echel, J.; Page, B.; Paulson, D.; VanGunten, D.

Department Telephone: 217.581.5931

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.
- AET 1413 - Technological Systems. Credits: 3
- CTE 3000 - Consumers in the Marketplace. Credits: 3
  OR FCS 3300
- FCS 3300 - Consumer Education. Credits: 3
  OR CTE 3000
- FCS 4846 - Aging and the Family. Credits: 3
- MLE 4280 - Teaching Reading in the Middle/Secondary School. Credits: 3
- OPD 4800 - Strategies and Processes of Teaching and Training. Credits: 3
- OPD 4810 - Principles of Career Development. Credits: 3
- PSY 3525 - Psychology of Maturity and Old Age. Credits: 3
- REC 2250 - Recreation Services for People with Disabilities. Credits: 3
- REC 4830 - Administration of Leisure Services. Credits: 3

Department of Early Childhood, Elementary, & Middle Level Education

Two distinct options are offered through the **Early Childhood Education Curriculum**: *Child and Family Studies and Special Education*. Information about these options and the major is located in the catalog under ***"Early Childhood Education."***

Also, two distinct options are offered through the **Elementary Education Curriculum**: *General and Middle School.*

- Information regarding the major and the **General Option** is located in the catalog under *"Elementary Education: General Option Elementary Certificate (K-9)."*
- Information regarding the major and the **Middle School Option** is located in the catalog under *"Elementary Education: Middle School Option Elementary Certificate (K-9)."*

Department Faculty

Joy Russell, *Chairperson*

Bickford, J.; Brosam, J.; Carpenter, J.; Carter, D.; Coffey, J.; Croy, T.; Dale, C.; Duck, J.; Fero, M.; Flood, A.; Maheshwari, S.; Md-Yunus, S.; Okrasinski, J.; Padmaraju, K.; Pearson, M.; Poelker, B.; Reid, D.; Reven, L.; Sherwood, L.; Stodden, D.; Yoakum, C.

Department Telephone: 217.581.5728

Early Childhood Education (B.S. in 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/Test of Academic Proficiency 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 used toward graduation, regardless of where they are taken. This includes general education, professional education, major and minor course, all university required courses, and electives. Students must 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)

University General Education and additional departmental required courses: 48 semester hours

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 - Mathematics for Elementary Teachers I. Credits: 3
- MAT 2420G - Mathematics for Elementary Teachers II. 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. The following courses can be used to meet both university general education and departmental requirements:

- GEG 1100G - Cultural Geography. Credits: 3
  or
- GEG 1200G - World Regional Geography. Credits: 3

AND

- ANT 2200G - Introduction to Anthropology. Credits: 3
  or
- PLS 2253G - Introduction to International Relations. Credits: 3
  or
- PSY 1879G - Introductory Psychology. Credits: 3
  or
- SOC 2750G - Social Problems in Contemporary Society. Credits: 3

Professional Course Work

(77-80 semester hours)

- Concentration 1: Special Education(See footnote 2)
- Concentration 2: Child and Family Studies(See footnote 3)
- 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 40001 - Practicum in Elementary Curriculum and Instruction. Credits: 1
  (See footnote 1)
- ELE 40002 - Practicum in Elementary Curriculum and Instruction. Credits: 1
  (See footnote 1)
- ELE 4770 - Methods and Curriculum in the Primary Grades. Credits: 3
- ELE 4775 - Language and Language Arts in Early Childhood. Credits: 3
- 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: 3
  (See footnote 2)
- HST 3000 - Health Concepts for Teachers. Credits: 2
- KSS 3600 - Introduction to Elementary School Physical Education. Credits: 2

- MUS 3420 - Music in Elementary Schools. Credits: 2
  or ART 3440
- 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
  (See footnote 4)
- STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
- STG 4001 - Student Teaching. Credits: 12-16
  (Register for 16 semester hours)

Footnotes:

[1] Take ELE 40001 with Block I and ELE 40002 with Block II.

[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. 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/Test of Academic Proficiency.

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 Elementary Education prior to student teaching.

Students must pass the appropriate Assessment of Professional Teaching (APT) test before they can graduate from a teacher certification program.

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)

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/Test of Academic Proficiency 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 used toward graduation, regardless of where they are taken. This includes general education, professional education, major and minor course, all university required courses, and electives. Students must 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)

University General Education and additional departmental required courses: 48 semester hours

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 - Mathematics for Elementary Teachers I. Credits: 3
- MAT 2420G - Mathematics for Elementary Teachers II. 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. The following courses can be used to meet both university general education and departmental requirements:

- GEG 1100G - Cultural Geography. Credits: 3
  or
- GEG 1200G - World Regional Geography. Credits: 3

AND

- ANT 2200G - Introduction to Anthropology. Credits: 3
  or
- PLS 2253G - Introduction to International Relations. Credits: 3
  or
- PSY 1879G - Introductory Psychology. Credits: 3
  or
- SOC 2750G - Social Problems in Contemporary Society. Credits: 3

Professional Course Work

(73-75 semester hours)

- 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 and Middle School. Credits: 3
- ELE 3290 - Science in the Elementary and Middle School. Credits: 3
- ELE 3340 - Social Studies for the Elementary and Middle School. Credits: 3
- ELE 3350 - Language Arts in the Elementary and Middle School. Credits: 2
- ELE 40002 - Practicum in Elementary Curriculum and Instruction. Credits: 1
  (See Footnote 1)
- ELE 4880 - Diagnostic-Prescriptive Reading Instruction. Credits: 3
- HST 3000 - Health Concepts for Teachers. Credits: 2
- KSS 3600 - Introduction to Elementary School Physical Education. Credits: 2
- MAT 3420 - Teaching Mathematics in Grades PreK-6. Credits: 2
- MUS 3420 - Music in Elementary Schools. Credits: 2
  or ART 3440
- 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. 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. Must include ENG 2901 and ENG 3001, one course in American Literature, and a course in children's literature. A creative writing course above the freshman level is highly recommended.

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. Courses must include BIO 1100 and one of the following: BIO 1200G or BIO 1300G. A total program must include coursework in Chemistry, Physics and either Earth Science or Geology.

Mathematics

Fifteen 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. MAT 4920 and at least two MAT 4810 topic courses must be included in a student's total program. Consult your advisor for current courses that fulfill program requirements.

Social Science

Fifteen semester hours of course work must include two of the following areas: Geography, Political Science and/or Economics. A total program must include both HIS 2010G and 2020G, one course in world civilization and one course in non-US History.

Footnotes:

[1] Take ELE 40002 with Block II.

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/Tests of Academic Proficiency.

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 Elementary Education prior to student teaching.

Students must pass the appropriate Assessment of Professional Teaching (APT) test before they can graduate from a teacher certification program.

Elementary Education: Middle School Option Elementary Certificate (K-9) (B.S. in Education)

With Subject Area Endorsement

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/Test of Academic Proficiency 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 used toward graduation, regardless of where they are taken. This includes general education, professional education, major and minor course, all university required courses, and electives. Students must 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)

University General Education and additional departmental required courses: 48 semester hours

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 - Mathematics for Elementary Teachers I. Credits: 3
- MAT 2420G - Mathematics for Elementary Teachers II. Credits: 3

English elective from General Education Humanities courses.

Art, Music, or Theatre Arts from General Education Fine Arts courses.

AND

6 semester hours of social and behavioral sciences. The following courses can be used to meet both university general education and departmental requirements:

- GEG 1100G - Cultural Geography. Credits: 3
  or
- GEG 1200G - World Regional Geography. Credits: 3

AND

- ANT 2200G - Introduction to Anthropology. Credits: 3
  or
- PLS 2253G - Introduction to International Relations. Credits: 3
  or
- PSY 1879G - Introductory Psychology. Credits: 3
  or
- SOC 2750G - Social Problems in Contemporary Society. Credits: 3

Professional Course Work

(75-79 semester hours)

- 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 and Middle School. Credits: 3
- HST 3000 - Health Concepts for Teachers. Credits: 2
- KSS 3600 - Introduction to Elementary School Physical Education. Credits: 2
- MAT 3420 - Teaching Mathematics in Grades PreK-6. Credits: 2
  (See footnote 1)
- MLE 3110 - Curriculum and Instruction in Middle-Level School. Credits: 3
- MLE 3150 - Interdisciplinary Teaching in the Middle-Level School. Credits: 3
- MLE 40001 - Practicum in Middle School Curriculum & Instruction. Credits: 1
  (See footnote 2)
- MLE 40002 - Practicum in Middle School Curriculum & Instruction. Credits: 1
  (See footnote 2)
- 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
- 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: 3
  (See footnote 5)
- STG 4000 - Multicultural/Disabilities Practicum. Credits: 1
- STG 4001 - Student Teaching. Credits: 12-16
  (See footnote 3)
  (Register for 14 semester hours)

One of the following:

- ELE 3290 - Science in the Elementary and Middle School. Credits: 3
- ELE 3340 - Social Studies for the Elementary and Middle School. Credits: 3
- ELE 3350 - Language Arts in the Elementary and Middle School. Credits: 2
  or
- MAT 3620 - Teaching Mathematics 6-9. Credits: 3
  (See footnote 4)

Footnotes:

[1] Students selecting Mathematics subject area are exempt from MAT 3420.
[2] Take MLE 40001 with Block I and MLE 40002 with Block II.
[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. 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. Must include ENG 2901 and English 3001, one course in American Literature, and a course in children's literature. A creative writing course above the freshman level is highly recommended.

General Science

Eighteen semester hours of course work. Courses must include BIO 1100 and one of the following: BIO 1200G or 1300G. A total program must include course work in Chemistry, Physics and either Earth Science or Geology.

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. MAT 4920 and at least two MAT 4810 topic courses must be included in a student's total program. Consult your advisor for current courses that fulfill program requirements.

Social Science

Eighteen semester hours of course work must include two of the following areas: Geography, Political Science, and/or Economics. A total program must include both HIS 2010G and 2020G, one course in world civilization and one course in non-U.S. history.

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/Test of Academic Proficiency.

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 Elementary Education prior to student teaching.

Students must pass the appropriate Assessment of Professional Teaching (APT) test before they can graduate from a teacher certification program.

Department of Educational Leadership

Department Faculty

Marleis Trover, *Chairperson*

Bartz, D.; Dively, J.; Herrmann, M.; Morford, L.; Osborne, N.

Note: There is no undergraduate program in Educational Administration. For graduate program description, *see the Graduate Catalog.*

Department Telephone: 217.581.2919

Department of Health Studies

Department Faculty

Robert Bates, *Chairperson*

Cavanaugh, R.; DeRuiter-Willems, L.; Dietz, J.; Hunter, D.; Magoc, D.; McCausland, J.; Phillips, K.; Rhoads, M.; Sego, A.; Simons, S.

Department Telephone: 217.581.5761

Health Studies: Community Health Option (B.S.)

Total Semester Hours: 58

Core Courses:

- BIO 2001G - Human Physiology. Credits: 4
- HST 2000 - Principles of Human Health. Credits: 3 (See Footnote *)
- HST 2250 - Professions in School and Community Health. Credits: 1 (See Footnote *)
- HST 2270 - Community Health. Credits: 3 (See Footnote *)
- HST 2700 - Marketing Concepts for Health Promotion Professionals. Credits: 3 (See Footnote *)
- HST 2800 - Health Education Research Methods I. Credits: 3 (See Footnote *)
- HST 3700 - Community Health Behavior Methods. Credits: 3 (See Footnote *)
- HST 3750 - Health Care Delivery Systems. Credits: 3 (See Footnote *)
- HST 3765 - Principles of Epidemiology. Credits: 3 (See Footnote *)
- HST 3800 - Health Education Research Methods II. Credits: 3 (See Footnote *)
- HST 4250 - Planning Health Programs. Credits: 3 (See Footnote *)
- HST 42751-42759 - Internship. Credits: 1 to 9 (See Footnote **)
- HST 4770 - Health Services Administration. Credits: 3 (See Footnote *)
- HST 4910 - Applied Health Communication. Credits: 3 (See Footnote *)

Select 12 Semester Hours

- HST 2200G - Health Citizenship. Credits: 3
- HST 2600 - International Health Issues. Credits: 3
- HST 2900 - Human Diseases. Credits: 3
- HST 3100 - Disasters and Public Health: Planning and Response. 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 4890 - Health and Aging. Credits: 3

Footnotes:

* These courses must be completed with a grade of "C" or better.** Students must enroll in a minimum total of 8 semester hours in order to graduate.

Students may not declare more than one of the following options in the Health Studies Major: Community Health, First Responder, or Health Administration.

Major GPA based on all Health Studies courses taken at EIU. The minimum major GPA required for graduation is 2.50.

Health Studies: First Responder Option (B.S.)

Total Semester Hours: 61 hours.

This major requires the following components:

Required Courses:

- BIO 2001G - Human Physiology. Credits: 4
- HST 2200G - Health Citizenship. Credits: 3 (See Footnote *)
- HST 2270 - Community Health. Credits: 3 (See Footnote *)
- HST 2700 - Marketing Concepts for Health Promotion Professionals. Credits: 3 (See Footnote *)
- HST 2800 - Health Education Research Methods I. Credits: 3 (See Footnote *)
- HST 2900 - Human Diseases. Credits: 3 (See Footnote *)
- HST 3100 - Disasters and Public Health: Planning and Response. Credits: 3 (See Footnote *)
- HST 3300 - Principles of Accident Prevention. Credits: 2 (See Footnote *)
- HST 3330 - Advanced Driving Maneuvers. Credits: 2 (See Footnote *)
- HST 3500 - Human Sexuality. Credits: 3 (See Footnote *)
- HST 3700 - Community Health Behavior Methods. Credits: 3 (See Footnote *)
- HST 3750 - Health Care Delivery Systems. Credits: 3 (See Footnote *)
- HST 3765 - Principles of Epidemiology. Credits: 3 (See Footnote *)
- HST 3800 - Health Education Research Methods II. Credits: 3 (See Footnote *)
- HST 4250 - Planning Health Programs. Credits: 3 (See Footnote *)
- HST 42751-42759 - Internship. Credits: 1 to 9 (See Footnote **)
- HST 4770 - Health Services Administration. Credits: 3 (See Footnote *)
- HST 4800 - Drugs and Society. Credits: 3 (See Footnote *)
- HST 4890 - Health and Aging. Credits: 3 (See Footnote *)

Footnotes:

*These courses must be completed with a grade of "C" or better.

**Students must enroll in a minimum total of 8 semester hours of internship

Students may not declare more than one of the following options in the Health Studies Major: Community Health, First Responder, or Health Administration Major

GPA based on all Health Studies courses taken at EIU. The minimum major GPA required for graduation is 2.50.

Health Studies: Health Administration Option (B.S.)

Total Semester Hours: 66 hours.

This major requires the following components:

Core Courses:

- BIO 2001G - Human Physiology. Credits: 4
- HST 2000 - Principles of Human Health. Credits: 3
  (See Footnote *)
- HST 2270 - Community Health. Credits: 3
  (See Footnote *)
- HST 2700 - Marketing Concepts for Health Promotion Professionals. Credits: 3
  (See Footnote *)
- HST 2800 - Health Education Research Methods I. Credits: 3
  (See Footnote *)
- HST 3700 - Community Health Behavior Methods. Credits: 3
  (See Footnote *)
- HST 3750 - Health Care Delivery Systems. Credits: 3
  (See Footnote *)
- HST 3765 - Principles of Epidemiology. Credits: 3
  (See Footnote *)
- HST 3800 - Health Education Research Methods II. Credits: 3
  (See Footnote *)
- HST 4250 - Planning Health Programs. Credits: 3
  (See Footnote *)
- HST 42751-42759 - Internship. Credits: 1 to 9
  (See Footnote **)
- HST 4770 - Health Services Administration. Credits: 3
  (See Footnote *)

Electives: 3 hours (select from list)

- HST 2600 - International Health Issues. Credits: 3
- HST 2900 - Human Diseases. Credits: 3
- HST 3100 - Disasters and Public Health: Planning and Response. Credits: 3
- HST 3560 - Women's Health. Credits: 3
- HST 4800 - Drugs and Society. Credits: 3
- HST 4890 - Health and Aging. Credits: 3
- HST 4910 - Applied Health Communication. Credits: 3

Footnotes:

*These courses must be completed with a grade of “C” or better.**Students must enroll in a minimum total of 8 semester hours of internship

Business Administration Minor (Required):

Course Requirements:

- BUS 2101 - Financial Accounting. Credits: 3
- BUS 2710 - Survey of Finance. Credits: 3
  (See Footnote *)
- 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 3200 - International Business Credits: 3
- BUS 3500 - Management Information Systems. Credits: 3
- FIN 3720 - Investments. Credits: 3
- FIN 3740 - Real Estate Fundamentals. Credits: 3
- FIN 3750 - Management of Financial Institutions. Credits: 3
- FIN 3770 - Working Capital Management. Credits: 3
- MAR 3720 - Consumer Behavior. Credits: 3
- MAR 3780 - Promotion Management. Credits: 3
- MAR 3875 - Retail Management. Credits: 3
- MAR 4490 - International Marketing. Credits: 3
- MGT 3450 - Human Resource Management. Credits: 3
- MIS 2000 - Information Systems Careers and Logic Skills. Credits: 3
- MIS 3200 - Networking Fundamentals. 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

Footnotes:

*Students who have the prerequisites (BUS 2102, ECN 2802G, and junior standing) may substitute BUS 3710 for BUS 2710.

Students may not declare more than one of the following options in the Health Studies Major: Community Health, First Responder, or Health Administration.

Major GPA based on all Health Studies courses taken at EIU. The minimum major GPA required for graduation is 2.50.

Health Studies with Teacher Certification Option (B.S.)

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/Test of Academic Proficiency 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 used toward graduation, regardless of where they are taken. This includes general education, professional education, major and minor course, all university required courses, and electives. Students must 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 2700 - Marketing Concepts for Health Promotion Professionals. Credits: 3
- HST 3120 - American Red Cross Instructor. Credits: 4
- 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 42751-42759, 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 47411 - Independent Study. Credits: 1 to 3
  or HST 47412 or HST 47413
- KSS 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/Test of Academic Proficiency.

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.

Students must pass the appropriate Assessment of Professional Teaching (APT) test before they can graduate from a teacher certification program.

(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
- HST 4250 - Planning Health Programs. Credits: 3

Plus Five Semester Hours From:

- HST 1120 - Basic CPR. Credits: 1
- HST 2200G - Health Citizenship. Credits: 3
- HST 2320 - First Aid and Emergency Care (including Basic CPR Skills). Credits: 3
- HST 2600 - International Health Issues. Credits: 3
- HST 2700 - Marketing Concepts for Health Promotion Professionals. Credits: 3
- HST 2800 - Health Education Research Methods I. Credits: 3
- HST 2900 - Human Diseases. Credits: 3
- HST 3100 - Disasters and Public Health: Planning and Response. Credits: 3
- HST 3120 - American Red Cross Instructor. Credits: 4
- 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 3800 - Health Education Research Methods II. Credits: 3
- HST 3910 - Communication in Health Professions. Credits: 3
- HST 47411 - Independent Study. Credits: 1 to 3
  or HST 47412 or HST 47413
- HST 4800 - Drugs and Society. Credits: 3
- HST 4890 - Health and Aging. Credits: 3
- HST 4910 - Applied Health Communication. 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
- KSS 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: 25-26

- 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 3310 - Driver Task Analysis. Credits: 3
- HST 3320 - Introduction to Classroom Methods in Driver Education. Credits: 3
- HST 3330 - Advanced Driving Maneuvers. Credits: 2

- HST 3360 - Classroom and Behind-the-Wheel Teaching Methods for Driver Education. Credits: 4
- HST 4900 - Multi-Phase Driver Education. Credits: 3

Choose From the Following (5 semester hours)

- HST 3340 - Accident Prevention in Schools. Credits: 2
- HST 3350 - Industrial Safety. Credits: 2
- HST 4800 - Drugs and Society. Credits: 3
- HST 4810 - Community Resources and Chemical Dependency. Credits: 2
- HST 4820 - DUI: Legal Issues. Credits: 2

Department of Kinesiology and Sports Studies

Department Faculty

Jill Owen, *Chairperson*
Ankenbrand, L.; Black, J.; Carlson, C.; Emmett, J.; Fay, D.; Furtado, O.; Gladu, J.; Hess, J.; Hussey, K.A.; Hussey, K.G.; Kattenbraker, C.; Kattenbraker, M.; Landeck, J.; Lenzi, D.; Mavi, H.; McCausland, R.; McFarland, J.; McInerney, J.; Oliver, T.; Price, L.; Pritschet, B.; Ronspies, S.; Ruholl, S.; Ryan, C.; Sanders, M.; Schuette, S.; Storsved, J.; Walker, B.; Warren, C.; Willardson, J.; Worby, T.

Department Telephone: 217.581.2215

Athletic Training (B.S.)

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 KSS 2130 and 2135 (beginning first 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/.

- KSS 2130 - Athletic Training Practicum. Credits: 1
- KSS 2135 - Basic Care and Prevention of Athletic Injuries. Credits: 3

General Education Requirements Plus:

Total Semester Hours: 76

Consisting of the following:

- BIO 1001G - Biological Principles and Issues. Credits: 3 [or other approved BIO general education course]
- 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
- KSS 1600 - Weight Training. Credits: 1
- KSS 2130 - Athletic Training Practicum. Credits: 1
- KSS 2135 - Basic Care and Prevention of Athletic Injuries. Credits: 3
- KSS 2136 - Athletic Training as a Profession. Credits: 3
- KSS 2137 - Introduction to Athletic Training Clinical Education. Credits: 1
- KSS 2440 - Structural Kinesiology. Credits: 3
- KSS 3140 - Injury Recognition – Upper Extremity. Credits: 2
- KSS 3141 - Injury Recognition – Lower Extremity. Credits: 2
- KSS 3142 - Therapeutic Exercise. Credits: 2
- KSS 3143 - Therapeutic Modalities. Credits: 2
- KSS 3144 - Seminar in Sports Medicine. Credits: 2
- KSS 3150 - Athletic Training Clinical I: Injury Recognition – Upper Extremity. Credits: 2
- KSS 3151 - Athletic Training Clinical II: Injury Recognition – Lower Extremity. Credits: 2
- KSS 3152 - Athletic Training Clinical III: Therapeutic Exercise. Credits: 2
- KSS 3153 - Athletic Training Clinical IV: Therapeutic Modalities. Credits: 2
- KSS 3154 - Athletic Training Clinical V: Seminar in Sports Medicine. Credits: 2
- KSS 3180 - General Medical Conditions in the Athlete. Credits: 2
- KSS 3800 - Biomechanics of Human Movement. Credits: 3
- KSS 3900 - Microcomputers in Kinesiology and Sports Studies. Credits: 3
- KSS 4275 - Field Experience. Credits: 3 or 6 (3 hrs.)
- KSS 4340 - Principles of Exercise Physiology. Credits: 3
- KSS 4440 - Physical Fitness Appraisal and Performance Assessment. Credits: 3
- KSS 4460 - Principles of Resistance Training. Credits: 3
- KSS 4500 - Research and Statistics in Kinesiology and Sports Studies. Credits: 3
- KSS 4741 - Independent Study. Credits: 1 to 3 (3 hrs.)
- KSS 4900 - Special Topics in Kinesiology and Sports Studies. Credits: 1
  (2 special topics approved by advisor)
  (Special Topic Course Numbers: KSS 4900 and KSS 4900A-T)
- PSY 1879G - Introductory Psychology. Credits: 3 [Gen Ed (3)]

Footnotes:

Students must receive a "C" or better in all Kinesiology and Sports Studies courses and BIO 2001G.

(Athletic Training Professional GPA based on Kinesiology and Sports Studies, Health Studies, Biological Sciences, Family & Consumer Sciences, and Psychology courses in this major taken at EIU).

Kinesiology & Sports Studies: Exercise Science Concentration (B.S.)

Major

Total Semester Hours: 65-68

Criteria for admission to the Kinesiology & Sports Studies Major: Exercise Science Concentration:

1. Completion of BIO 2001G (or equivalent) with a grade of C or better;2. Completion of KSS 1500 and KSS 2440 (or equivalent) with a grade of C or better.

Core Requirements:

- KSS Aquatics course. Credits: 1
- BIO 2001G - Human Physiology. Credits: 4
- 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
- KSS 1310 - Aqua Exercise. Credits: 1
- KSS 1500 - Kinesiology and Sports Studies as a Profession. Credits: 2
- KSS 1600 - Weight Training. Credits: 1
- KSS 1692 - Aerobic Exercise. Credits: 1
- KSS 2104 - Technique and Theory of Aerobic Exercise and Strength Training. Credits: 2
- KSS 2135 - Basic Care and Prevention of Athletic Injuries. Credits: 3
- KSS 2440 - Structural Kinesiology. Credits: 3
- KSS 2850 - Fitness for Life. Credits: 3
- KSS 3720 - Exercise Psychology. Credits: 2
- KSS 3800 - Biomechanics of Human Movement. Credits: 3
- KSS 3900 - Microcomputers in Kinesiology and Sports Studies. Credits: 3
- KSS 4275 - Field Experience. Credits: 3 or 6
  (Register for six or nine semester hours)
- KSS 4325 - Organization and Administration in Sport Management and Exercise Science. Credits: 3
- KSS 4340 - Principles of Exercise Physiology. Credits: 3
- KSS 4440 - Physical Fitness Appraisal and Performance Assessment. Credits: 3
- KSS 4450 - Exercise Prescription for General and Special Populations. Credits: 3
- KSS 4460 - Principles of Resistance Training. Credits: 3
- KSS 4900 - Special Topics in Kinesiology and Sports Studies. Credits: 1
  (3 special topics approved by advisor)
  (Special Topic Course Numbers: KSS 4900 and KSS 4900A-T)

One additional technique/theory course from:

- KSS 2101 - Technique and Theory of Badminton and Tennis. Credits: 2
- KSS 2102 - Technique and Theory of Golf and Bowling. Credits: 2
- KSS 2103 - Technique and Theory of Track and Field and Weight Training. Credits: 2
- KSS 2360 - Techniques and Theory of Softball and Volleyball. Credits: 2
- KSS 2380 - Technique and Theory of Flag Football and Basketball. Credits: 2
- KSS 2390 - Technique and Theory of Soccer/Speed-ball, and Modified Team Sports. Credits: 2

Footnotes:

A grade of C or better is required in BIO 2001G and all Kinesiology and Sports Studies courses counting toward the major. Aquatics Proficiency: If you pass the aquatics proficiency exam, you must then take an additional KSS activity course.

(Major GPA based on all Kinesiology and Sports Studies courses taken at EIU)

Kinesiology & Sports Studies: Sport Management Concentration (B.S.)

Major

Total Semester Hours: 64-67

Criteria for admission to the Kinesiology & Sports Studies Major: Sport Management Concentration:

1. Completion of KSS 1500 and KSS 2440 (or equivalent) with a grade of C or better.

Core Requirements:

- KSS Aquatics course. Credits: 1
- 2 hours Coaching courses
- KSS 1500 - Kinesiology and Sports Studies as a Profession. Credits: 2
- KSS 2440 - Structural Kinesiology. Credits: 3
- KSS 2761 - Introduction to Sport Management. Credits: 3
- KSS 2850 - Fitness for Life. Credits: 3
- KSS 3900 - Microcomputers in Kinesiology and Sports Studies. Credits: 3
- KSS 4275 - Field Experience. Credits: 3 or 6
  (Register for six or nine semester hours)
- KSS 4325 - Organization and Administration in Sport Management and Exercise Science. Credits: 3
- KSS 4326 - Psychosocial Aspects of Sport and Physical Activity. Credits: 3
- KSS 4327 - Ethics in Sports. Credits: 3
- KSS 4328 - Governance in Sport. Credits: 3
- KSS 4760 - Sport Law. Credits: 3
- KSS 4762 - Publicity in Sports. Credits: 3

One technique/theory course:

- KSS 2101 - Technique and Theory of Badminton and Tennis. Credits: 2
- KSS 2102 - Technique and Theory of Golf and Bowling. Credits: 2
- KSS 2103 - Technique and Theory of Track and Field and Weight Training. Credits: 2
- KSS 2104 - Technique and Theory of Aerobic Exercise and Strength Training. Credits: 2
- KSS 2360 - Techniques and Theory of Softball and Volleyball. Credits: 2
- KSS 2380 - Technique and Theory of Flag Football and Basketball. Credits: 2
- KSS 2390 - Technique and Theory of Soccer/Speed-ball, and Modified Team Sports. Credits: 2

Business Administration Minor (21 hours)

Footnotes:

A grade of C or better is required in all Kinesiology and Sports Studies courses counting toward the major.

Aquatics Proficiency: If you pass the aquatics proficiency exam, you must then take an additional KSS activity course.

(Major GPA based on all Kinesiology and Sports Studies courses taken at EIU)

Kinesiology & Sports Studies with Teacher Certification

The Kinesiology & Sports Studies 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/Test of Academic Proficiency 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 used toward graduation, regardless of where they are taken. This includes general education, professional education, major and minor course, all university required courses, and electives. Students must maintain a minimum cumulative and major GPA of 2.65 in order to continue in the program.

Kinesiology & Sports Studies: Physical Education Teacher Certification Option K-12 Special Certificate (B.S.)

Core Requirements

Kinesiology & Sports Studies Course Work

Total Semester Hours: 52

- BIO 2001G - Human Physiology. Credits: 4
- KSS 1500 - Kinesiology and Sports Studies as a Profession. Credits: 2
- KSS 2000 - Technique and Practice of Teaching Physical Education Activities. Credits: 1
- KSS 2440 - Structural Kinesiology. Credits: 3
- KSS 2450 - Physical Education for Exceptional Individuals. Credits: 3
- KSS 2850 - Fitness for Life. Credits: 3
- KSS 3400 - Secondary Physical Education Methods. Credits: 4
- KSS 3401 - Elementary Physical Education Methods. Credits: 4
- KSS 3600 - Introduction to Elementary School Physical Education. Credits: 2
- KSS 3641 - Rhythms/Dance/Tumbling for Elementary Physical Education. Credits: 1
- KSS 4320 - Organization, Administration, and Curriculum in K-12 Physical Education. Credits: 3
- KSS 4340 - Principles of Exercise Physiology. Credits: 3
- KSS 4470 - Measurement and Evaluation in Physical Education. Credits: 3

Electives From the Following Kinesiology & Sports Studies 2000-level Technique Courses

Two From:

- KSS 2101 - Technique and Theory of Badminton and Tennis. Credits: 2
- KSS 2102 - Technique and Theory of Golf and Bowling. Credits: 2
- KSS 2103 - Technique and Theory of Track and Field and Weight Training. Credits: 2
- KSS 2104 - Technique and Theory of Aerobic Exercise and Strength Training. Credits: 2

Two From:

- KSS 2106 - Technique and Theory of Team Activities. Credits: 2
- KSS 2360 - Techniques and Theory of Softball and Volleyball. Credits: 2
- KSS 2380 - Technique and Theory of Flag Football and Basketball. Credits: 2
- KSS 2390 - Technique and Theory of Soccer/Speed-ball, and Modified Team Sports. Credits: 2

One from:

- KSS 2220 - Technique and Theory of Folk, Square, and Ballroom Dance I. Credits: 2
- KSS 2230 - Technique and Theory of Modern Dance I. Credits: 2

3 Semester Hours from Kinesiology & Sports Studies Coaching Courses

Kinesiology & Sports Studies Activity Courses:

• 3 Semester Hours Electives from Kinesiology & Sports Studies 1000-level courses (Must be different activities.)
• Include one aquatics course or proficiency
• And either KSS 1600 or 1692

- KSS 1600 - Weight Training. Credits: 1
  OR
- KSS 1692 - Aerobic Exercise. Credits: 1

7 weeks of Coaching at student teaching site school; required during student teaching

Kinesiology & Sports Studies 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 KSS 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/Test of Academic Proficiency.

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 Kinesiology & Sports Studies must take place after formal admission and acceptance to teacher education. Students must receive a grade of "C" or better in all KSS courses and BIO 2001G in order to apply for formal admission to the Kinesiology & Sports Studies 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 Content Area test for their major prior to student teaching.

Students must pass the appropriate Assessment of Professional Teaching (APT) test before they can graduate from a teacher certification program.

(Major GPA based on all Kinesiology & Sports Studies courses taken at EIU.)

Kinesiology & Sports Studies Minor

Total Hours: 24

Coaching Option:
(*Note:* The following courses do not satisfy requirements for state certification for a teaching field.)

- Kinesiology & Sports Studies 3000-level teaching/coaching courses. Credits: 6
- KSS 2135 - Basic Care and Prevention of Athletic Injuries. Credits: 3
- KSS 2440 - Structural Kinesiology. Credits: 3
- KSS 3700 - Psychological Foundations of Coaching. Credits: 2
- KSS 4320 - Organization, Administration, and Curriculum in K-12 Physical Education. Credits: 3
- KSS 4340 - Principles of Exercise Physiology. Credits: 3

Kinesiology & Sports Studies Electives (4 semester hours required)

- KSS 2101 - Technique and Theory of Badminton and Tennis. Credits: 2
- KSS 2102 - Technique and Theory of Golf and Bowling. Credits: 2
- KSS 2103 - Technique and Theory of Track and Field and Weight Training. Credits: 2
- KSS 2104 - Technique and Theory of Aerobic Exercise and Strength Training. Credits: 2
- KSS 2360 - Techniques and Theory of Softball and Volleyball. Credits: 2
- KSS 2380 - Technique and Theory of Flag Football and Basketball. Credits: 2
- KSS 2390 - Technique and Theory of Soccer/Speed-ball, and Modified Team Sports. Credits: 2

Kinesiology & Sports Studies 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.

Total Hours: 24

Teaching Option:

- BIO 2001G - Human Physiology. Credits: 4
  (may be taken in General Education)
- KSS 2440 - Structural Kinesiology. Credits: 3
- KSS 2450 - Physical Education for Exceptional Individuals. Credits: 3
- KSS 3400 - Secondary Physical Education Methods. Credits: 4
- KSS 4320 - Organization, Administration, and Curriculum in K-12 Physical Education. Credits: 3
- KSS 4340 - Principles of Exercise Physiology. Credits: 3
- KSS 4470 - Measurement and Evaluation in Physical Education. Credits: 3

One of the Following:

- KSS 2106 - Technique and Theory of Team Activities. Credits: 2
- KSS 2360 - Techniques and Theory of Softball and Volleyball. Credits: 2
- KSS 2380 - Technique and Theory of Flag Football and Basketball. Credits: 2
- KSS 2390 - Technique and Theory of Soccer/Speed-ball, and Modified Team Sports. Credits: 2

One of the Following:

- KSS 2101 - Technique and Theory of Badminton and Tennis. Credits: 2
- KSS 2102 - Technique and Theory of Golf and Bowling. Credits: 2
- KSS 2103 - Technique and Theory of Track and Field and Weight Training. Credits: 2
- KSS 2104 - Technique and Theory of Aerobic Exercise and Strength Training. Credits: 2

One of the Following:

- KSS 1920 - Ballroom Dance. Credits: 1
- KSS 2220 - Technique and Theory of Folk, Square, and Ballroom Dance I. Credits: 2
- KSS 2230 - Technique and Theory of Modern Dance I. Credits: 2

One of the Following:

- KSS 1600 - Weight Training. Credits: 1
  or
- KSS 1692 - Aerobic Exercise. Credits: 1
  (omit if you have had KSS 2850)

Department of Recreation Administration

Department Faculty

William Higelmire, *Chairperson*

Barkley, J.; Holmes-Layman, P.; Mulvaney, M.

Department Telephone: 217.581.3018

Recreation Administration (B.S.)

Department of Recreation Administration programs are accredited by the Council on Accreditation for Parks, Recreation, Tourism, and Related Professions.

Major

(65 total semester hours)

The Recreation Administration Major Comprises

- REC 1320 - Leadership in Recreation. Credits: 3
- REC 1780 - Introduction to Leisure Service Agencies. Credits: 3
- REC 2250 - Recreation Services for People with Disabilities. 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 3900 - Operation of Leisure Facilities. 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

15 Semester Hours of REC Electives

- 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 3560 - Outdoor Living Skills. Credits: 2
- REC 3860 - Environmental Interpretation. Credits: 2
- REC 3960A - Special Topics: Consortium. Credits: 3
  or REC 3960B-M
- REC 47411 - Independent Study. Credits: 1
  or REC 47412 or REC 47413
- REC 4950 - Leisure and Aging. Credits: 3

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:

Prerequisite for Internship in Recreation – must have completed all other core courses in the Recreation Administration major or permission of the Chair or Internship Coordinator, and have at least a 2.0 cumulative and major GPA.

Fieldwork (REC 3551) requires 15 hours per week of practical experience at a field based site along with a one hour weekly class session for 15 weeks. Enrollment is limited as sites in the immediate area are limited.

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

Recreation Administration: Therapeutic Recreation Option (B.S.)

The Therapeutic Recreation Option Comprises:

(69 hours)

- BIO 1001G - Biological Principles and Issues. Credits: 3 (See Footnote ***)
  or
- BIO 1100 - General Biology. Credits: 4
- BIO 2001G - Human Physiology. Credits: 4
  (See Footnote ***)
- BIO 2200 - Human Anatomy. Credits: 4
- FCS 1800 - Life Span Human Development. Credits: 3
- HST 2000 - Principles of Human Health. Credits: 3
- HST 2320 - First Aid and Emergency Care (including Basic CPR Skills). Credits: 3
- KSS 2440 - Structural Kinesiology. 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 - Recreation Services for People with Disabilities. Credits: 3
- REC 2290 - Programming for Leisure Agencies. Credits: 3
- REC 3000 - Foundations of Therapeutic Recreation. Credits: 3
- REC 3111 - Therapeutic Recreation Modalities and Facilitation Techniques. Credits: 3
- REC 3250 - Evidence Based Intervention Planning in Therapeutic Recreation. Credits: 3
- REC 3360 - Advanced Therapeutic Recreation Processes. Credits: 3
- REC 3550 - Fieldwork in Recreation I. Credits: 3
  or
- REC 3551 - Fieldwork in Recreation II. Credits: 3
- REC 4274 - Pre-Internship. Credits: 1
- REC 4275 - Internship. Credits: 6
  (6 sem. hrs.)
- REC 4355 - Assessment and Administration 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

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 3560 - Outdoor Living Skills. Credits: 2
- REC 3860 - Environmental Interpretation. Credits: 2
- REC 3900 - Operation of Leisure Facilities. Credits: 3
- REC 3910 - Microcomputers in Leisure Agencies. Credits: 3
- REC 3960A - Special Topics: Consortium. Credits: 3
  or REC 3960B-M
- REC 47411 - Independent Study. Credits: 1
  or REC 47412 or REC 47413
- REC 4850 - Financial Practices for Leisure Service Agencies. Credits: 3
- REC 4950 - Leisure and Aging. Credits: 3

3 Hours of Electives for NCTRC Certification Approved by Advisor and Department Chair**

Footnotes:

Prerequisite for Internship in Recreation – must have completed all other core courses in the Recreation Administration major or permission of the Chair or Internship Coordinator, and have at least a 2.0 cumulative and major GPA.

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 one or more courses from the following five departments: family and consumer sciences, health studies, kinesiology, psychology, or sociology.

***Also meets the general education requirements.

(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 5420 Principles/Philosophy of Leisure. Credits: 2
  See Graduate Catalog for course description.
- REC 4444 - Honors Independent Study. Credits: 1
- REC 4644 - Honors Thesis. Credits: 3
- REC 4666 - Honors Seminar. Credits: 3
  (two times)

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.

Leadership in Community Recreation Minor

Total Semester Hours: 21-22

9 Semester Hours from the following leadership core 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

Three courses (9-10 credits total) from the following leadership resource management areas:

- REC 3900 - Operation of Leisure Facilities. 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

Electives, 3 Semester Hours:

A minimum of three semester hours of electives (normally one course) in Recreation Administration selected in consultation with a Recreation Administration advisor. These elective hours may include any of the following:

- REC 1780 - Introduction to Leisure Service Agencies. Credits: 3

- REC 2250 - Recreation Services for People with Disabilities. 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 3860 - Environmental Interpretation. Credits: 2
- REC 3900 - Operation of Leisure Facilities. 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

Footnote:

Students cannot declare this minor and a Recreation Administration minor.

Department of Special Education

(BS in Education)

The BSEd 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 & Professional Studies website at http://www.eiu.edu/ceps/teached.

All students must pass the Illinois Certification Test of Basic Skills/Test of Academic Proficiency 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 used toward graduation, regardless of where they are taken. This includes general education, professional education, major and minor course, all university required courses, and electives. Students must maintain a minimum cumulative and major GPA of 2.65 in order to continue in the program.

Department Faculty

Kathlene Shank, *Chairperson*

Burtard, G.; Cook, R.; Cooper, R.; Edmonds-Behrend, C.; Hooser, C.; Humphrey, E.; Johnson, S.; Jones, M.; Kirby, L.; Laumann, B.; Li, M.; Rosenstein, A.; Stringfellow, J.; Varner, K.; Woodley, S.

Department Telephone: 217.581.5315

Special Education: Early Childhood Option (B.S.)

Professional Course Work

(87 semester hours)

- 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: 12-16
  (register for 16 semester hours) (see footnote 1)

Other Requirements:

(21 semester hours)

- PLS 1153G or HIS 3600G or an equivalent US Constitution course

- Senior Seminar
- ENG 3001 - Advanced Composition. Credits: 3
- HST 1120 - Basic CPR. Credits: 1
  (See Footnote 2)
- HST 3000 - Health Concepts for Teachers. Credits: 2
  (See Footnote 2)
- KSS 3000 - Fitness Concepts for Teachers. Credits: 1
  (See Footnote 2)
- MAT 1420 - Mathematics for Elementary Teachers I. Credits: 3
- MAT 2420G - Mathematics for Elementary Teachers II. Credits: 3
- MAT 3420 - Teaching Mathematics in Grades PreK-6. Credits: 2

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] 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/Test of Academic Proficiency.

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.

The State of Illinois requires that the Special Education LBS I Test and the Special Education General Curriculum Test be passed prior to commencement of student teaching.

Students must pass the appropriate Assessment of Professional Teaching (APT) test before they can graduate from a teacher certification program.

A three-semester hour diversity course or third world/non-western course is required. It may be a Humanities or Social Science course.

Special Education: Standard Special Option (B.S.)

Professional Course Work

(80 semester hours)

- 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: 12-16
  (Register for 16 semester hours)
  (See Footnote 1)

Other Requirements:

(21 semester hours)

- PLS 1153G or HIS 3600G or an equivalent US Constitution course
- Senior Seminar
- ENG 3001 - Advanced Composition. Credits: 3
- HST 1120 - Basic CPR. Credits: 1
  (See Footnote 2)
- HST 3000 - Health Concepts for Teachers. Credits: 2
  (See Footnote 2)
- KSS 3000 - Fitness Concepts for Teachers. Credits: 1
  (See Footnote 2)
- MAT 1420 - Mathematics for Elementary Teachers I. Credits: 3
- MAT 2420G - Mathematics for Elementary Teachers II. Credits: 3
- MAT 3420 - Teaching Mathematics in Grades PreK-6. Credits: 2

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] HST 1120 may be waived with current CPR card. A minimum of three semester hours of HST/KSS 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/Test of Academic Proficiency.

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.

The State of Illinois requires that the Special Education LBS I Test and the Special Education General Curriculum Test be passed prior to commencement of student teaching.

Students must pass the appropriate Assessment of Professional Teaching (APT) test before they can graduate from a teacher certification program.

Special Education Honors Program

Admission to the Special Education Honors Program is open to students who meet at least two of the following criteria:

a. ACT composite score of 26 or higher or SAT (combined Math and Verb) of 1000 or higher;
b. Upper 10 percent of high school graduating class;
c. 3.50 GPA for at least 12 hours of course work undertaken at EIU (may be overall or special education);
d. 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 40001 - Practicum in Elementary Curriculum and Instruction. Credits: 1
  (See footnote 1)
- ELE 40002 - Practicum in Elementary Curriculum and Instruction. Credits: 1
  (See footnote 1)
- 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

Footnote:

[1] Take ELE 40001 with Block I and ELE 40002 with Block II.

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 and Middle School. Credits: 3
- ELE 3290 - Science in the Elementary and Middle School. Credits: 3
- ELE 3340 - Social Studies for the Elementary and Middle School. Credits: 3
- ELE 3350 - Language Arts in the Elementary and Middle School. Credits: 2
- ELE 40002 - Practicum in Elementary Curriculum and Instruction. Credits: 1
  (See footnote 1)
- ELE 4880 - Diagnostic-Prescriptive Reading Instruction. Credits: 3

- KSS 3600 - Introduction to Elementary School Physical Education. Credits: 2

Footnote:

[1] Take ELE 40002 with Block II.

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 40001 - Practicum in Middle School Curriculum & Instruction. Credits: 1
  (See footnote 1)
  OR
- MLE 40002 - Practicum in Middle School Curriculum & Instruction. Credits: 1
  (See footnote 1)
- MLE 4280 - Teaching Reading in the Middle/Secondary School. Credits: 3
- MLE 4760 - Student Social-Emotional Development in the Middle Grades. Credits: 3

Footnote:

[1] Take MLE 40001 with Block I or MLE 40002 with Block II.

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 - Jewelry and Metalsmithing I. 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 - Jewelry and Metalsmithing I. Credits: 3
- ART 3080 - Watercolor I. Credits: 3
- ART 3340G - Multicultural Aesthetics. 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 3505 - Advanced Microcomputer Applications and Development. Credits: 3
  OR MIS 3200 - Networking Fundamentals. Credits:3
- MIS 3515 - Information Presentation. Credits: 3
- MIS 3530 - Business Web Site Design. 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(see footnote **)

AND

- AET 1363 - Graphic Communication Technologies. Credits: 3
- AET 1413 - Technological Systems. Credits: 3
- AET 2324 - Electronic Control Systems. Credits: 3
- AET 3113 - Manufacturing Machine Processes. Credits: 3

AND

Electives from Applied Engineering & 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 2700 - Marketing Concepts for Health Promotion Professionals. 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.(see footnote **)

Music Education

(Special K-12 Certificate)

Methods Courses:

- MUS 3155 - Choral Conducting and Literature. Credits: 1
  OR
- MUS 3156 - Instrumental Conducting and Literature. Credits: 1

AND

- MUS 3400 - Methods and Materials of Teaching Instrumental Music Credits: 4
  OR
- MUS 3440 - Methods and Materials of Vocal and General 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

3 credit hours from:

- MUS 3585 - History and Literature of Music II. Credits: 3
- MUS 3586 - History and Literature of Music III. Credits: 3
- MUS 3595 - History and Literature of Music II, Honors. Credits: 3
- MUS 3596 - History and Literature of Music III, Honors. Credits: 3

Two semester hours from the following courses:

(determined by advisement and auditions)

- 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

2 semesters of Major Ensembles:

- MUS 0200A - Wind Symphony I. Credits: 1
- MUS 0200B - Wind Symphony II. Credits:
- MUS 0200D - Wind Symphony III. Credits: 1
- MUS 0200E - Wind Symphony IV. Credits: 1
- MUS 0201A - Concert Band I. Credits: 1
- MUS 0201B - Concert Band II. Credits: 1
- MUS 0201D - Concert Band III. Credits: 1
- MUS 0201E - Concert Band IV. Credits: 1
- MUS 0211A - Orchestra I. Credits: 1
- MUS 0211B - Orchestra II. Credits: 1
- MUS 0211D - Orchestra III. Credits: 1
- MUS 0211E - Orchestra IV. Credits: 1
- MUS 0230A - Concert Choir I. Credits: 1
- MUS 0230B - Concert Choir II. Credits: 1
- MUS 0230D - Concert Choir III. Credits: 1
- MUS 0230E - Concert Choir IV. Credits: 1
- MUS 0231A - University Mixed Chorus I. Credits: 1
- MUS 0231B - University Mixed Chous II. Credits: 1
- MUS 0231D - University Mixed Chorus III. Credits: 1
- MUS 0231E - University Mixed Chorus IV. Credits: 1

Applied Study for four semesters

- MUS 1110A - Intermediate Voice I. Credits: 1, 2 or 4
- MUS 1110B - Intermediate Voice II. Credits: 1, 2 or 4
- MUS 2210A - Intermediate Voice III. Credits: 1, 2 or 4
- MUS 2210B - Intermediate Voice IV. Credits: 1, 2 or 4
- MUS 1120A - Intermediate Flute I. Credits: 1, 2 or 4
- MUS 1120B - Intermediate Flute II. Credits: 1, 2 or 4
- MUS 2220A - Intermediate Flute III. Credits: 1, 2 or 4
- MUS 2220B - Intermediate Flute IV. Credits: 1, 2 or 4
- MUS 1121A - Intermediate Oboe I. Credits: 1, 2 or 4
- MUS 1121B - Intermediate Oboe II. Credits: 1, 2 or 4
- MUS 2221A - Intermediate Oboe III. Credits: 1, 2 or 4
- MUS 2221B - Intermediate Oboe IV. Credits: 1, 2 or 4
- MUS 1122A - Intermediate Clarinet I. Credits: 1, 2 or 4
- MUS 1122B - Intermediate Clarinet II. Credits: 1, 2 or 4
- MUS 2222A - Intermediate Clarinet III. Credits: 1, 2 or 4
- MUS 2222B - Intermediate Clarinet IV. Credits: 1, 2 or 4
- MUS 1123A - Intermediate Bassoon I. Credits: 1, 2 or 4
- MUS 1123B - Intermediate Bassoon II. Credits: 1, 2 or 4
- MUS 2223A - Intermediate Bassoon III. Credits: 1, 2 or 4
- MUS 2223B - Intermediate Bassoon IV. Credits: 1, 2 or 4
- MUS 1124A - Intermediate Saxophone I. Credits: 1, 2 or 4
- MUS 1124B - Intermediate Saxophone II. Credits: 1, 2 or 4
- MUS 2224A - Intermediate Saxophone III. Credits: 1, 2 or 4
- MUS 2224B - Introductory Saxophone IV. Credits: 1, 2 or 4
- MUS 1130A - Intermediate Trumpet I. Credits: 1, 2 or 4
- MUS 1130B - Intermediate Trumpet II. Credits: 1, 2 or 4
- MUS 2230A - Intermediate Trumpet III. Credits: 1, 2 or 4
- MUS 2230B - Intermediate Trumpet IV. Credits: 1, 2 or 4
- MUS 1131A - Intermediate Horn I. Credits: 1, 2 or 4
- MUS 1131B - Intermediate Horn II. Credits: 1, 2 or 4
- MUS 2231A - Intermediate Horn III. Credits: 1, 2 or 4
- MUS 2231B - Intermediate Horn IV. Credits:
- MUS 1132A - Intermediate Trombone I. Credits: 1, 2 or 4
- MUS 1132B - Intermediate Trombone II. Credits: 1, 2 or 4
- MUS 2232A - Intermediate Trombone III. Credits: 1, 2 or 4
- MUS 2232B - Intermediate Trombone IV. Credits: 1, 2 or 4
- MUS 1133A - Intermediate Euphonium I. Credits: 1, 2 or 4
- MUS 1133B - Intermediate Euphonium II. Credits: 1, 2 or 4
- MUS 2233A - Intermediate Euphonium III. Credits: 1, 2 or 4
- MUS 2233B - Intermediate Euphonium IV. Credits: 1, 2 or 4
- MUS 1134A - Intermediate Tuba I. Credits: 1, 2 or 4
- MUS 1134B - Intermediate Tuba II. Credits: 1, 2 or 4
- MUS 2234A - Intermediate Tuba III. Credits: 1, 2 or 4
- MUS 2234B - Intermediate Tuba IV. Credits: 1, 2 or 4
- MUS 1136 - Class Instruction in Voice. Credits: 1
- MUS 1140A - Intermediate Percussion I. Credits: 1, 2 or 4
- MUS 1140B - Intermediate Percussion II. Credits: 1, 2 or 4
- MUS 2240A - Intermediate Percussion III Credits: 1, 2 or 4
- MUS 2240B - Intermediate Percussion IV. Credits: 1, 2 or 4
- MUS 1150A - Intermediate Violin I. Credits: 1, 2 or 4
- MUS 1150B - Intermediate Violin II. Credits: 1, 2 or 4
- MUS 2250A - Intermediate Violin III. Credits: 1, 2 or 4
- MUS 2250B - Intermediate Viola IV. Credits: 1, 2 or 4
- MUS 1151A - Intermediate Viola I. Credits: 1, 2 or 4
- MUS 1151B - Intermediate Viola II. Credits: 1, 2 or 4
- MUS 2251A - Intermediate Viola III. Credits: 1, 2 or 4
- MUS 2251B - Intermediate Viola IV. Credits: 1, 2 or 4
- MUS 1152A - Intermediate Violoncello I. Credits: 1, 2 or 4
- MUS 1152B - Intermediate Violoncello II. Credits: 1, 2 or 4
- MUS 2252A - Intermediate Violoncello III. Credits: 1, 2 or 4
- MUS 2252B - Intermediate Violoncello IV. Credits: 1, 2 or 4
- MUS 1153A - Intermediate Double Bass I. Credits: 1, 2 or 4
- MUS 1153B - Intermediate Double Bass II. Credits: 1, 2 or 4
- MUS 2253A - Intermediate Double Bass III. Credits: 1, 2 or 4
- MUS 2253B - Intermediate Double Bass IV. Credits: 1, 2 or 4
- MUS 1154A - Intermediate Guitar I. Credits: 1, 2 or 4
- MUS 1154B - Intermediate Guitar II. Credits: 1, 2 or 4
- MUS 2254A - Intermediate Guitar III. Credits: 1, 2 or 4
- MUS 2254B - Intermediate Guitar IV. Credits: 1, 2 or 4
- MUS 1160A - Intermediate Piano I. Credits: 1, 2 or 4
- MUS 1160B - Intermediate Piano II. Credits: 1, 2 or 4
- MUS 2260A - Intermediate Piano III. Credits: 1, 2 or 4
- MUS 2260B - Intermediate Piano IV. Credits: 1, 2 or 4

- MUS 1161A - Intermediate Organ I. Credits: 1, 2 or 4
- MUS 1161B - Intermediate Organ II. Credits:
- MUS 2261A - Intermediate Organ III. Credits: 1, 2 or 4
- MUS 2261B - Intermediate Organ IV. Credits: 1, 2 or 4
- MUS 1163A - Intermediate Jazz I. Credits: 1, 2 or 4
- MUS 1163B - Intermediate Jazz II. Credits: 1, 2 or 4
- MUS 2263A - Intermediate Jazz III. Credits: 1, 2 or 4
- MUS 2263B - Intermediate Jazz IV. Credits: 1, 2 or 4

AND

Electives from Music to total a minimum of 32 semester hours (MUS 3440 and MUS 3400 are in addition to the 32 s.h. required.)

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(See footnote ***)

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.

Department of Student Teaching

Department Faculty

James Kestner, *Chairperson*

Bush, J.; Carli, N.; Edwards, L.; Hoffman, G.; Klosterman, R.; LaPorte, R.; Martino, A.; McCowan, A.; Meister, D.; Mullins, T.; Reardon, R.; Rechten, C.; Rogers, P.; Sawyer, M.; Standerfer, Z.; Stimac, D.; Vancil, M.; VanDeursen, D.; Williams, E.

Department Phone: 217.581.2620

College of Sciences

Harold Ornes, *Dean*
Godson Obia, *Associate Dean*
Amy Lynch, *Assistant to the Dean - Student Academic Services*
Vacant, *Assistant to the Dean - Administrative Services*
George Lesica, *Assistant to the Dean - Academic Technology Services*

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 six majors, one of which is offered with a teacher certification option. The College provides programs leading to the Bachelor of Science degree in ten 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 B.A. in 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. The B.S. in Nursing program offers degree completion for Registered Nurses. 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, earth science, environmental studies, environmental sustainability, geographic information sciences, neuroscience, pre-law studies, and religious studies, 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, mathematics and computer science, 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.

Department of Biological Sciences

Department Faculty

Karen Gaines, *Chairperson*
Gary Bulla, *Associate Chairperson*

Bollinger, E.; Bulla, G.; Canam, T.; Carlsward, B.; Chesnut, R.; Colombo, R.; Coons, J.; Coutant, N.; Daniel, S.; Deppe, J.; Dust, H.; Effert, E.; Enstrom, P.; Fritz, A.; Fritz, G.; Gaines, K.; Hung, K.; Johnson, D.; Laursen, C.; Laursen, J.; Liu, Z.; McGilliard, K.; Meiners, S.; Menze, M.; Methven, A.; Miller, B.G.; Mounce, S.; Mullin, S.; Nathan, B.; Novak, J.; Owen, H.; Pederson, C.; Sehweil-Elmuti, N.; Switzer, P.; Tucker, G.; Yager, K.M.

Department Telephone: 217.581.3126

Biological Sciences (B.S.)

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 3120 - Molecular and Cellular Biology. Credits: 4
- BIO 3200 - Genetics. Credits: 4
- 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
- MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
  (See footnote *)
- 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

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 with the exception of BIO 3888G) 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)

Biological Sciences: Environmental Biology Option (B.S.)

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 3120 - Molecular and Cellular Biology. Credits: 4
- 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: 6 or 12
  (12 hours of BIO 4275 is required in the major)
- 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: 5
  (See Footnote 1)
- 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 3450A - Independent Study I. Credits: 1 to 3
  or BIO 3450B
- BIO 3451A - Undergraduate Research I. Credits: 1 to 3
  or BIO 3451B
- BIO 3710 - Plant – Animal Interactions. Credits: 3
- BIO 3810 - Freshwater Ecology. Credits: 3
- BIO 3950 - Vertebrate Natural History. Credits: 3
- BIO 3952 - Invertebrate Natural History. Credits: 3
- BIO 4400A - Teaching in the Lab I. Credits: 1
  or BIO 4400B
- BIO 4810 - Plant Ecology. 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 4820 - Spatial Analysis for Environmental Sciences. Credits: 4
- BIO 4832 - Animal Behavior. Credits: 4
- BIO 4840 - Resource Management and Environmental Assessment Credits: 3
- 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 4958 (3700) - Parasitology. Credits: 4
- BIO 4960 - Wetland and Aquatic Vascular Plants. Credits: 3
- BIO 4964 - Entomology. Credits: 4
- 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 3810 - Geographic Information Systems I. Credits: 3
- GEG 3860 - Geographic Information Systems II. Credits: 3
- GEL 4850 (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
  (Course may be repeated for up to 6 hours)
- BIO 4555 - Honors Research. Credits: 1 to 3
  (Course may be repeated for up to 6 hours)
- 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 (See footnotes 1 and 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-Health Professions

Pre-Medicine – Allopathic/Osteopathic, Pre-Dentistry, Pre-Veterinary Medicine, Pre-Optometry, Pre-Podiatry, Pre-Physician's Assistant, Pre-Physical Therapy, and Pre-Occupational Therapy

Admission into any of the health professions is very competitive. Students should maintain a high grade point average, obtain leadership skills and exposure to the health profession of interest and make a strong showing on their test scores (MCAT, DAT, PCAT, OAT, or GRE). Although it is not necessary to obtain a baccalaureate degree to gain entrance into some of the health professions, it is highly recommended. 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- (identify health profession) as a second major. It is recommended that the program be enriched with electives in social and behavioral sciences, humanities, and fine arts. All students interested in a career in a health profession should consult with the Pre-Health Professions Advisor for information regarding specific admission requirements. More information concerning these programs at EIU is available at http://www.eiu.edu/~premed/.

Most of the health professions will expect one year of each of the following; English, Biology, Chemistry, Organic Chemistry, and Physics. Many will also expect Anatomy, Physiology, Psychology, Statistics, Microbiology, and Biochemistry. Be sure to check the health profession of choice for their specific requirements.

Minimum Requirements:

- 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

AND

- 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 3120 - Molecular and Cellular Biology. Credits: 4
- 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

Eastern Illinois University has a cooperative Baccalaureate in Nursing program with Lakeview College of Nursing. This arrangement allows students to pursue their BSN from Lakeview College of Nursing while having the convenience of remaining on Eastern's campus during all four years of their studies. EIU provides general education, prerequisite courses and advisement for pre-nursing students until they are accepted into Lakeview's program. Lakeview then delivers (through distance learning or on-site instructors) nursing courses to the EIU campus. When enrolled in the Lakeview program, students pay tuition to Lakeview. The degree is awarded from Lakeview College of Nursing. More information concerning this program at EIU is available at http://www.eiu.edu/~premed/.

Chiropractic Medicine

Eastern Illinois University has entered into a "3+3" affiliation agreement with Logan College of Chiropractic and Palmer College of Chiropractic. Both programs offer guaranteed admissions for qualified students to attend after 3 years (90 credits) at Eastern and finish a doctor of Chiropractic degree after 3 additional years at Logan or Palmer. Students who successfully complete the Pre-Chiropractic Program at EIU with a cumulative GPA of 3.25 or higher and meet all other criteria for admission shall be accepted at Palmer or Logan Colleges. Upon completion of the first year of studies at Logan and Palmer, a maximum of 34 credits may be transferred back to EIU toward completion of credits required for the Bachelor of Science in Biological Sciences degree at Eastern. More information concerning this program at EIU is available at http://www.eiu.edu/~premed/.

Department of Chemistry

Department Faculty

Dan Sheeran, *Chairperson*

Blitz, J.; Klarup, D.; Konkle, M.; Lawrence, B.; McGuire, M.; Mitrovski, S.; Peebles, R.; Peebles, S.; Periyannan, G.; Semeniuc, R.; Sheeran, D.; Treadwell, E.; Wheeler, K.; Yan, Z.

Department Telephone: 217.581.3322

Chemistry (B.A.)

Major

The Bachelor of Arts in Chemistry is comprised of the following:Students who have completed college-level, algebra-based physics courses (e.g., PHY 1151G, 1152G, 1161, 1162) should consult the department chair.

A five year accelerated BA/MS program is available. Detailed information is available at http://www.eiu.edu/~eiuchem/accelerated_MS.php.

Total Semester Hours: 54

- 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: 0
- CHM 3001 - Undergraduate Seminar. Credits: 1
- CHM 3500 - Introduction to Chemical Research. Credits: 1
- 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

AND

- CHM 3300 - Survey of Biochemistry. Credits: 3
  OR
- CHM 3450 - Biochemistry I. Credits: 3

AND

- CHM 3910 - Chemical Thermodynamics and Kinetics. Credits: 3
  OR
- CHM 3920 - Quantum Chemistry. Credits: 3

AND Six Semester Hours of Chemistry Electives in Chemistry (See Footnotes 1, 2 and 3)

Footnotes:

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

[1] The following may not be used as electives: Chemistry 1040G, 2040G, 3100, 3200 and 4001.

[2] A maximum of 3 semester hours of Undergraduate Research I-IV, CHM 44001-44004, may be used to satisfy the requirements for a chemistry degree.

[3] Prerequisite requirements must be met for all relevant chemistry courses.

Chemistry (B.S.)

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.

A five year accelerated BS/MS program is available for the Chemistry and Biochemistry concentrations. Detailed information is available at http://www.eiu.edu/~eiuchem/accelerated_MS.php.

- 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: 0
- 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
- 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. Chemistry (See Footnote 1)

Total Semester Hours: 20

- Five semester hours of electives in Chemistry(See footnotes 2 and 3)
- CHM 3450 - Biochemistry I. Credits: 3
- CHM 3915 - Physical Chemistry Laboratory. Credits: 2
- CHM 3920 - Quantum Chemistry. Credits: 3
- CHM 4000 - Undergraduate Seminar. Credits: 0
- CHM 4001 - Undergraduate Seminar. Credits: 1
- CHM 4900 - Inorganic Chemistry II. Credits: 3
- CHM 4915 - Advanced Laboratory. Credits: 3

2. Biochemistry (See Footnote 1)

Total Semester Hours: 30

- 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 3915 - Physical Chemistry Laboratory. Credits: 2
- CHM 3920 - Quantum Chemistry. Credits: 3
- CHM 4000 - Undergraduate Seminar. Credits: 0
- CHM 4001 - Undergraduate Seminar. Credits: 1
- CHM 4860 - Advanced Biochemistry. Credits: 3

AND (See Footnote 4)

- BIO 3200 - Genetics. Credits: 4
  OR
- BIO 3300 - General Microbiology. Credits: 4

AND Five Semester Hours of Electives in Chemistry (See Footnotes 3 and 5) 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: 45

- Three semester hours of electives in Chemistry (See Footnote 6)
- 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 2810 - Business Statistics I. Credits: 3
- BUS 3010 - Management and Organizational Behavior. 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
- CHM 3300 - Survey of Biochemistry. Credits: 3
- ECN 2801G - Principles of Macroeconomics. Credits: 3
- ECN 2802G - Principles of Microeconomics. Credits: 3
- HIS 3600G - The U.S. Constitution and the Nation. Credits: 3

Footnotes:

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

[1] Satisfies certification requirements of the American Chemical Society.

[2] Electives in the Chemistry Concentration must include two semester hours of 4000 level chemistry laboratory work in addition to CHM 4915. Courses that may be used to satisfy this requirement include Undergraduate Research I-IV: CHM 44001-44004, Honors Research I-II: CHM 45551 and 45552, or CHM 4770.

[3] The following may not be used as electives in the Chemistry or Biochemistry Concentrations: Chemistry 1040G, 2040G, 3100, 3200, and 3300.

[4] One course is required in concentration; the other may be used as an elective.

[5] Electives in the Biochemistry Concentration must include two semester hours of 4000 level chemistry laboratory work. Courses that may be used to satisfy this requirement include Undergraduate Research I-IV: CHM 44001-44004, Honors Research I-II: CHM 45551 and 45552, CHM 4770, or CHM 4915.

[6] The following may not be used as electives in the Management Concentration: 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 45551 - Honors Research I. Credits: 1 to 3
  or CHM 45552 - Honors Research II.
  (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 44441 - Honors Independent Study I. Credits: 1 to 3
  or CHM 44442 or CHM 44443 or CHM 44444
- CHM 45551 - Honors Research I. Credits: 1 to 3
  or CHM 45552

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

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 Chemistry (See footnote 1) 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 44001 - Undergraduate Research I. Credits: 1 to 3
  or CHM 44402 or CHM 44403 or CHM 44404
- CHM 4750 - Environmental Chemistry. Credits: 3

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 Chemistry (See footnote 1) 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 44001 - Undergraduate Research I. Credits: 1 to 3
  or CHM 44002 or CHM 44003 or CHM 44004
- 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.

Department of Clinical Laboratory Science

Clinical Laboratory Science (B.S.)

This cooperative degree program, administered by the Pre-Health Professions Advisor, 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. The clinical hours taken at the affiliated hospital will be treated as courses taken at EIU counting in residency hours and will be included in EIU grade point average. Since the clinical hours are treated as EIU residency hours, CLS majors are required to satisfy the standard 42 EIU residency hours, the 32 hour junior/senior year and 12 hour senior year residency hours despite being cooperative degree students. 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: 4
- BIO 3120 - Molecular and Cellular Biology. Credits: 4
- BIO 3210 - Immunology. Credits: 3
- BIO 3300 - General Microbiology. Credits: 4

AND

- BIO 2001G - Human Physiology. Credits: 4

  OR

- BIO 3520 - Animal Physiology. Credits: 4

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 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

OR

- 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

Mathematics Requirements

- MAT 1271 - College Algebra. Credits: 3
  or Equivalent Math Placement Test Level
- MAT 2250G - Elementary Statistics. Credits: 4

Clinical Laboratory Science Electives

Choose two electives (a minimum of 6 s.h. required) from:

- BIO 2200 - Human Anatomy. Credits: 4
- BIO 3200 - Genetics. Credits: 4
- BIO 3624 - Histology. Credits: 3
- BIO 3740 - Clinical Mycology. Credits: 3
- BIO 4836 - Pathogenic Microbiology. Credits: 4
- BIO 4958 (3700) - Parasitology. 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

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: 2 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

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.
- 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 because the terminal year is taken off-campus.

Department of Communication Disorders & Sciences

Department Faculty

Gail Richard, *Chairperson*

Becker, T.; Bergstrom, B.; Calvert, L.; Chambers, C.; Ellis, C.; Fahy, J.; Goldacker, F.; McNamara, T.; Smitley, J.; Throneburg, R.; Veale, T.; Wilson, B.

Department Telephone: 217.581.2712

Communication Disorders and Sciences (B.S.)

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

Footnote:

*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:

Admission	Application Deadline	Notification Date
Fall	February 1	March 1
Fall (Entering Summer)	May 15	June 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 and Sciences. Credits: 2
- CDS 4300 - Introduction to Audiology. Credits: 3
- CDS 4350 - Aural Rehabilitation. Credits: 3
- CDS 4600 - Seminar in Communication Disorders and Sciences. Credits: 3
  OR CDS 4690 - Honors Seminar in Communication Disorders and Sciences. 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

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 4644 - Honors Thesis. Credits: 3
  (Honors Thesis replaces elective in the program. Six hours are required.)
- CDS 4666 - Honors Seminar. Credits: 3
  (Honors Seminar replaces electives in the program)
- CDS 4690 - Honors Seminar in Communication Disorders and Sciences. Credits: 3
  (Honors Seminar in CDS is substituted for CDS 4600)

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.

Department of Economics

Department Faculty

Linda Ghent, *Chairperson*

Abebe, T.; Abou-Zaid, A.; Adom, A.D.; Alabdulwahab, S; Brodsky, N.; Bruehler, J.; Chiritescu, A.; Dao, M.; Harris, J.; Hickman, D.; Leonce, T.; Li, H.; Mason, T.; Moshtagh, A.; Upadhyay, M.

Department Telephone: 217.581.2719

Economics (B.A.)

Major (See footnote 1)

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 Courses (See footnote 2)

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: 3 (See footnote 3)
- ECN 3972 - Statistics Applied to Economics II. Credits: 3 (See footnote 4)
- 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: 5
  (See footnote 1)
  OR
- MAT 2110G - Brief Calculus with Applications. Credits: 3

AND

- MAT 2120G - Finite Mathematics. Credits: 3
  OR
- MAT 2550 - Introduction to Linear Algebra. Credits: 3
  (See Footnote 1)

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 (B.A.)

Core Requirements (See footnote 1)

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 an International Studies Option.

The International Studies option comprises:

33 Semester Hours in Economics Courses (See footnote 2)

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: 3 (See footnote 3)
- ECN 3972 - Statistics Applied to Economics II. Credits: 3 (See footnote 4)
- 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: 5
  (See footnote 1)
  OR
- MAT 2110G - Brief Calculus with Applications. Credits: 3

AND

- MAT 2120G - Finite Mathematics. Credits: 3
  OR
- MAT 2550 - Introduction to Linear Algebra. Credits: 3
  (See footnote 1)

18-21 Semester Hours in the Following Courses:
(Students must choose at least **three** different subject areas):

- ECN 3970 - Study Abroad. Credits: 1 to 15
  (See Footnote 8)
- FIN 4820 - International Finance. Credits: 3
  (See Footnotes 6, 7)
- 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 3070 - Geography and Culture of Middle America. Credits: 3
- GEG 3080 - Geography and Culture of South America. Credits: 3
- GEG 3620 - Geography of Tourism. Credits: 3
- GEG 3650 - Advanced Cultural Geography. Credits: 3
- GEG 3970 - Study Abroad. Credits: 1 to 15
  (See Footnote 8)
- HIS 3110 - Britain 1688 to the Present. 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 3970 - Study Abroad. Credits: 1 to 15
(See Footnote 8)
- HIS 4820 - The World in the Twentieth Century. Credits: 3
- MGT 4600 - International Business Policy and Operation. Credits: 3
(See Footnotes 5, 7)
- 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 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 3970 - Study Abroad. Credits: 1 to 15
(See Footnote 8)
- PLS 4823 - International Policy Issues. Credits: 3
- PLS 4933 - Ideologies of the Developing World. 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 (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 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] Prerequisites: ECN 3860 or permission of the instructor. Requires admission to the School of Business or permission of the Associate Chair.

[6] Prerequisites: BUS 1950; BUS 2101; BUS 2102; BUS 3710; ECN 2802G; ECN 3860; FIN 3730. Requires admission to the School of Business or permission of the Associate Chair.

[7] The MGT and FIN courses count as one subject area.

[8] No more than six hours from Study Abroad will be counted towards completion of this option.

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 Minor

Total Semester Hours: 21 (See footnote 1)

- ECN 2801G - Principles of Macroeconomics. Credits: 3
- ECN 2802G - Principles of Microeconomics. Credits: 3

AND

- Electives in Economics (excluding Economics 2800G, 3970, and 4275). Credits: 15(See footnote 2)

Footnotes:

[1] Substitution 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.

[2] It 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.

Department of Geology/Geography

Department Faculty

Michael Cornebise, *Chairperson*

Anderson, B.; Bower, K.; Burns, D.; Cataneo, B.; Chesner, C.; Cornebise, M.; Craig, C.; Davis, J.; DiNaso, S.; Johnson, K.; Khan, B.; Kronenfeld, B.; Laingen, C.; Obia, G.; Riley, J.; Smith, B.; Viertel, D.

Department Telephone: 217.581.2626

Geography (B.S.)

Major

The Geography B.S. Major requires students to fulfill a total of 50 semester hours. The core curriculum consists of 32 semester hours of required courses. All majors must select one of the four concentrations, each of which require 18 semester hours from geography and/or Earth Science courses.

Required Core Geography Courses (32 Hours)

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)
  OR
- ESC 1500G - Introduction to Physical Geography and Earth Systems Science. Credits: 4
- 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 3025 - Geography of the United States and Canada. 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 32 semester hours of required courses.

1. General Geography

Eighteen semester hours from geography and/or earth science courses **other than Required Course**s. 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. **This concentration may not be declared in combination with any other concentration in the major.**

2. Environmental Studies

Eighteen semester hours from geography and/or earth science **other than Required Course**s. 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 39601 - Special Topics I. Credits: 1 to 4
  or ESC 39602 or ESC 39603
- ESC 42751 - Internship in Earth Science I. Credits: 1 to 6
  or ESC 42752 or ESC 42753
- ESC 44001 - Independent Study I. Credits: 1
  or ESC 44002 or ESC 44003
- ESC 44301 - Undergraduate Research in Earth Science I. Credits: 1
  or ESC 44302 or ESC 44303
- GEG 3020 - Natural Disasters: Causes and Effects. Credits: 3
  (cross listed with ESC 3020)
- GEG 3310 - Introduction to Biogeography. Credits: 3
- GEG 3320 - Natural Resource Conservation. Credits: 3
- GEG 3330 - Agricultural Geography. Credits: 3
- GEG 3500 - Climate, Environment and History Since the last Ice Age. Credits: 3
  (Cross-listed with HIS 3500)
- GEG 4000 - Seminar. Credits: 3
  (See Footnote **)
- GEG 44001 - Independent Study I. Credits: 1
  or GEG 44002 or GEG 44003
- 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
- HIS 3500 - Climate, Environment and History Since the last Ice Age. Credits: 3
  (Cross-listed with GEG 3500)

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 39601 - Special Topics I. Credits: 1 to 4
  or ESC 39602 or ESC 39603
- ESC 44001 - Independent Study I. Credits: 1
  or ESC 44002 or ESC 44003
- GEG 3600 - Economic Geography. Credits: 3
- GEG 3750 - Population Geography. Credits: 3
- GEG 3780 - Land Use Planning. Credits: 3
- GEG 3810 - Geographic Information Systems I. Credits: 3
- GEG 3820 - Remote Sensing I. Credits: 3

- GEG 3850 - GPS: Mapping the Modern Way. Credits: 3
- GEG 3855 - Computer Mapping. Credits: 3
- GEG 3860 - Geographic Information Systems II. Credits: 3
- GEG 3865 - Advanced Cartography. Credits: 3
- GEG 3870 - Remote Sensing II. Credits: 3
- GEG 4000 - Seminar. Credits: 3
  (See Footnote **)
- GEG 42751 - Internship in Geography I. Credits: 1 to 6
  or GEG 42752 or GEG 42753
- GEG 44001 - Independent Study I. Credits: 1
  or GEG 44002 or GEG 44003
- GEG 44301 - Undergraduate Research in Geography I. Credits: 1
  or GEG 44302 or GEG 44303

4. International Studies
Eighteen 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 32 semester hours required by the geography major (i.e., core courses).

Regional Component: (9 hours minimum)
Choose from the following:

- 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 3070 - Geography and Culture of Middle America. Credits: 3
- GEG 3080 - Geography and Culture of South America. Credits: 3
- GEG 4000 - Seminar. Credits: 3
  (See Footnote **)
- 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 3640 - Geography of Sports. Credits: 3
- GEG 3650 - Advanced Cultural Geography. Credits: 3
- GEG 3750 - Population Geography. Credits: 3
- GEG 3775 - Urban Geography. Credits: 3
- GEG 4000 - Seminar. Credits: 3
  (See Footnote **)
- GEG 44001 - Independent Study I. Credits: 1
  or GEG 44002 or GEG 44003
  (See Footnote *)
- GEG 44301 - Undergraduate Research in Geography I. Credits: 1
  or GEG 44302 or GEG 44303
  (See Footnote *)

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 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 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)

Additional Elective Geography Courses:

- ESC 3400 - Broadcast Meteorology Practicum. Credits: 3
  (Cross-listed with GEG 3400)
- ESC 3415 - The Restless Atmosphere. Credits: 3
  (Cross-listed with GEG 3415)
- GEG 3000 - Geography of Illinois. Credits: 3
- GEG 3400 - Broadcast Meteorology Practicum. Credits: 3
  (Cross-listed with ESC 3400)
- GEG 3415 - The Restless Atmosphere. Credits: 3
  (Cross-listed with ESC 3415)
- GEG 3700 - Historical Geography of the United States. Credits: 3

Footnotes:
(Major GPA based on all geography and required earth science and geology courses taken at EIU.)

* Research topic must have an international focus and must be approved by the GEL/GEG International Studies Concentration Committee.**

GEG 4000 Seminar courses must be approved by the Geography faculty for each concentration.

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. 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 4444x, 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 44441 - Honors Independent Study I. Credits: 1
  or GEG 44442 or GEG 44443
- 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 (cross listed with GEL 1300G)
  or
- ESC 1400G - Weather and Climate. Credits: 4
  or
- ESC 1500G - Introduction to Physical Geography and Earth Systems Science. 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 must include at least six semester hours of courses numbered 3000 or above.

Geology (B.S.)

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
- ESC 1300G - Introduction to Earth Sciences. Credits: 4 (cross listed with GEL 1300G)
  or
- ESC 1320G - Geology of National Parks. Credits: 4 (cross listed GEL 1320G)
- GEG 3420 - Principles of Geomorphology. Credits: 3 (cross listed with GEL 3420)
- GEL 1430 - Historical Geology. Credits: 4
- GEL 2440 - Mineralogy. Credits: 4
- GEL 3405 - Petrology. Credits: 4
- GEL 3430 - Structural Geology. Credits: 3
- GEL 3510 - Principles of Sedimentation. Credits: 3
- GEL 3560 - Principles of Stratigraphy. Credits: 3
- GEL 4490 - Invertebrate Paleontology. Credits: 3
- GEL 4800 - Summer Field Geology in the Black Hills, S.D. Credits: 6
- GEL 4850 (4335) - Environmental Geology. Credits: 3
- 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 2100 - Geology of Energy Resources. Credits: 3
- GEL 3085 - Vertebrate Paleoenvironments and Paleoecology. Credits: 3
- GEL 3115 - Introduction to Paleoclimate. Credits: 4
- 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 3500 - Volcanology. Credits: 3
- GEL 3525 - Hydrogeology. 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 3810 - Geographic Information Systems I. Credits: 3
- GEG 3820 - Remote Sensing I. Credits: 3
- GEG 3855 - Computer Mapping. 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 44441, 44442, 44443, GEL 46661, 46662, 46663, and approved graduate course.

C. Students must complete the other requirements for the Geology major.
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 44441 - Honors Independent Study I. Credits: 1
     or GEL 44442 or GEL 44443
   - GEL 4555 - Honors Research. Credits: 1 to 6
   - GEL 4644 - Honors Thesis. Credits: 1 to 6
   - GEL 46661 - Honors Seminar I. Credits: 1 to 6
     or GEL 46662 or GEL 46663

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
  (cross listed with ESC 1300G)
  or
- GEL 1320G - Geology of National Parks. Credits: 4
  (cross listed with ESC 1320G)

- 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
  (cross listed with GEL 1300G)
  OR
- ESC 1320G - Geology of National Parks. Credits: 4
  (cross listed with GEL 1320G)
  OR
- ESC 1500G - Introduction to Physical Geography and Earth Systems Science. 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

Department of Mathematics & Computer Science

Department Faculty

Peter Andrews, *Chairperson*

Anderson, R.; Bishop, J.; Carlisle, S.; Comerford, J.; Comerford, L.; Coulton, P.; Delman, C.; Galperin, G.; Glazebrook, J.; Gordon, Y.; Green, W.; Hawker, C.; Henn, J.; Jeon, K; Lassak, M.; Mertz, A.; Parwani, K.; Rosenholtz, I.; Sharif, S.; Slough, W.; Van Cleave, N.; Weaver, M.; White, A.; Wiles, P.; Wolcott, K.

Department Telephone: 217.581.2028

Mathematics (B.A.)

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

Pure Mathematics Concentration Requirements

Pure Mathematics Core (11 hours)

- MAT 4760 - Linear Algebra. Credits: 4
- MAT 4855 - Introduction to Topology. Credits: 3
- MAT 4860 - Mathematical Analysis. Credits: 4

Electives 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 4335 - Topics in Mathematics. Credits: 3
- MAT 4750 - Linear Programming. Credits: 3
- MAT 4830 - Introduction to Complex Analysis with Applications. Credits: 3
- MAT 4885 - Theory of Computation. Credits: 3
- MAT 4910 - Number Theory. Credits: 3

Applied Mathematics Concentration Requirements

Applied Mathematics Core (12 hours)

- MAT 3501 - Differential Equations I. Credits: 3
- MAT 3570 - Numerical Analysis. Credits: 3
- MAT 3701 - Probability and Statistics I. Credits: 3
- MAT 3702 - Probability and Statistics II. Credits: 3

Electives (11-13 hrs)

- MAT 2670 - Computer Science II. Credits: 4
- MAT 3502 - Differential Equations II. Credits: 3
- MAT 3770 - Combinatorial Computing. Credits: 3
- MAT 4345 - Topics in Applied Mathematics. Credits: 3
- MAT 4750 - Linear Programming. Credits: 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 4860 - Mathematical Analysis. Credits: 4

Footnotes:

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

Mathematics with Teacher Certification Option (B.A.)

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 & 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 used toward graduation, regardless of where they are taken. This includes general education, professional education, major and minor courses, all university required courses, and electives. Students must 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:

1. 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 Department 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 44441 - Independent Study, Honors I. Credits: 1 to 3
  or MAT 44442
- MAT 45551 - Honors Research I. Credits: 1 to 3
  or MAT 45552
- MAT 4644 - Honors Thesis. Credits: 3
  required
- MAT 4666 - Honors Seminar. Credits: 2 to 4

Mathematics Minor

Total Hours: 23

9 Semester Hours of Electives in Mathematics

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: 31

- 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

Mathematics and Computer Science (B.S.)

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: 4
- MAT 3570 - Numerical Analysis. 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 42751 - Internship in Mathematics and Computer Science I. Credits: 10 to 15
  or MAT 42752
- 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 4370 - Topics in Computer Science. Credits: 3
- MAT 4750 - Linear Programming. 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.)

Department of Nursing

Department Faculty

Renee Kidd-Marshall, *Director*

Gosse, C.; Scheer, J.

Department Telephone: 217.581.7049

Nursing (B.S.)

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. The courses are taught via distance education to accommodate the schedules of working professionals.

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. Professional Liability Insurance
10. Certified Background Check
11. 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 1838G - 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 2230, McAfee Building 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.

General Education Requirements (See Footnote 1)

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 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: 6
- NUR 4604 - Professional Seminar. Credits: 4
- OPD 3000 - Learning Analysis Through Portfolio Development. Credits: 3
  (See Footnote 2)
  (Optional, could be used to satisfy professional elective)

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.[3]
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:

[1] This major does not require the completion of a foreign language through high school or college work as a graduation requirement. Of the 120 semester hours required to complete the degree, at least 25 semester hours earned at EIU must be included.

[2] Based on recommendations developed while enrolled in OPD 3000 Portfolio Development, students may prepare and submit a portfolio which explicitly describes college-level learning based on prior occupational experiences. This credit may be granted via OPD 3200 or 3300.

[3] Major GPA based on all nursing courses taken at EIU.

Department of Physics

Department Faculty

Steven Daniels, *Chairperson*

Aryainejad, S.; Brandt, D.; Conwell, J.; Daniels, S.; Holmes, R.; Ilic, N.; Joshi, A.; Lehman, C.; Linton, D.; Pakey, D.; Zou, J..

Department Telephone: 217.581.3220

Physics (B.S.)

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: 3
  (See footnote 1)
- PHY 1352G - General Physics I Laboratory. Credits: 1
  (See footnote 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 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 4711 - Experimental Physics I. Credits: 1
- PHY 4712 - Experimental Physics II. Credits: 1
- PHY 4713 - Experimental Physics III. Credits: 1
- 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
  *Course Numbers: PHY 3010A, B, D-F, H-M, O-R, T-Z
- 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 4444A - Honors Independent Study A. Credits: 3
  or PHY 4444B or PHY 4444D
  (See footnote 2)
- PHY 4470 - Optics. Credits: 4
- PHY 4555 - Honors Research. Credits: 3
  (See footnote 2)
- PHY 4601A - Research in Physics 1A. Credits: 1
  or PHY 4601B or PHY 4601D or PHY 4601E
  (See footnote 2)
- PHY 4602A - Research in Physics 2A. Credits: 2
  or PHY 4602B or PHY 4602D or PHY 4602E
  (See footnote 2)
- PHY 4603A - Research in Physics 3A. Credits: 3
  or PHY 4603B or PHY 4603D or PHY 4603E
  (See footnote 2)
- PHY 4750 - Thermodynamics and Statistical Mechanics. Credits: 4
- PHY 4800* - Advanced Independent Study. Credits: 1 to 6
  *Course Numbers: PHY 4800A, B, D-F, H-M, O-R, T-Z
  (See footnote 2)
- PHY 4860 - Quantum Mechanics and Atomic Physics II. Credits: 2
- PHY 4870 - Mathematical Methods of Physics. Credits: 3

Footnotes:

(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.

[2] No more than 3 semester hours of PHY 4444*, PHY 4555, PHY 4600, 4601*, 4602*, 4603* and PHY 4800* in aggregate will count towards the Physics concentration electives.

Physics: Applied Physics Option (B.S.)

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: 3
  (See Footnote 1)
- PHY 1352G - General Physics I Laboratory. Credits: 1
  (See Footnote 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 3080 - Modern Physics I. Credits: 3
- PHY 3150 - Electronics. Credits: 4
- PHY 4470 - Optics. Credits: 4
- PHY 4711 - Experimental Physics I. Credits: 1
- PHY 4712 - Experimental Physics II. Credits: 1

Footnotes:

(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.

Physics: Astronomy Option (B.S.)

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 2601A - Introductory Research in Physics 1A. Credits: 1
  or PHY 2601B or PHY 2601D
  OR
- PHY 2602A - Introductory Research in Physics 2A. Credits: 2
  or PHY 2602B or PHY 2602D
  OR
- PHY 2603A - Introductory Research in Physics 3A. Credits: 3
  or PHY 2603B or PHY 2603D

- PHY 3080 - Modern Physics I. Credits: 3
- PHY 3100 - Astronomical Techniques. Credits: 3
- PHY 3150 - Electronics. Credits: 4
- 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 4444A - Honors Independent Study A. Credits: 3
  or PHY 4444B or PHY 4444D
  (See Footnote 1)
- PHY 4555 - Honors Research. Credits: 3
  (See Footnote 1)
- PHY 4601A - Research in Physics 1A. Credits: 1
  or PHY 4601B or PHY 4601D, or PHY 4601E
  (See Footnote 1)
- PHY 4602A - Research in Physics 2A. Credits: 2
  or PHY 4602B or PHY 4602D, or PHY 4602E
  (See Footnote 1)
- PHY 4603A - Research in Physics 3A. Credits: 3
  or PHY 4603B or PHY 4603D, or PHY 4603E
  (See Footnote 1)
- PHY 4750 - Thermodynamics and Statistical Mechanics. Credits: 4
- PHY 4800* - Advanced Independent Study. Credits: 1 to 6
  *Course Numbers: PHY 4800A, B, D-F, H-M, O-R, T-Z
  (See Footnote 1)
- 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] No more than 2 semester hours of PHY 4444*, PHY 4555, PHY 4600, 4601*, 4602*, 4603* and PHY 4800* in aggregate will count towards the Astronomy Option electives.

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

Physics: Computational Physics Option (B.S.)

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 4601A - Research in Physics 1A. Credits: 1
  or PHY 4601B or PHY 4601D or PHY 4601E
  OR
- PHY 4602A - Research in Physics 2A. Credits: 2
  or PHY 4602B or PHY 4602D or PHY 4602E
  OR
- PHY 4603A - Research in Physics 3A. Credits: 3
  or PHY 4603B or PHY 4603D or PHY 4603E
- PHY 4711 - Experimental Physics I. Credits: 1
  or PHY 4712
- 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 4444A - Honors Independent Study A. Credits: 3
  or PHY 4444B or PHY 4444D
  (See Footnote 1)
- PHY 4470 - Optics. Credits: 4
- PHY 4555 - Honors Research. Credits: 3
  (See Footnote 1)
- PHY 4750 - Thermodynamics and Statistical Mechanics. Credits: 4
- PHY 4800* - Advanced Independent Study. Credits: 1 to 6
  *Course Numbers: PHY 4800A, B, D-F, H-M, O-R, T-Z
  (See Footnote 1)
- PHY 4860 - Quantum Mechanics and Atomic Physics II. Credits: 2
- PHY 4870 - Mathematical Methods of Physics. Credits: 3

Footnote:

[1] No more than 3 semester hours of PHY 4444*, PHY 4555, and PHY 4800* in aggregate will count towards the Computational Physics concentration electives.

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

Physics: Engineering Physics Option (B.S.)

(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: 30 (See footnote 1)
- AET 2043 - Computer-Aided Engineering Drawing. Credits: 3
  (See Footnote 2)
- CHM 1310G - General Chemistry I. Credits: 3
- CHM 1315G - General Chemistry Laboratory I. Credits: 1
- CHM 1410 - General Chemistry II. Credits: 3
  (See Footnote 2)
- CHM 1415 - General Chemistry Laboratory II. Credits: 1
  (See Footnote 2)
- 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 only
  (See Footnote 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 4711 - Experimental Physics I. Credits: 1
  or PHY 4712

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: 4
  (See Footnote 4)

Category B: At least one of:

- PHY 3350 - Introduction to Solid State Physics. Credits: 3
  (See Footnote 5)
- 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 4444A - Honors Independent Study A. Credits: 3
  or PHY 4444B or PHY 4444D
  (See Footnote 6)
- PHY 4470 - Optics. Credits: 4
- PHY 4555 - Honors Research. Credits: 3
  (See Footnote 6)
- PHY 4601A - Research in Physics 1A. Credits: 1
  or PHY 4601B or PHY 4601D or PHY 4601E
  (See Footnote 6)
  OR
- PHY 4602A - Research in Physics 2A. Credits: 2
  or PHY 4602B or PHY 4602D or PHY 4602E
  (See Footnote 6)
  OR
- PHY 4603A - Research in Physics 3A. Credits: 3
  or PHY 4603B or PHY 4603D or PHY 4603E
  (See Footnote 6)
- PHY 4644 - Honors Thesis. Credits: 3
  (See Footnote 6)
- PHY 4750 - Thermodynamics and Statistical Mechanics. Credits: 4
- PHY 4800* - Advanced Independent Study. Credits: 1 to 6
  *Course Numbers: PHY 4800A, B, D-F, H-M, O-R, T-Z
  (See Footnote 6)
- 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.

[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, 4601*, 4602*, 4603*, 4644, or 4800* may be counted toward the degree.

Physics: Radiation Physics Option (B.S.)

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)
- 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 4711 - Experimental Physics I. Credits: 1
- PHY 4712 - Experimental Physics II. Credits: 1
- PHY 4713 - Experimental Physics III. Credits: 1

Electives

5 semester hours of electives chosen from the list below:

- BIO 3120 - Molecular and Cellular Biology. Credits: 4
- 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 4444A - Honors Independent Study A. Credits: 3
  or PHY 4444B or PHY 4444D
  (See Footnote 1)

- PHY 4555 - Honors Research. Credits: 3
  (See Footnote 1)
- PHY 4601A - Research in Physics 1A. Credits: 1
  or PHY 4601B or PHY 4601D or PHY 4601E
  (See Footnote 1)
- PHY 4602A - Research in Physics 2A. Credits: 2
  or PHY 4602B or PHY 4602D or PHY 4602E
  (See Footnote 1)
- PHY 4603A - Research in Physics 3A. Credits: 3
  or PHY 4603B or PHY 4603D or PHY 4603E
- PHY 4800* - Advanced Independent Study. Credits: 1 to 6
  *Course Numbers: PHY 4800A, B, D-F, H-M, O-R, T-Z

Footnote:

[1] No more than 3 semester hours of PHY 4444*, PHY 4555, PHY 4600, 4601*, 4602*, 4603* and PHY 4800* in aggregate will count towards the Radiation Physics concentration electives.

(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 4444A - Honors Independent Study A. Credits: 3
  or PHY 4444B or PHY 4444D
  (See Footnote 1)
- PHY 4555 - Honors Research. Credits: 3
- PHY 4644 - Honors Thesis. Credits: 3
- PHY 4666 - Honors Seminar. Credits: 3

Footnote:

[1]A total of no more than 6 hours of Honors Independent Study may be counted towards completion of the Honors Program.

Physics Minor

Total Semester Hours: 18

4 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

4 Semester Hours from the following courses:

- 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

4 Semester Hours from:

- 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
  *Course Numbers: PHY 3010A, B, D-F, H-M, O-R, T-Z
  (See Footnote 2)
- 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 4711 - Experimental Physics I. Credits: 1
  or PHY 4712 or PHY 4713
  (See Footnote 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

Footnotes:

[1]May only count one semester hour of PHY 4711, PHY 4712 and PHY 4713 toward the minor.
[2]Not more than two semester hours from PHY 3010*.

Engineering (B.S.)

(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: 20-27(See footnote 3)
- AET 2043 - Computer-Aided Engineering Drawing. Credits: 3
  (See footnote 2)
- 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
- 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 only (See footnote 1)
- 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
  (See footnote 2)
- PHY 2400 - Dynamics. Credits: 3
  (See footnote 2)
- PHY 3270 - Introduction to Circuit Analysis. Credits: 4
  (See footnote 2)

Footnotes:

(Major GPA based on all courses in chemistry, Applied Engineering & 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.

[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 AET 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
- AET 2043 - Computer-Aided Engineering Drawing. 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
- ENG 1001G - Composition and Language. Credits: 3
- ENG 1002G - Composition and Literature. 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 only (See footnote 1)
- 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 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.

Department of Political Science

Department Faculty

Rich Wandling, *Chairperson*

Anderson, K.; Ashley, J.; Barria, L.; Carwell, D.; Hendrickson, R.; Lusvardi, A.; McNitt, A.; Morris, J.; Mueller, M.; Roper, S.; Swenson, K.; Wandling, R.

Department Telephone: 217.581.2523

Political Science (B.A.)

The major in Political Science comprises:

Core Introductory Requirements (19 hours)

All Political Science majors will complete the following hours:

- 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 2001 - Introduction to Research Methods in Political Science. Credits: 1
(1 hour)
- 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

Field Requirements (21 hours):

Political Science majors will take at least one course from each of the three areas listed below. In addition, students will complete 12 additional hours from these courses.

Comparative Politics & International Relations

- PLS 3100 - Global Threats and Problems. Credits: 3
- PLS 3203 - American Foreign Policy. Credits: 3
- PLS 3223 - International Organizations. Credits: 3
- PLS 3233 - International Terrorism. Credits: 3
- PLS 3253 - International Criminal Law. Credits: 3
- PLS 3303 - European 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, Public Policy & Public Administration

- PLS 3413 - Introduction to Public Administration. Credits: 3
- PLS 3653 - American Indian Politics. Credits: 3
- PLS 3703 - African American Politics. Credits: 3
- PLS 3713 - Political Parties and Elections. Credits: 3
- PLS 3723 - Political Behavior. Credits: 3
- PLS 3733 - Interest Groups and Lobbying. Credits: 3
- PLS 3743 - Congress. Credits: 3
- PLS 3753 - The American Presidency. Credits: 3
- PLS 3763 - Environmental Politics and Policy. 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 & Political Theory

- PLS 3523 - Criminal Law. Credits: 3
- PLS 3543 - Civil Liberties in America. Credits: 3
- PLS 3553 - Federal Indian Law and Policy. 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
- 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 Developing World. Credits: 3
- PLS 4943 - American Political Thought. Credits: 3

Applied Political Science Experience (3 hours):

Political Science majors will complete at least three hours in one or more of the following experiences:

- PLS 3970 - Study Abroad. Credits: 1 to 15
(See Footnote *)
- PLS 4275 - Internship. Credits: 1 to 12
(See Footnote **)
- PLS 4503 - Independent Study. Credits: 1 to 6
(See Footnote ***)
- PLS 4444 - Honors Independent Study. Credits: 3
(See footnote #)
- PLS 4555 - Honors Research. Credits: 3
(See footnote #)
- PLS 4644 - Honors Thesis. Credits: 3
(See footnote #)
- PLS 25131 - Moot Court I. Credits: 1
or PLS 25132 or PLS 25133
(Limited to 3 hours of Political Science Credit)
- PLS 26111 - Model Illinois Government I. Credits: 1

or PLS 26112
(Limited to 3 hours of Political Science Credit)

Political Science Capstone Course (3 hours):

All Political Science majors will complete a capstone course (PLS 4600), taken after students have completed at least 75 hours, including all Core Introductory Political Science requirements, and at least nine hours of Field Requirements.

- PLS 4600 - Political Science Capstone. Credits: 3

Footnotes:

* Three credit hours will count for this requirement. Additional credit hours may be substituted for Field Requirements, with departmental approval.

** Three credit hours will count for this requirement. Additional credit hours cannot be substituted for Field Requirements, but will count towards degree completion.

*** Three credit hours will count for this requirement. Additional credit hours cannot be substituted for Field Requirements, but will be included in computing the major g.p.a.

Students enrolled in Honors Independent Study must be enrolled in Political Science Departmental Honors.

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
  (See Footnote *)
- GEG 3800 - Introduction to Cartography. Credits: 3
  (See Footnote *)
- 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

Footnotes:

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

*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.

Political Science with International Studies Option (B.A.)

Core Introductory Requirements (16 hours)

All Political Science majors with the International Studies Option will complete the following hours:

- 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 2001 - Introduction to Research Methods in Political Science. Credits: 1
- 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

Political Science Field Requirements (18 hours):

Students will take four courses (12 hours) from the Comparative Politics and International Relations group. Students will take one additional course from each of the other two subfields.

Comparative Politics & International Relations

- PLS 3100 - Global Threats and Problems. Credits: 3
- PLS 3203 - American Foreign Policy. Credits: 3
- PLS 3223 - International Organizations. Credits: 3
- PLS 3233 - International Terrorism. Credits: 3
- PLS 3253 - International Criminal Law. Credits: 3
- PLS 3303 - European 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, Public Policy & Public Administration

- PLS 3413 - Introduction to Public Administration. Credits: 3
- PLS 3653 - American Indian Politics. Credits: 3
- PLS 3703 - African American Politics. Credits: 3
- PLS 3713 - Political Parties and Elections. Credits: 3
- PLS 3723 - Political Behavior. Credits: 3
- PLS 3733 - Interest Groups and Lobbying. Credits: 3
- PLS 3743 - Congress. Credits: 3
- PLS 3753 - The American Presidency. Credits: 3
- PLS 3763 - Environmental Politics and Policy. 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 & Political Theory

- PLS 3523 - Criminal Law. Credits: 3
- PLS 3543 - Civil Liberties in America. Credits: 3
- PLS 3553 - Federal Indian Law and Policy. 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
- 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 Developing World. Credits: 3
- PLS 4943 - American Political Thought. Credits: 3

Applied Political Science Experience (3 hours):

Political Science majors with the International Studies Option will complete at least three hours in one or more of the following experiences:

- PLS 3970 - Study Abroad. Credits: 1 to 15
  (See Footnote *)
- PLS 4275 - Internship. Credits: 1 to 12
  (See Footnote **)
- PLS 4503 - Independent Study. Credits: 1 to 6
  (See Footnote ***)
- PLS 4444 - Honors Independent Study. Credits: 3
  (See Footnote #)
- PLS 4555 - Honors Research. Credits: 3
  (See Footnote #)
- PLS 4644 - Honors Thesis. Credits: 3
  (See Footnote #)
- PLS 25131 - Moot Court I. Credits: 1
  or PLS 25132 or PLS 25133
  (Limited to 3 hours of Political Science Credit)
- PLS 26111 - Model Illinois Government I. Credits: 1
  or PLS 26112
  (Limited to 3 hours of Political Science Credit)

Political Science Capstone Course (3 hours):

All Political Science majors with the International Studies Option will complete a capstone course (PLS 4600), taken after students have completed at least 75 hours, including all Core Introductory Political Science requirements, and at least nine hours of Field Requirements.

- PLS 4600 - Political Science Capstone. Credits: 3

History Requirements (6 hours):

Students will complete two courses from the following list:

- HIS 2560 - Early Modern World History. Credits: 3
- HIS 3210 - History of the Modern Middle East. 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 Requirements and Electives (6 hours minimum):

Students will complete the following two courses:

- ECN 2801G - Principles of Macroeconomics. Credits: 3
- ECN 2802G - Principles of Microeconomics. Credits: 3

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 Developing Countries. Credits: 3
- ECN 4813 - Transition Economies. Credits: 3
- ECN 4861 - International Economic Problems. Credits: 3

Foreign Language Requirement

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.

Footnotes:

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

* Three credit hours will count for this requirement. Additional credit hours may be substituted for Field Requirements, with departmental approval.

** Three credit hours will count for this requirement. Additional credit hours cannot be substituted for Field Requirements, but will count toward degree completion.

*** Three credit hours will count for this requirement. Additional credit hours cannot be substituted for Field Requirements, but will be included in computing the major g.p.a.

Students enrolled in Honors Independent Study must be enrolled in Political Science Departmental Honors.

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 2001 - Introduction to Research Methods in Political Science. Credits: 1
- 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
  (See Footnote *)
- PLS 4555 - Honors Research. Credits: 3
  (See Footnote **)
- PLS 4644 - Honors Thesis. Credits: 3
  (See Footnote **)

And Political Science 5000 through 5499 Graduate Seminar. Credits: 3

The graduate seminar required of honors students may count toward a field elective or a field requirement in the major with the prior approval of the Departmental Chairperson and the Departmental Honors Coordinator.

Footnotes:

* Honors Independent Study counts towards the "Applied Political Science Experience."
** Honors Research and Honors Thesis may count towards the 12 hours of field electives in the major.

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.

Department of Psychology

Department Faculty

John Mace, *Chairperson*

Allan, W.; Addison, W.; Bernas, R.; Best, J.; Brito, C.; Canivez, G.; Floress, M.; Gruber, R.; Haile Mariam, A.; Hanft, M.; Longley, S.; Scher, S.; Schoonover, C; Sharma, A.; Stowell, J.; Williams, J.; Wilson, K.

Department Telephone: 217.581.2127

Psychology (B.A.)

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

AND

One of the following courses to meet the capstone requirement[1]:

- PSY 4100A - Supervised Research in Psychology. Credits: 1 to 6
  or PSY 4100B or PSY 4100D or PSY 4100E
- PSY 4250 - History and Systems. Credits: 3
- PSY 4260 - Crisis Intervention. Credits: 3
- PSY 4270 - Theories of Psychotherapy. Credits: 3
- PSY 4515 - Children with Exceptionalities. Credits: 3
- PSY 4590 - Psychology Seminar. Credits: 3
- PSY 4644 - Honors Thesis. Credits: 3
- PSY 4666 - Honors Seminar. Credits: 3
- PSY 4700 - Prejudice and Discrimination. Credits: 3

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. Biopsychology 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: Six semester hours from any Psychology Courses[2] except Psychology 4274 and 4275.

Footnotes:

[1] Capstone Requirement: Graduation with a major in psychology requires the completion of a capstone experience entailing four components:

1. Oral presentation of information about psychology
2. Engagement with original primary literature in psychology
3. Written communication of information about psychology
4. Critical and integrative thinking about psychology

The capstone requirement must be met after the student has completed 90 semester hours and PSY 3805 - Research Methods and Experimental Design, with a grade of C or better.

The capstone requirement may also be met by completing individual components in other classes, or by non-class activities. In-class activities must be approved as capstone components ahead of time by the class instructor. Other activities must have the approval of the department chair. See the Psychology Department website (http://www.eiu.edu/~psych) for examples of activities that may qualify as components of the capstone requirement.

[2] No more than 3 semester hours each of PSY 3900A-E or PSY 4100A-E may count toward this requirement.

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

Goals of the Psychology Minor:

1. Expose students to the major content domains of psychology.
2. Provide an opportunity for students to meet their educational or career goals.

Requirements

A grade of C or better is required in all courses counting towards the minor.

Total Semester Hours: 18

PSY 1879G

- PSY 1879G - Introductory Psychology. Credits: 3

And two courses (6 credits) from the following list (courses have to be from two different groups):

Group A. Abnormal/Social Group:

- PSY 3590 - Theories of Personality. Credits: 3
- PSY 3780 - Abnormal Psychology. Credits: 3
- PSY 3870 - Social Psychology. Credits: 3

Group B. Biopsychology Group:

- PSY 3310 - Biological Psychology. Credits: 3
- PSY 3680 - Sensation and Perception. Credits: 3

Group C. Cognitive/Learning Group:

- PSY 3620 - Psychology of Learning. Credits: 3
- PSY 3830 - Cognitive Processes. Credits: 3

Group D. Developmental Group:

- 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

And 9 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. Electives may be chosen from the groups listed above or from the electives for the major.

Science with Teacher Certification

Science with Teacher Certification (B.S.)

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 courses used toward graduation, regardless of where they are taken. This includes general education, professional education, major and minor courses, all university required courses, and electives. Students must 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). 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. 77 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 3120 - Molecular and Cellular Biology. Credits: 4
- 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
- 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.)

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: 0
- 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 1055G - Principles of Astronomy. Credits: 3
- PHY 1056G - Principles of Astronomy Laboratory. Credits: 1
- 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

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 BS in 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 3500A - Laboratory Practicum A. Credits: 1
  or PHY 3500B or PHY3500D
- 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 Studies Program

Bonnie Laughlin-Schulz, *Chairperson*
Department Telephone: 217.581.6362

Social Science Teaching (B.A.)

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 major grade point average of 3.0 or higher and a cumulative 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

1. 40 hours of general education
2. 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
3. 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 courses used toward graduation, regardless of where they are taken. This includes general education, professional education, major and minor courses, all university required courses, and electives. Students must 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 coursework, and maintain a minimum cumulative GPA of 2.75 and major GPA of 3.00, 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
- 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 1838G - 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. a grade of C or higher in each course that applies to the 72-80 semester hours of courses required, regardless of where taken;
b. a major grade-point average of at least 3.00 and cumulative grade-point average of at least 2.75 in all courses attempted at EIU;
c. 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:

73 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 2001 - Introduction to Research Methods in Political Science. Credits: 1
- 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 1838G - 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. a grade of C or higher in each course that applies to the 72-80 semester hours of courses required, regardless of where taken;
b. a major grade-point average of at least 3.0 and cumulative grade-point average of at least 2.75 in all courses attempted at EIU;
c. 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 1838G - 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. a grade of C or higher in each course that applies to the 72-80 semester hours of courses required, regardless of where taken;
b. a major grade-point average of at least 3.0 and cumulative grade-point average of at least 2.75 in all courses attempted at EIU;
c. 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 1838G - 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 3050 - Sociological 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. a grade of C or higher in each course that applies to the 72-80 semester hours of courses required, regardless of where taken;

b. a major grade-point average of at least 3.0 and cumulative grade-point average of at least 2.75 in all courses attempted at EIU;
c. 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.

Department of Sociology & Anthropology

Department Faculty

Craig Eckert, *Chairperson*

Benedict, W.R.; Bass, K.; Best, C.; Cunningham, D.; Cunningham, R.; Deerman, E.; Eckert, C.; Gillespie, M.; Glaros, A.; Hendrickson, D.; Holly, D.; Lovekamp, W.; New-Freeland, L.; Woodley, V.

Department Telephone: 217.581.3123

Sociology (B.A.)

Total Semester Hours: 44

Core Requirements

- ANT 2200G - Introduction to Anthropology. Credits: 3
- SOC 1838G - Introductory Sociology. Credits: 3
- SOC 2000 - Sociology Professional Seminar. Credits: 1
- SOC 2721 - Social Stratification. Credits: 3
- SOC 3050 - Sociological Theory. Credits: 3
- SOC 3620 - Research Methods for Collecting Social Data. Credits: 3
- SOC 3630 - Statistical Analysis of Social Data. Credits: 4
- SOC 4900 - Current Issues in Sociology. Credits: 3

And 21 s.h. of SOC Electives

(exclusive of internship courses) 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. (See footnote 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 with Ph.D. completed and one year teaching experience at EIU 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: 18

3 semester hours in:

- SOC 1838G - Introductory Sociology. Credits: 3

AND

15 semester hours of electives in Sociology (exclusive of of internship courses and 3970), of which at least 9 hours must be courses numbered 3000 or above, selected in consultation with a Sociology advisor of the student's choosing.

Interdisciplinary Programs

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

- AET 1363 - Graphic Communication Technologies. Credits: 3
- AET 3343 - Digital Media Technologies. Credits: 3
- BUS 3470 - Principles of Marketing. Credits: 3
- CMN 3100 - Persuasion. Credits: 3
- CMN 3940 - Advertising: Theory and Practice. Credits: 3

Electives - Total Semester Hours: 12

(Students with a major in AET, CMN, or MAR may not take more than 6 elective hours from their major area):

- AET 2123 - Digital Photography and Imaging. Credits: 3
- AET 4353 - Print and Digital Media Production. Credits: 3
- AET 4813 - Advanced Digital Media Technologies. Credits: 3
- BUS 2750 - Legal and Social Environment of Business. Credits: 3
  (See footnote *)
- CMN 2020 - Communication Research Methods. Credits: 3
  or MAR 3860
- CMN 2550 - Broadcast Announcing. Credits: 3
- CMN 3520 - Radio Production. Credits: 3
- CMN 3540 - Videography. 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 4500A - Topics in Electronic Media Production I. Credits: 3
  or CMN 4500B or CMN 4500D or CMN 4500E
- 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
  (See footnote *)
- MAR 3780 - Promotion Management. Credits: 3
  (See footnote *)
- MAR 3860 - Marketing Research. Credits: 3
  or CMN 2020
  (See footnote *)
- MIS 3530 - Business Web Site Design. Credits: 3
  (See footnote *)

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.

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 Preliterate 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 3960A, B, D-F, H-M, O-R, T-X, Y, or Z
- ANT 3970 - Study Abroad. Credits: 1 to 15
- ANT 4511 - Comparative Economic Systems. Credits: 3
  (cross listed with ECN 4511)
- ANT 44001 - Independent Study I. Credits: 1 to 3
  or ANT 44002 or ANT 44003 or ANT 44004 or ANT 44005 or ANT 44006

And

Six semester hours from:

- 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
- 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 3070 - Geography and Culture of Middle America. Credits: 3
- GEG 3080 - Geography and Culture of South 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 3810 - Geographic Information Systems I. Credits: 3
- GEG 3860 - Geographic Information Systems II. 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 - Islamic History. Credits: 3
- HIS 3210 - History of the Modern Middle East. Credits: 3
- HIS 3250 - African History from 1400. 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 3530 - Medieval Archaeology and Cultural Heritage in Europe. Credits: 4
(cross listed with ESC 3530)
- 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 3630 - Statistical Analysis of Social Data. Credits: 4

Footnote:

Check course descriptions for prerequisites.

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.

- HIS 5400 - Seminar in European History. Credits: 1 to 3. (See footnote *)
- ART 2012G - Nonwestern Fine Arts. Credits: 3
(See Footnote *)
- ART 3611G - Art in India and Southeast Asia. Credits: 3
- ART 3612G - Art in China and Japan. Credits: 3
- ART 4400 - Independent Study I. Credits: 1 to 3
(See footnote *)
- ECN 4875 - Area Studies. Credits: 3
(See footnote *)
- ENG 3009G - Myth and Culture. Credits: 3
(See footnote *)
- ENG 3110G - Cultural Foundations II. Credits: 3
(cross listed with PHI 3110G)
- ENG 3907 - Asian Literatures. Credits: 3
- ENG 4850 - Studies in Third World Literatures. Credits: 3
(See footnote *)
- FLC 1101 - Elementary Chinese I. Credits: 4
- FLC 1102 - Elementary Chinese II. Credits: 4
- GEG 3055 - Geography and Culture of Asia. Credits: 3
- HIS 3320 - History of Modern China. Credits: 3
- HIS 3330 - Modern East Asia in the Pacific Century. Credits: 3
- HIS 44001 - Independent Study in History I. Credits: 1 to 4
or HIS 44002
(See footnote *)
- HIS 4775A - Selected Topics in History A. Credits: 2 to 3
or HIS 4775B
(See footnote *)
- HIS 4870 - The Two Koreas. Credits: 3
- HIS 4880 - Modern Japan: From Samurai to Freeters. Credits: 3
- HIS 4980 - The Vietnam War: An American and Vietnamese Ordeal. Credits: 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 4400A - Independent Study I. Credits: 1 to 6
or PHI 4400B or PHI 4400D
(See footnote *)
- PLS 3363 - Government and Politics in Asia-Pacific Rim. Credits: 3
- PLS 3863 - Special Topics in Political Science. Credits: 3
(See footnote *)
- PLS 4503 - Independent Study. Credits: 1 to 6
(See footnote *)
- STA 3960 - Study Abroad: Exchange. Credits: 1 to 16
(See footnote *)
- STA 3961 - Study Abroad: One-Way. Credits: 1 to 16
(See footnote *)
- STA 3970 - Study Abroad: Faculty-Led. Credits: 1 to 16
(See footnote *)
- WST 4800 - Non-western Feminisms: Gender, Culture, and Nation. Credits: 3
(See footnote *)

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

19 Semester Hours of Required Coursework

- CMN 2525 - Studio Production. Credits: 3
- CMN 2550 - Broadcast Announcing. Credits: 3
  or CMN 2030
- CMN 2575 - Field Production. Credits: 3
- ESC 1400G - Weather and Climate. Credits: 4
- ESC 3400 - Broadcast Meteorology Practicum. Credits: 3
  or GEG 3400
- ESC 3410 - Climatology. Credits: 3

CMN Electives

Select 3 semester hours from the following:

- CMN 3540 - Videography. Credits: 3
- CMN 3610 - Broadcast News. Credits: 3
  or JOU 3610
- CMN 3750 - Computer Mediated Communication I. Credits: 3
- CMN 42751 - Internship I. Credits: 1 to 12
  or CMN 42752 or CMN 42753 or CMN 42754
  (See Footnote 1)
- CMN 4500A - Topics in Electronic Media Production I. Credits: 3
  or CMN 4500B or CMN 4500D or CMN 4500E
- CMN 4540 - Advanced Video Production. Credits: 3

ESC Electives

Select 3 semester hours from the following:

- ESC 2450G - Oceanography. Credits: 3
- ESC 3010G - Environmental Physical Sciences. Credits: 3
- ESC 3415 - The Restless Atmosphere. Credits: 3
  or GEG 3415
- ESC 3550 - Surface Water Processes and Resources. Credits: 3
- ESC 39601 - Special Topics I. Credits: 1 to 4
  or ESC 39602 or ESC 39603
  (See Footnote 2)
- ESC 44001 - Independent Study I. Credits: 1
  or ESC 44002 or ESC 44003
  (See Footnote 2
- GEG 3500 - Climate, Environment and History Since the last Ice Age. Credits: 3
  or HIS 3500

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
  Or PLS 3513 - Politics and the Legal Process
  Or PLS 3523 - Criminal Law
- SOC 2761 - Introduction to Criminology. Credits: 3
  (See Footnote *)

AND

Criminal Justice Option

Any 4 of the following courses:

- PLS 3523 - Criminal Law. Credits: 3
  Or PLS 3513 - Politics and the Legal Process
  Or PLS 3543 - Civil Liberties in America
  (See Footnote **)
- PSY 3780 - Abnormal Psychology. Credits: 3
  (See Footnote *)
- 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
  (See Footnote *)
- SOC 4750 - Sociological Analysis of Juvenile Delinquency. Credits: 3
  (See Footnote *)
- SOC 4790 - The Correctional Process: A Sociological Analysis. Credits: 3
  (See Footnote *)

OR

Criminal Administration Option

Any 4 of the following courses:

- BUS 2750 - Legal and Social Environment of Business. Credits: 3
  (See Footnote *)
- ECN 4850 - Economic Analysis of Law. Credits: 3
  (See Footnote *)
- PLS 3413 - Introduction to Public Administration. Credits: 3
  (See Footnote *)
- PLS 3513 - Politics and the Legal Process. Credits: 3
  Or PLS 3523 - Criminal Law
  Or PLS 3543 - Civil Liberties in America
  (See Footnote **)
- PLS 3903 - Gender, Public Policy and the Law. Credits: 3
- PLS 4793 - Public Organization Theory. Credits: 3
  (See Footnote *)
- PLS 4853 - Contemporary Constitutional Development. Credits: 3
  (See Footnote *)
- PLS 4873 - Human Resource Management in Government. Credits: 3
  (See Footnote *)
- PLS 4893 - Government Budgeting and Politics. Credits: 3
  (See Footnote *)
- PSY 3780 - Abnormal Psychology. Credits: 3
  (See Footnote *)
- SOC 3770 - Sociological Analysis of Crime and Criminal Justice System. Credits: 3
  (See Footnote *)

Footnote:

*prerequisite required; see course description.

**Criminal Justice and Criminal Administration Option students may not double count PLS 3513 (Politics and the Legal Process), PLS 3523 (Criminal Law) or PLS 3543 (Civil Liberties in America) for Option elective requirements if the course is taken to meet the Minor's Core Requirements.

Environmental Studies Minor

The interdisciplinary minor in environmental studies draws upon five disciplines in the core to address environmental issues from their unique perspectives, enabling students to gain a genuinely broad, multi-disciplinary comprehension. Double counting coursework in concert with students' majors and other minors is permitted by the minor in environment studies. Only two courses have prerequisites for courses, both an introductory level course, and one of those may be waived by the instructor.

Total Semester Hours: 21

Required Courses (15 hours)

- BIO 2002G - Environmental Life Sciences. Credits: 3
  OR BIO 3850 - Environmental Biology. Credits: 3
- ECN 3810 - Economics of Natural Resources. Credits: 3
- ESC 3200 - Human Impacts on the Environment. Credits: 3
  OR GEG 3200 - Human Impacts on the Environment. Credits: 3
- PLS 3763 - Environmental Politics and Policy. Credits: 3
- SOC 3820 - Environmental Sociology. Credits: 3

Elective Courses (6 hours)

- BIO 3800 - Ecology. Credits: 4
- BIO 4814 - Conservation Biology. Credits: 3
- CSC 3100 - Global Threats and Problems. Credits: 3
  (Cross listed with ECN 3100, GEG 3100, PLS 3100, SOC 3100)
- EIU 4101G - Spaceship Earth: The Present State. Credits: 3
- EIU 4111G - Plants and Civilizations. Credits: 3
- ESC 2450G - Oceanography. Credits: 3
  OR GEL 2450G - Oceanography. Credits: 3
- ESC 3010G - Environmental Physical Sciences. Credits: 3
- GEG 3020 - Natural Disasters: Causes and Effects. Credits: 3
- GEG 3750 - Population Geography. Credits: 3
- SOC 3622 - Population. Credits: 3
- SOC 4240 - Sociology of Disasters. Credits: 3

Environmental Sustainability Minor

This minor provides students with the skill set needed to be competitive in a job market focused on the applications of environmental sustainability. Students will take courses in alternative energies and sustainability as well as biogeochemical aspects of environmental sustainability. The minor also provides examples of the applications of environmental sustainability to various social systems. Existing prerequisites for courses must be satisfied.

Total Semester Hours: 18

A. Six semester hours in:

- AET 3253 - Energy Technology. Credits: 3
- AET 3453 - Alternative and Renewable Energy Systems. Credits: 3
- AET 4453 - Sustainability Topics in Energy. Credits: 3
- AET 4873 - Current Trends in Energy Technology. Credits: 3

B. Six semester hours, from two different departments (note: GEG & GEL are the same department)

- BIO 3850 - Environmental Biology. Credits: 3
- BIO 4820 - Spatial Analysis for Environmental Sciences. Credits: 4
- CHM 4750 - Environmental Chemistry. Credits: 3
- GEG 3320 - Natural Resource Conservation. Credits: 3
- GEG 3330 - Agricultural Geography. Credits: 3
- GEL 4850 (4335) - Environmental Geology. Credits: 3

C. Six semester hours, from two different departments (at least one of which is ECN or PLS)

- ECN 2800G - Economics of Social Issues. Credits: 3
  or ECN 3810 - Economics of Natural Resources
- GEG 3200 - Human Impacts on the Environment. Credits: 3
  (cross listed with ESC 3200)
- PLS 3763 - Environmental Politics and Policy. Credits: 3
- SOC 3622 - Population. Credits: 3
- SOC 3820 - Environmental Sociology. Credits: 3

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. Up to two courses in the film studies minor can be double counted in a student's major. Coursework may also include Honors Program course equivalents. Existing prerequisites for all courses must be satisfied. Including required courses, students may count no more than two 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 2575 - Field Production. Credits: 3
- CMN 3540 - Videography. Credits: 3
- CMN 4030A - Seminar I. Credits: 3
  or CMN 4030B or CMN 4030D or CMN 4030E
  (See Footnote *)
- CMN 4500A - Topics in Electronic Media Production I. Credits: 3
  or CMN 4500B or CMN 4500D or CMN 4500E
  (See Footnote *)
- 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 2005 - Creative Writing: Drama. Credits: 3
- ENG 3604A - Special Topics in Literature and Language. Credits: 3
  or ENG 3604B or ENG 3604D or ENG 3604E
  (See Footnote *)
- ENG 4764 - Play Writing. Credits: 3
- ENG 4904 - Studies in Film. Credits: 3
- THA 3754G - American Theatre on Film. Credits: 3

Footnote:

*With the permission of the Film Studies Advisor

Geographic Information Sciences Minor

This minor provides students with an integrated program of study that allows them to acquire the fundamentals of current mapping methodologies. With diverse needs for precise, timely acquisition of spatial data, its analysis and cartographic presentation, the curriculum allows students to complement their majors by using current, standard mapping equipment, software and hardware.

Total Semester Hours: 18

A. Six semester hours in:

- GEG 3810 - Geographic Information Systems I. Credits: 3
- GEG 3860 - Geographic Information Systems II. Credits: 3

B. Three semester hours from:

- GEG 3800 - Introduction to Cartography. Credits: 3
- GEG 3820 - Remote Sensing I. Credits: 3

C. Nine additional semester hours from some combination of:

One of the following:

- ESC 42751 - Internship in Earth Science I. Credits: 1 to 6
  or ESC 42752 or ESC 42753
  (See Footnote *)
- ESC 44001 - Independent Study I. Credits: 1
  or ESC 44002 or ESC 44003
  (See Footnote *)
- ESC 44301 - Undergraduate Research in Earth Science I. Credits: 1
  or ESC 44302 or ESC 44303
  (See Footnote *)
- GEG 3600 - Economic Geography. Credits: 3
- GEG 3750 - Population Geography. Credits: 3
- GEG 3775 - Urban Geography. Credits: 3
- GEG 3780 - Land Use Planning. Credits: 3
- GEG 42751 - Internship in Geography I. Credits: 1 to 6
  or GEG 42752 or GEG 42753
  (See Footnote *)
- GEG 44001 - Independent Study I. Credits: 1
  or GEG 44002 or GEG 44003
  (See Footnote *)
- GEG 44301 - Undergraduate Research in Geography I. Credits: 1
  or GEG 44302 or GEG 44303
  (See Footnote *)
- GEL 42751 - Internship in Geology I. Credits: 1 to 6
  or GEL 42752 or GEL 42753
  (See Footnote *)
- GEL 44001 - Independent Study I. Credits: 1
  or GEL 44002 or GEL 44003
  (See Footnote *)
- GEL 44301 - Undergraduate Research in Geology I. Credits: 1
  or GEL 44002 or GEL 44003
  (See Footnote *)

AND

- BIO 5380 - Landscape Ecology. Credits: 3 (See Footnote **) (See the Graduate Catalog for the course description)
- BIO 3451A - Undergraduate Research I. Credits: 1 to 3
  or BIO 3451B
  (See Footnote **)
- BIO 4820 - Spatial Analysis for Environmental Sciences. Credits: 4
  (See Footnote **)
- BIO 4840 - Resource Management and Environmental Assessment Credits: 3
  (See Footnote **)
- ESC 3010G - Environmental Physical Sciences. Credits: 3
- ESC 3410 - Climatology. Credits: 3
- ESC 3550 - Surface Water Processes and Resources. Credits: 3
- GEG 3800 - Introduction to Cartography. Credits: 3
  (If not taken above in B)
- GEG 3820 - Remote Sensing I. Credits: 3
  (If not taken above in B)
- GEG 3855 - Computer Mapping. Credits: 3
- GEG 3865 - Advanced Cartography. Credits: 3
- GEG 3870 - Remote Sensing II. Credits: 3
- GEL 3430 - Structural Geology. Credits: 3
- GEL 3440 - Tectonics. Credits: 3
- GEL 3470 - Seminar. Credits: 1 to 3
  (See Footnote ***)
- PLS 3413 - Introduction to Public Administration. Credits: 3
- PLS 4793 - Public Organization Theory. Credits: 3
- PLS 4893 - Government Budgeting and Politics. Credits: 3
- SOC 3622 - Population. Credits: 3
- SOC 3660 - Social Organization. Credits: 3
- SOC 4240 - Sociology of Disasters. Credits: 3

Footnotes:

* Must contain a GISci component approved by the course instructor and student's advisor.

** Biology majors **must** take at least 6 semester hours from the selection of BIO courses.

*** Must be Planetary Geology seminar.

(Geography majors **must** take at least 3 semester hours from courses listed other than GEG courses)

Health Communication Minor

Total Hours: 21

Curriculum includes 6 hours of core curriculum, and 15 hours of electives. Electives must include a minimum of 6 hours from the Communication Studies list, as well as a minimum of 6 hours from the Health Studies list. The remaining 3 hours may be selected from any of the approved elective courses.

Core Courses:

- 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)

Approved Electives:

Communication Studies (select 6-9 semester hours)

- CMN 2630 - Introduction to Interpersonal Communication. Credits: 3
- CMN 2650 - Introduction to Organizational Communication. Credits: 3
- CMN 2920 - Introduction to Public Relations. Credits: 3
- CMN 3100 - Persuasion. Credits: 3
- CMN 3300 - Interviewing. Credits: 3
- CMN 3470 - Small Group Communication. Credits: 3
- CMN 3650 - Communication in Organizations. Credits: 3
- CMN 3710 - Intercultural Communication. Credits: 3
- CMN 3950 - Conferences and Event Planning. Credits: 3
- CMN 3960 - Advocacy and Message and Design. Credits: 3
- CMN 4765 - Communication in Families. Credits: 3

Health Studies (select 6-9 hours)

- HST 2270 - Community Health. Credits: 3
- HST 2600 - International Health Issues. Credits: 3
- HST 2700 - Marketing Concepts for Health Promotion Professionals. Credits: 3
- HST 2900 - Human Diseases. Credits: 3
- HST 3100 - Disasters and Public Health: Planning and Response. Credits: 3
- HST 3500 - Human Sexuality. Credits: 3
- HST 3560 - Women's Health. 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 4770 - Health Services Administration. Credits: 3
- HST 4800 - Drugs and Society. Credits: 3
- HST 4890 - Health and Aging. Credits: 3

Additional Electives (select 0-3 hours)

- ECN 2800G - Economics of Social Issues. Credits: 3
- ECN 3875 - Health Economics. Credits: 3
- FCS 1800 - Life Span Human Development. Credits: 3
- FCS 2100 - Nutrition in a Global Society. Credits: 3
- FCS 2800 - Family Relationships. Credits: 3
- FCS 2831 - Women in Contemporary Society. Credits: 3
- FCS 2850 - Child Development. Credits: 3
- FCS 3820 - The Family in Social Change. Credits: 2
- JOU 3820 - Publicity Methods. Credits: 3
- NUR 3203 - Medical Terminology. Credits: 3
- PSY 1879G - Introductory Psychology. Credits: 3
- PSY 1890G - Introductory Psychology, Honors. Credits: 3
- PSY 3260 - Models of Group Therapy. Credits: 3
- 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
- PSY 3530 - Industrial/Organizational Psychology. Credits: 3
- PSY 3590 - Theories of Personality. Credits: 3
- PSY 3690 - Controversial Topics in Psychology. Credits: 3
- PSY 3765 - Methods in Behavioral Management. Credits: 3
- PSY 3780 - Abnormal Psychology. Credits: 3
- PSY 3870 - Social Psychology. Credits: 3
- PSY 4260 - Crisis Intervention. Credits: 3
- SOC 4820 - Sociology of Health and Health Care. Credits: 3

Latin American Studies Minor

The interdisciplinary Latin American Studies minor consists of elective courses in the culture and society of Latin America, and intermediate Spanish language courses. Students may “double count” coursework, and also use courses for the Latin American Studies minor towards other academic programs.

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 single department:

- ANT 3602 - Peoples and Cultures of South America. Credits: 3
- ECN 4861 - International Economic Problems. Credits: 3
  (See footnote *)
- ECN 4875 - Area Studies. Credits: 3
  (See footnote *)
- ENG 4850 - Studies in Third World Literatures. Credits: 3
  (See footnote *)
- ESC 44001 - Independent Study I. Credits: 1
  or ESC 44002 or ESC 44003
  (See footnote *)
- ESC 44301 - Undergraduate Research in Earth Science I. Credits: 1
  or ESC 44002 or ESC 44003
  (See footnote *)
- FLS 3201 - Business Spanish. Credits: 3
- FLS 3250 - Introduction to Hispanic Literary Analysis. Credits: 3
  (See footnote *)
- FLS 3300 - Hispanic Cinema. Credits: 3
  (See footnote *)
- FLS 3520 - Introduction to Modern Spanish American Literature. Credits: 3
- FLS 3530 - Spanish American Women’s Novel. Credits: 3
- FLS 3540 - Race and Gender in Spanish American Literature. Credits: 3
- FLS 3550 - Contemporary Latin American Drama. Credits: 3
- FLS 3970 - Study Abroad. Credits: 1 to 15
  (See footnote *)
- FLS 4275A - Internship. Credits: 1 to 4
  or FLS 4275B
  (See footnote *)

- FLS 4320 - Civilization and Culture of Spanish America. Credits: 3
- FLS 44001 - Independent Study I. Credits: 1 to 3
  or FLS 44002 or FLS 44003
  (See footnote *)
- FLS 4520 - Survey of Early Spanish American Literature. Credits: 3
- FLS 4645A - Topics in Hispanic Culture. Credits: 3
  or FLS 4645B
  (See footnote *)
- FLS 4650A - Topics in Hispanic Literature. Credits: 3
  or FLS 4650B
  (See footnote *)
- GEG 3070 - Geography and Culture of Middle America. Credits: 3
- GEG 3080 - Geography and Culture of South America. Credits: 3
- GEG 3970 - Study Abroad. Credits: 1 to 15
  (See footnote *)
- GEG 44001 - Independent Study I. Credits: 1
  or GEG 44002 or GEG 44003
  (See footnote *)
- GEG 44301 - Undergraduate Research in Geography I. Credits: 1
  or GEG 44302 or GEG 44303
  (See footnote *)
- 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 Developing World. Credits: 3
  (See footnote *)
- STA 3960 - Study Abroad: Exchange. Credits: 1 to 16
  (See footnote *)
  (only when in Latin America)

Footnotes:

*Courses must be approved by the Latin American Studies Minor Committee for any given semester. The program requires that at least 50% of the course syllabus be based on Latin America. Interested students should see the coordinator for Latin American Studies in order to count these courses towards the minor.

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

- ENG 5001
  (See the Graduate Catalog for the course description)
- HIS 5400(See footnote *)
  (See the Graduate Catalog for the course description)
- 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
  (See footnote *)
- ENG 3800 - Medieval British Literature. Credits: 3
- ENG 3801 - Chaucer. Credits: 3
- ENG 3903 - Women, Literature, and Language. Credits: 3
  (See footnote *)
- ENG 4300 - Senior Seminar. Credits: 3
  (See footnote *)
- ENG 4390 - Senior Seminar, Honors. Credits: 3
  (See footnote *)
- ENG 4901 - History of the English Language. Credits: 3
- 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
- MUS 3586 - History and Literature of Music III. Credits: 3
- MUS 4444 - Honors Independent Study. Credits: 1 to 3
  (See footnote *)
- MUS 4555 - Honors Research. Credits: 1 to 3
  (See footnote *)
- MUS 4600A - Independent Study I. Credits: 1 to 3
  or MUS 4600B or MUS 4600D
  (See footnote *)
- MUS 4644 - Honors Thesis. Credits: 1 to 3
  (See footnote *)
- MUS 4666 - Honors Seminar. Credits: 3
  (See footnote *)
- MUS 4870 - Style Period Proseminar. Credits: 3
  (See footnote *)
- PHI 2000 - Ancient Philosophy. Credits: 3
- PHI 3220 - Medieval Philosophy. Credits: 3
- PHI 3980 - Special Topics in Philosophy. Credits: 3
  (See footnote *)
- PHI 4400A - Independent Study I. Credits: 1 to 6
  or PHI 4400B or PHI 4400D
  (See footnote *)
- PHI 4444 - Honors Independent Study. Credits: 3
  (See footnote *)
- PHI 4480 - Seminar. Credits: 3
  (See footnote *)
- PHI 4666 - Honors Seminar. Credits: 3
  (See footnote *)

Footnotes:

* Courses must be approved by the Committee for Medieval Studies for that semester

Neuroscience Minor

The interdisciplinary neuroscience minor involves the study of brain theory and research, psychological theory and research, philosophy of mind and consciousness, and mathematical modeling of brain and cognitive processes to understand the role that the brain plays in mental and behavioral phenomena.

The interdisciplinary neuroscience minor is composed of courses in biological sciences, communication disorders & sciences, mathematics and computer sciences, psychology, and philosophy. Courses may be double counted for the respective major and the minor. Existing prerequisites for courses must be satisfied.

Requirements:

The minor includes 3 required courses (9 hours), another course from the first group of electives (2-3 hours), and 9 hours from the last group of electives, for a total of 20-21 hours for the minor.

Required Courses (9 Hours)

- PHI 3540 - Philosophy of Mind. Credits: 3
- PSY 3310 - Biological Psychology. Credits: 3
- PSY 3820 - Cognitive Neuroscience. Credits: 3

One course from the following group of electives (2-3 Hours)

- BIO 4834 - Neurobiology. Credits: 3
- CDS 3500 - Neurological/Embryological Aspects of Communication. Credits: 3
- MAT 3800 - Seminar in Mathematics. Credits: 2
  (Allowed when title is either Neural Networks or Artificial Intelligence)
- PSY 3830 - Cognitive Processes. Credits: 3

Nine hours from the following group of electives; No more than 2 courses from one discipline

- BIO 5406 - Endocrinology. Credits: 4
- CDS 5400 - Special Topics. Credits: 2(Allowed when title is Executive Functions)
- BIO 3120 - Molecular and Cellular Biology. Credits: 4
- BIO 3200 - Genetics. Credits: 4
- BIO 4832 - Animal Behavior. Credits: 4
- BIO 4834 - Neurobiology. Credits: 3
- CDS 2500 - Anatomy and Physiology of the Speech, Language, Swallowing, and Hearing Mechanism. Credits: 3
- CDS 3500 - Neurological/Embryological Aspects of Communication. Credits: 3
- MAT 3800 - Seminar in Mathematics. Credits: 2
  (Allowed when title is either Neural Networks or Artificial Intelligence)
- MAT 4885 - Theory of Computation. Credits: 3
- PHI 3700G - Language and Human Nature. Credits: 3
- PHI 3780 - Philosophy of Science. Credits: 3
- PHI 3900 - Symbolic Logic. Credits: 3
- PSY 3680 - Sensation and Perception. Credits: 3
- PSY 3830 - Cognitive Processes. Credits: 3

Pre-Law Studies Minor

Total Hours: 21 Semester Hours

Required Courses -- 15 Semester Hours

- ENG 4760 - Studies in Professional Writing. Credits: 3
  (See footnote *)
- 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
  (See footnote *)
- PLS 3543 - Civil Liberties in America. Credits: 3
  (See footnote *)
- 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
  (See footnote *)
- JOU 4771 - Communication Law. Credits: 3
  (See footnote *)
- PLS 4774 - American Constitutional Law. Credits: 3
- PLS 4853 - Contemporary Constitutional Development. Credits: 3
  (See footnote *)

Elective Courses -- 6 Semester Hours

Any two of these courses:

- BUS 2101 - Financial Accounting. Credits: 3
  (See footnote *)
- BUS 2750 - Legal and Social Environment of Business. Credits: 3
  (See footnote *)
- CMN 3100 - Persuasion. Credits: 3
- ECN 2802G - Principles of Microeconomics. Credits: 3
  (See footnote *)
- ECN 4850 - Economic Analysis of Law. Credits: 3
  (See footnote *)
- ENG 3001 - Advanced Composition. Credits: 3
  (See footnote *)
- HIS 3100 - History of England, 1066-1688. Credits: 3
- PHI 3720 - Theory of Knowledge. Credits: 3
  (See footnote *)
- PLS 3513 - Politics and the Legal Process. Credits: 3
  (See footnote *)
- PLS 4903 - Classic Political Theory. Credits: 3
  (See footnote *)
- PLS 4913 - Contemporary Political Theory. Credits: 3
  (See footnote *)
- SOC 2750G - Social Problems in Contemporary Society. Credits: 3

Footnote:

* Courses with prerequisites.

Print and Textile Design 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:

- AET 1363 - Graphic Communication Technologies. Credits: 3
- AET 3343 - Digital Media Technologies. Credits: 3
- 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

Electives

Select 9 semester hours from the following:

- AET 2123 - Digital Photography and Imaging. Credits: 3
- AET 4000 - Undergraduate Research. Credits: 1 to 6
- AET 4353 - Print and Digital Media Production. Credits: 3
- AET 4813 - Advanced Digital Media Technologies. Credits: 3
- AET 4863 - Packaging Technologies. Credits: 3
- AET 4953 - Color Management Technologies. Credits: 3
- 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

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: 24

Required Courses - Total Semester Hours: 15

- CMN 2920 - Introduction to Public Relations. Credits: 3
  or JOU 3920
- CMN 3100 - Persuasion. Credits: 3
- CMN 4920 - Case Studies in Public Relations Problems. Credits: 3
  or JOU 4920
- JOU 2101 - News Writing. Credits: 3
  ("B" or better in ENG 1001G or "C" in ENG 1001G & 1002G)
- JOU 3705 - Public Relations Writing Credits: 3
  or CMN 3960

Electives - Total Semester Hours: 9
(Selected from among the following in consultation with an advisor. Journalism and Communication Studies students can only take 3 hours from their home departments.)

- AET 2123 - Digital Photography and Imaging. Credits: 3
- AET 3343 - Digital Media Technologies. Credits: 3
  (AET 1363 prerequisite)
- BUS 3010 - Management and Organizational Behavior. Credits: 3
  (Junior standing prerequisite)
- BUS 3470 - Principles of Marketing. Credits: 3
  (Junior standing prerequisite)
- CMN 3230 - Advanced Public Speaking. Credits: 3
  (CMN 1310G prerequisite)
- CMN 3300 - Interviewing. Credits: 3
- CMN 3470 - Small Group Communication. Credits: 3
- CMN 3500 - Electronic Media Relations. Credits: 3
- CMN 3520 - Radio Production. Credits: 3
  (CMN 2550 prerequisite)
- CMN 3540 - Videography. Credits: 3
  (CMN 2525 or permission of instructor prerequisite)
- CMN 3610 - Broadcast News. Credits: 3
  or JOU 3610
  (CMN 2525 prerequisite)
- CMN 3620 - Advanced Broadcast News. Credits: 3
  or JOU 3620
  (CMN/JOU 3610 prerequisite)
- JOU 2901 - Introduction to Copy Editing. Credits: 3
  ("C" or better in JOU 2101 prerequisite)
- JOU 3000 - Advanced Reporting and Research. Credits: 3
  ("C" or better in JOU 2101 prerequisite)
- JOU 3102 - Feature Writing. Credits: 3
  ("C" or better in JOU 2101 prerequisite)
- JOU 4760 - Advanced Publication Design. Credits: 3
  ("C" or better in JOU 3300 or permission of instructor)
- JOU 4919 - Public Relations Techniques. Credits: 3
  (JOU 3920 and a grade of "C" or better in JOU 3300 prerequisites)

Religious Studies Minor

The interdisciplinary minor in Religious Studies draws upon six disciplines in its courses to address religious issues from their varying perspectives, enabling students to gain a genuinely broad understanding of the subject. Double-counting of coursework in concert with students' majors and other minors is permitted by the minor in Religious Studies.

Total Semester Hours: 18

Required Courses (6 Semester Hours):

- PHI 3600 - Philosophy of Religion. Credits: 3
- RLS 1200G - Introduction to Religious Studies. Credits: 3
  (or RLS 1290G)

Elective Courses (12 Semester Hours from two or more disciplines):

- ANT 3606 - Magic and Religion in Preliterate Societies. Credits: 3
- CMN 3240 - Religion in the American Public Sphere. Credits: 3
- ENG 2603 - Greek and Roman Mythology. Credits: 3
- ENG 3009G - Myth and Culture. Credits: 3
  (or ENG 3099G)
- ENG 3100G - Cultural Foundations I. Credits: 3
- ENG 3110G - Cultural Foundations II. Credits: 3
- ENG 3600 - The Bible as Literature. Credits: 3
- HIS 1500G - Roots of the Modern World: Society and Religion. Credits: 3
  (or HIS 1590G)
- HIS 3175 - History of Christianity. Credits: 3
- HIS 3200 - Islamic History. Credits: 3
- HIS 3700G - Turning Points in the History of Religion and Science. Credits: 3
  (or HIS 3790G)

- HIS 4785 - Crusade and Jihad: Religious Violence in the Islamo-Christian Tradition. Credits: 3
- PHI 2010 - Eastern Philosophies. Credits: 3
- PHI 3100G - Cultural Foundations I. Credits: 3
- PHI 3110G - Cultural Foundations II. Credits: 3
- PHI 3220 - Medieval Philosophy. Credits: 3
- PHI 3310 - Indian Philosophy. Credits: 3
- PHI 3320 - Chinese Philosophy. Credits: 3
- PHI 3680 - Buddhism. Credits: 3
- RLS 3900 - Special Topics in Religious Studies. Credits: 3

In addition:

Courses such as ANT 3960A-Z, ENG 3604A-E, PHI 3980, HIS 4775 and other "special topics" or similar courses with variable content may be counted towards fulfilling the elective requirement for the minor with approval by the Chair of the Religious Studies Minor committee.

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 students can use in educating themselves both in and out of college. Courses listed below are offered on a regular basis; these, as well as special topics courses, may be taken for credit toward the minor with permission of the Women's Studies Minor Coordinator. 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 Coordinator. The portfolio should consist of papers from no fewer than three WST or gender-related courses, including one paper from WST 4309, Feminist Theory. Once they decide upon the minor, students should contact the Women's Studies Minor Coordinator and declare the minor with their major advisor, as soon as possible. For more information about the Women's Studies Minor, please e-mail: wsminor@eiu.edu. Additional information about courses offered in the minor can be found on the Women's Studies Minor homepage: http://castle.eiu.edu/wsminor/minor.htm.

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 - Communication of Gender and the Body. 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
- HIS 4845 - Women and Gender in Modern Europe. Credits: 3
  (Cross-listed with WST 4845)
- 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
- WST 4800 - Non-western Feminisms: Gender, Culture, and Nation. Credits: 3
- WST 4845 - Women and Gender in Modern Europe. Credits: 3
  (Cross-listed with HIS 4845)

School of Continuing Education

Dean, **William Hine**

General Mission

The School of Continuing Education creates and delivers excellent student/consumer-sensitive programs through a wide variety of educational delivery systems. These outreach programs in a cost effective manner enhance opportunities for economic, educational, and professional development for individuals seeking to continue their education. Recognizing the rapidly changing educational needs of a global/lifelong learning society, the unit extends the academic resources and services of the University beyond campus boundaries in an affordable manner and provides access to on- and off-campus higher education programs for the nontraditional students. 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, Richland Community College in Decatur, Lake Land College in Mattoon and Kluthe Center in Effingham, the EIU Center at Parkland College (2400 W. Bradley, Room X107, Champaign, IL) in Champaign/Urbana and Triton College (2000 5th Ave, Bldg. A, Room 105, River Grove, IL), Multi-University Center at Oak Brook (1010 Jorie Blvd., Suite 200, Oak Brook, IL) and University Center at Lake County (1200 University Center Drive, Grayslake, IL). 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 the Admission Policies section of the catalog.)

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	UNDERGRADUATE	GRADUATE
(Per Semester Hour)	$9.95	$9.95

CONTINUING EDUCATION	UNDERGRADUATE	GRADUATE
(Per Semester Hour)	$44.00	$44.00

(Students should calculate tuition costs, textbook and continuing education fees.)

For information visit the School of Continuing Education website at http://www.eiu.edu/adulted/student_guidebook_11.php.

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/schedulehome.php. The summer schedule is also located in the university on campus class schedule.

Please address inquiries:

School of Continuing Education
Blair Hall
600 Lincoln Avenue
Eastern Illinois University
Charleston, IL 61920
or telephone (217)581-5114/email: offcampus@eiu.edu.

Web site: www.eiu.edu/adulted

Adult Degree Programs

Degree programs of particular interest to the adult nontraditional learner are Organizational and Professional Development, R.N. to B.S. in Nursing, and the Bachelor of Arts in General Studies.

Academy of Lifetime Learning

The Academy of Lifetime Learning is a learning community sponsored by the School of Continuing Education. The Academy provides low-cost, high-quality, noncredit courses to retirement-aged individuals in the area. The courses are offered at a reasonable cost and the program provides an opportunity for retired and semi-retired persons to enjoy a lifetime of learning in a relaxed atmosphere without the strain of having to do outside study, write papers or take tests. The program also offers opportunities for the development of relationships and networks among the retired community. For more information please contact the Academy of Lifetime Learning at 217-581-5114.

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 217-581-5116.

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/schedulehome.php.

General Studies Degree Program

General Studies (B.A.)

The School of Continuing Education Bachelor of Arts in General Studies Degree Program is an individualized, nontraditional program designed for working adults. 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/English
- 1 course in Cultural Diversity
- 1 Senior Seminar

In Addition Students Must:

- Complete BGS 2985, Adults in Transition **and** BGS 4001, Self-Directed Leadership;
- Demonstrate writing competency;
- Maintain a minimum 2.00 cumulative grade-point average.

Notes:

1. A student must be admitted to this program by the Director of the Bachelor of Arts in General Studies Degree Program.
2. 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.
3. After admission to the program, students may use no more than five (5) one-credit-hour courses towards their degree.

General Studies: Option in Child Care Education (B.A.)

The Option in Child Care Education (known for publicity purposes as the ABC/Alternative Bachelor's in Child Care) is a cooperative effort of the School of Family and Consumer Sciences, the School of Continuing Education, and selected community colleges. Designed for nontraditional students who require flexible access to courses, it includes 60 hours of coursework offered primarily on weekends.At the conclusion of their course of study, graduates are prepared to qualify for the Early Childhood Professional Level IV, as identified by the National Association for the Education of Young Children (NAEYC) and the Illinois Director Credential, as identified by the Illinois Network of Child Care Resource and Referral Agencies. The Option in Child Care Education meets the qualifications of the Illinois Director's Credential as an entitled program.

Criteria for Admission to the Option:

1. Admission to the University.
2. Admission to the BA in General Studies Program.
3. Completion of an associate's degree with a focus on Child Development/Education or a closely related field. Students completing associate degrees that do not meet the general education requirements of the BGS program may be required to complete additional coursework.
4. Documented employment of at least 30 hours per week in the child care field.

Option Requirements:

The option comprises a minimum of 60 hours of coursework, to include:

- Senior Seminar – Credits: 3
- Other courses needed to satisfy the core requirements of the BA in General Studies not met by the associate's degree.
- BGS 2985 - Adults in Transition. Credits: 2
- BGS 4001 - Self-Directed Leadership. Credits: 3
- FCS 1121 - Food Service Sanitation. Credits: 1
- FCS 3300 - Consumer Education. Credits: 3
- FCS 3800 - Family Life Sex Education. Credits: 3
- FCS 3810 - Child Care Issues. Credits: 1
- FCS 3812 - Nutrition Topics for Child Care Professionals. Credits: 2
- FCS 4240 - Child Advocacy. Credits: 1
- FCS 4242 - Computer Use For Childcare Administrators. Credits: 2
- FCS 4244 - Working with Families of Children Identified as Exceptional. Credits: 3
- FCS 4246 - Curriculum for Child Care Homes and Centers. Credits: 3
- FCS 4250 - Designing and Managing Learning Environments in Early Childhood Programs. Credits: 2
- FCS 4256 - Working with School-Age Care Programs. Credits: 3
- FCS 4262 - Discipline and Guidance of Young Children. Credits: 2
- FCS 4264 - Child Care Programs: Development and Grant Writing. Credits: 3
- FCS 4275 - Internship. Credits: 3 to 9
- FCS 4680 - Family Systems and their Impact on Child Care. Credits: 3
- FCS 4685 - Developing Cultural Awareness in Young Children. Credits: 3
- FCS 4686 - Activity Planning to Facilitate Brain Development and Concept Formation in Infant, Toddler, and Preschool Children. Credits: 3
- FCS 4845 - The Family in Crisis. 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

In Addition Students Must:

- Complete BGS 2985, Adults in Transition and BGS 4001, Self-DirectedLeadership (It is considered a capstone course and is strongly recommended);
- Demonstrate writing competency;
- Maintain a minimum 2.00 cumulative grade-point average.

Note:

A "C" or better is required in these courses.

Graduate School

Robert M. Augustine, *Dean*
Robert Chesnut, Director, *Research and Sponsored Programs*
William J. Elliott, *Assistant Dean for Graduate and International Admissions*
Kevin Vicker, Interim Director, *International Students and Scholars*
Wendy Williamson, Director, *Office of Study Abroad*

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 Students and Scholars, the Office of Research and Sponsored Programs, the Office of Study Abroad, 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://cashnetadmissionsp.eiu.edu/pls/PROD/bwskalog.P_DispLoginNon
- A printable application with fee payment of $30.00 via check is available at: http://www.eiu.edu/graduate/pdf/admissionform.pdf

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 Students and Scholars. 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: http://www.eiu.edu/apply.php
- A printable application with fee payment of $30.00 via check is available at: http://www.eiu.edu/interntl/docs/AdmissionApplication.pdf
- An application packet is available through the Office of International Students and Scholars. Request by calling or writing The Graduate School, Division of International Students and Scholars, 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 Clinical Mental Health or School
• Kinesiology and Sports Studies

Master of Science in Education
• Educational Leadership• Elementary Education
+ Certificate in Reading Instruction
• Master Teacher
• Special Education

Specialist in Education
• Educational Leadership

Lumpkin College of Business & Applied Sciences

Master of Arts
• Gerontology

Master of Business Administration
• MBA
+ MBA with Accountancy Concentration

Master of Science
• Dietetics
• Family & Consumer Sciences
• 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
+ Professional Science Masters in Geographic Information Services
+ 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
+ Certificate in Public Planning
+ 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/students_awards_competitivestudent.php.

Graduate School Research/Creative Activity Grants 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 Grants: Named in honor of a former Dean of the Graduate School, Dr. Larry Williams, Williams Travel Grants 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.

- Hamand Society Scholars: Named in honor of the first dean of The Graduate School, Dr. Lavern Hamand, the Hamand Society recognizes degree-seeking graduate candidates nominated from among the class of Distinguished Graduate Students whose achievements in both scholarship and service have had a documented impact on the discipline and the community. The quality and impact of the scholarship and service achievements of Hamand Society Scholars reflect the highest ideals of the engaged graduate student.
- The King-Mertz Distinguished Research/Creative Activity Award: Recognition of the highest achievement in graduate research based on non-thesis graduate research/creative activity projects required for a degree.
- 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/pdf/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/pdf/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 waiver 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 Students and Scholars.

International Programs

See the Study Abroad section of the catalog.

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)
Biological Sciences (BIO)
Business (BUS)
Chemistry (CHM)
Computer Science (CS)
Criminal Justice (CRJ)
Engineering (EGR)
English (ENG)
History (HST)
Industrial Technology (IND)
Mass Communication (MC)
Mathematics (MTH)
Nursing (NUR)
Physics (PHY)
Political Science (PLS)
Psychology (PSY)
Sociology (S)
Theatre Arts (TA)

For more information, visit the IAI website: www.itransfer.org/IAI/.

Subject Area Notes

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 may charge a studio laboratory fee for use of materials and services.

Foundation Curriculum: The foundation curriculum is a prescribed set of studio courses required of all art majors in the Art Education (BFA), Graphic Design (BFA), and Studio (BA and BFA) options. Courses in the foundation curriculum consist of Art 1000, 1001, 1110, and 1111. In addition, ART 2500, 2601G, 2602G and 2749 are required common courses in the Art Education, Graphic Design and Art Studio options; ART 2050 is required in the Art Education and Art Studio options and Art 2050 or 2560 is required in the Graphic Design option.

Communication Disorders and Sciences

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.

EIU

See Senior Seminar, Study Abroad, and University Foundations.

Economics

Courses Open to Juniors, Seniors, and Graduate Students -- It is strongly recommended that students complete MAT 2110G, (or 1441G) and 2120G (or 2550) before enrolling in Economics courses numbered 4750 and above.

Foreign Language

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

The Department of Foreign Languages gladly confers with individual students concerning appropriate placement in our program taking into consideration the individual's past academic experience as well as personal and professional goals. In addition to the guidelines above, the Department will administer free of charge a placement test to help place students within our four semester beginning/intermediate sequence (1101-2202G). It should be noted that the results of this test are non-binding and are meant as an additional tool to be allow students to place themselves appropriately. Faculty members are also available to perform both oral interviews and to evaluate writing samples to facilitate placement in courses numbered 3000 and above. Contact Department Chair to make arrangements.

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.

Health Studies

Note: Courses in First Aid and Cardio Pulmonary Resuscitation may charge a laboratory fee for use of materials and services.

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.

Kinesiology and Sports Studies

Activity course numbered 1000 may be taken up to eight times; activity courses numbered 1400 to 1940 may be taken up to four times. Non-kinesiology & sports studies majors may count four semester hours in kinesiology & sports studies activity courses toward graduation; kinesiology & sports studies majors and minors and recreation administration majors may count up to six semester hours of credit in kinesiology & sports studies activity courses. Hours beyond the four- and six-hour restrictions will not count toward graduation but will be computed in the cumulative GPA. Kinesiology & sports studies and recreation administration majors may not elect the Credit/No Credit option for one-semester-hour activity courses.

Mathematics

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.

Music

Introductory Applied Study.

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.

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.

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.

Senior Seminar

(Students may take a senior seminar once they have completed 75 semester hours. However, so that those nearing graduation will have first access to seats, only students who have earned or will have earned 90 hours may register without the assistance of the offering department.)

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.

Women's Studies

For complete descriptions of additional courses applicable to the Women's Studies Minor, please see the Women's Studies Minor homepage: http://castle.eiu.edu/wsminor/minor.htm. The following are examples of courses applicable to the Women's Studies Minor:

- ART 3685 - Women in Art. (3-0-3)
- ECN 3873 - Economics of Race and Gender. (3-0-3)
- EIU 4108G - The Changing World of Women. (3-0-3)
- EIU 4162G - Women's Voices: Women in the Theatre. (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)
- CMN 3903 - Rhetoric of Women. (3-0-3)

Course Descriptions

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."

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.

ACCOUNTING (ACC)

ACC 3200 - 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. **Prerequisites & Notes:** Admission to the School of Business or permission of the Associate Chair. (Students are strongly advised to take ACC 3200 and ACC 3300 concurrently.) Credits: 3

ACC 3250 - 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. **Prerequisites & Notes:** 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.) Credits: 3

ACC 3300 - 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 & Notes:** 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.) Credits: 3

ACC 3400 - 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. **Prerequisites & Notes:** Junior standing or permission of the Associate Chair. Credits: 3

ACC 3750 - 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 & Notes:** 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. Credits: 3

ACC 3900 - 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. WI **Prerequisites & Notes:** 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.) Credits: 3

ACC 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Course may be repeated once, with permission of the School of Business Associate Chair, as topics change. **Prerequisites & Notes:** Admission to the School of Business. Additional prerequisites to be determined by the topic(s) to be covered. Credits: 1 to 15

ACC 4275 - Internship in Accounting.
(Arr.-Arr.-1-15) (Credit/No Credit) Monitored work or service experience requiring development and application of accounting knowledge and skills. Course may be repeated once. **Prerequisites & Notes:** 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. Course may be repeated once for credit. Credits: 1 to 15

ACC 4275A - Internship in Accounting I.
(Arr.-Arr.-1-15) (Credit/No Credit) Monitored work or service experience requiring development and application of accounting knowledge and skills. Course may be repeated once. **Prerequisites & Notes:** 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. Credits: 1 to 15

ACC 4300 - 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. **Prerequisites & Notes:** 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. Credits: 3

ACC 4400 - 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. **Prerequisites & Notes:** 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. Credits: 3

ACC 4500 - 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. **Prerequisites & Notes:** 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. Credits: 3

ACC 4550 - 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. **Prerequisites & Notes:** 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. Credits: 3

ACC 4700 - 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. **Prerequisites & Notes:** 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. Credits: 3

ACC 4740 - Independent Study.
(Arr.-Arr.-1-6) Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Course may be repeated once. **Prerequisites & Notes:** 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 School of Business Associate Chair prior to registration. Credits: 1 to 6

ACC 4800 - 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. **Prerequisites & Notes:** 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. Credits: 3

AFRICANA STUDIES (AFR)

AFR 1000G - Introduction to Africana 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 Credits: 3

AFR 2000G - African American Social Movements.
(3-0-3) F, S. This course explores the history of African American social movements. Themes include identity, recruitment, mobilization, tactics, organization, race, gender, alliances, challenges and ideology. WI Credits: 3

AFR 2200G - Pan Africanism.
(3-0-3) F, S. This course examines the political, social, economic, cultural and ideological connections and relationships between Africans and their descendants in the diaspora (Asia, Europe, South America, North America, and the Caribbean) from a historical and comparative perspective. Topics include slavery, colonialism, resistance, Pan Africanism, liberation and black power movements. WI Credits: 3

AFR 2400 - Black Women in the Diaspora.
(3-0-3) S. This course explores realities of black women in the diaspora with an emphasis on the United States, Canada, Britain, Africa and the Caribbean. Topics such as identity, family, work, slavery, colonialism and globalization will be examined. Strategies that black women have employed to ensure the survival of "Self" and community will be explored. WI **Prerequisites & Notes:** Students will be required to take AFR 1000G or AFR 2000G before taking this course. Credits: 3

AFR 2500 - Introduction to Research Methods in Africana Studies.
(3-0-3) F. This course is designed to introduce students to research methods. Students will learn qualitative and quantitative methods of carrying out Africana studies research, how to use scholarly literature to support their analysis and how to write research papers. The following topics will be explored: research ethics, social theory, research design, ethnography, oral history, survey and secondary data analysis. WI **Prerequisites & Notes:** Students will be required to take ENG 1001G or ENG 1002G or equivalent before taking this course. Credits: 3

AFR 2600 - African American Men.
(3-0-3) F. This course acknowledges the realities that are specific to African American males. Strategies and habits of mind that may reinforce and affirm their cultural strengths and overall identity, particularly in support of academic achievement will be examined. WI **Prerequisites & Notes:** Students will be required to take AFR 1000G or AFR 2000G before taking this course. Credits: 3

AFR 3000 - Special Topics in Africana 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 Africana Studies and the Dean of the College of Arts and Humanities but may be taken only once to satisfy major requirements. **Prerequisites & Notes:** English 1002G. Credits: 3

AFR 3150 - Women and Development in Africa.
(3-0-3) S. This course will expose students to the existing paradigms on women within Africa. Factors and forces mitigating for and against women such as colonialism, capitalism, patriarchy, religion, education and culture will be explored. Challenges and tasks women face in the process of industrialization and modernization will be assessed and analyzed. WI **Prerequisites & Notes:** Students will be required to take AFR 2500 or equivalent before taking this course. Credits: 3

AFR 3300 - African Cinema.
(3-0-3) F. This is a course which encounters and interprets traditions of Africa through its cinema. **Prerequisites & Notes:** ENG 1002G. Credits: 3

AFR 3500 - The African American Intellectual Tradition.
(3-0-3) S. This course will adhere to the definition of intellectual history as "the history not of thought, but of people thinking." Students will explore the critical role that African American intellectuals in all their guises have played in the shaping of the American historical and intellectual landscape. Topics include intellectual responses to slavery, emancipation, nation building and the civil rights movement. WI **Prerequisites & Notes:** Students will be required to take AFR 2500 or equivalent before taking this course. Credits: 3

AFR 3600 - HIV/AIDS and Development in Africa.
(3-0-3) S. The main focus in this course is to examine the challenges HIV/AIDS present in Sub Saharan Africa in terms of economic, health, social and demographic underpinnings of development. Though focused on Sub-Saharan Africa as a region, the course will provide students with the building blocks necessary to design an HIV/AIDS prevention campaign and service learning opportunities. WI **Prerequisites & Notes:** Students will be required to take AFR 2500 or equivalent before taking this class. Credits: 3

AFR 3700 - Race and Neighborhood Development.
(3-0-3) S. The course examines the political causes and consequences of place-based racial inequalities in American cities. The ultimate purpose is to help students understand the legacy of uneven urban development; recognize its contemporary manifestations and ways of challenging it. WI **Prerequisites & Notes:** Students will be required to take AFR 2500 or equivalent before taking this course. Credits: 3

AFR 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Credits: 1 to 15

AFR 4275 - Internship in Africana 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. **Prerequisites & Notes:** Permission of the program's chairperson and the written acceptance of the student by the agency or organization involved. Credits: 1 to 15

AFR 4300 - Capstone Seminar.
(3-0-3) S. This course is designed for senior students who are majors or minors in Africana Studies. Students will apply all the interdisciplinary knowledge they have gained as they design the capstone project. Each student will choose a topic for research,

based on his/her area of concentration in the major or minor. The themes of the capstone will be determined by the research interests of the class. This course is restricted to Africana Studies majors and minors. WI **Prerequisites & Notes:** Completion of 75 hours, AFR 2500 or equivalent, and Africana Studies core courses (Majors: AFR 1000G, 2000G, 2200G, 2500, 3500, and HIS 3750; Minors: AFR 1000G or 2000G, and AFR 2500) or permission from the Director of Africana Studies. Credits: 3

AFR 4400 - 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. **Prerequisites & Notes:** Consent of supervising faculty member and permission of the African-American Studies chairperson. Credits: 1 to 3

ANTHROPOLOGY (ANT)

ANT 2200G - 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** Credits: 3

ANT 2290G - 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. **Prerequisites & Notes:** Admission to the University Honors College. WI Credits: 3

ANT 2742 - 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** Credits: 3

ANT 3602 - 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. **Prerequisites & Notes:** ANT 2200G or permission of the instructor. Credits: 3

ANT 3606 - Magic and Religion in Preliterate 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. **Prerequisites & Notes:** ANT 2200G or permission of the instructor. Credits: 3

ANT 3611 - 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. **Prerequisites & Notes:** ANT 2200G or permission of the instructor. Credits: 3

ANT 3691 - 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. WI Credits: 3

ANT 3712 - 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. Credits: 3

ANT 3900 - Hunters and Gatherers.
(3-0-3) S. This course examines the history, culture, and study of hunting and gathering peoples. **Prerequisites & Notes:** ANT 2200G or permission of instructor. Credits: 3

ANT 3960* - Special Topics in Anthropology.
(Arr.-Arr.-1-4) On Demand. On-campus and/or off-campus fieldwork on special areas or topics in anthropology. Each lettered course may not be repeated. Different Special Topics courses may be taken to a maximum of 6 hours. **Prerequisites & Notes:** Approval of the instructor.
*Course Numbers: ANT 3960A, B, D-F, H-M, O-R, T-Z Credits: 1 to 4

ANT 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Credits: 1 to 15

ANT 44001 - Independent Study I.
(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. May not be repeated. Independent Study courses may be taken to a maximum of 6 hours. **Prerequisites & Notes:** Nine semester hours of anthropology and a cumulative grade point average of 3.0 or better. Credits: 1 to 3

ANT 44002 - Independent Study II.
(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. May not be repeated. Independent Study courses may be taken to a maximum of 6 hours. **Prerequisites & Notes:** Nine semester hours of anthropology and a cumulative grade point average of 3.0 or better. Credits: 1 to 3

ANT 44003 - Independent Study III.
(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. May not be repeated. Independent Study courses may be taken to a maximum of 6 hours. **Prerequisites & Notes:** Nine semester hours of anthropology and a cumulative grade point average of 3.0 or better. Credits: 1 to 3

ANT 44004 - Independent Study IV.
(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. May not be repeated. Independent Study courses may be taken to a maximum of 6 hours. **Prerequisites & Notes:** Nine semester hours of anthropology and a cumulative grade point average of 3.0 or better. Credits: 1 to 3

ANT 44005 - Independent Study V.
(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. May not be repeated. Independent Study courses may be taken to a maximum of 6 hours. **Prerequisites & Notes:** Nine semester hours of anthropology and a cumulative grade point average of 3.0 or better. Credits: 1 to 3

ANT 44006 - Independent Study VI.
(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. May not be repeated. Independent Study courses may be taken to a maximum of 6 hours. **Prerequisites & Notes:** Nine semester hours of anthropology and a cumulative grade point average of 3.0 or better. Credits: 1 to 3

ANT 4511 - 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. Credit cannot be earned for both ECN 4511 and ANT 4511. Cross listed with ECN 4511. Credits: 3

APPLIED ENGINEERING AND TECHNOLOGY (AET)

AET 1001 - 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. Credits: 1

AET 1012 - 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. Credits: 2

AET 1263 - 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. Credits: 3

AET 1323 - Computers for Applied Engineering and Technology.
(2-2-3) F, S. An introduction to the use of computers in technological environments. Students will learn computer hardware systems and software applications used by industry, commercial operations, production and related types of organizations. Credits: 3

AET 1363 - Graphic Communication Technologies.
(2-2-3) F, S. Introduction to digital production technologies related to creating, transferring, and reproducing conventional graphic images, digital images and Web pages. Credits: 3

AET 1413 - 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. Credits: 3

AET 2043 - 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. **Prerequisites & Notes:** AET 1012 or permission of instructor. Credits: 3

AET 2064 - Manufacturing Processes.
(2-2-3) On Demand. A study of basic materials and processes used in industry. Emphasis on separating, forming, and combining processes. Credits: 3

AET 2123 - 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. Credits: 3

AET 2184 - 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. **Prerequisites & Notes:** AET 2324 and MAT 1271. Credits: 4

AET 2200G - 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: Applied Engineering and Technology majors may not enroll in this course. Credits: 3

AET 2253 - 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. Credits: 3

AET 2300G - 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 Credits: 3

AET 2324 - 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. **Prerequisites & Notes:** MAT 1270 or Math ACT score of 20 or higher. Credits: 3

AET 2523 - 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. **Prerequisites & Notes:** AET 1323. Credits: 3

AET 2953 - 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. **Prerequisites & Notes:** MAT 1340 or 1441G. Credits: 3

AET 3012 - Metrology and Inspection Procedures.
(2-0-2) F, S. Applications of metrology in production manufacturing, inspection instruments and procedures. **Prerequisites & Notes:** MAT 1270 or higher or ACT composite score of 19 (SAT 910). Credits: 2

AET 3043 - 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. **Prerequisites & Notes:** AET 2043; MAT 1340 or 1441G. Credits: 3

AET 3063 - 3-D Modeling.
(1-4-3) S. Planning and developing computer-aided solid models for design and manufacturing and assembly modeling. **Prerequisites & Notes:** AET 2043. Credits: 3

AET 3073 - 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. **Prerequisites & Notes:** AET 2324, Electronic Control Systems. Credits: 3

AET 3103 - 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. **Prerequisites & Notes:** AET 2324 or permission of instructor. Credits: 3

AET 3113 - 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. **Prerequisites & Notes:** AET 1263. Credits: 3

AET 3143 - 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. **Prerequisites & Notes:** AET 1263. Credits: 3

AET 3153 - Advanced Routing and Switching.
(2-2-3) S. This course focuses on additional hardware and networking applications of the topics covered in AET 2523, with emphasis on industrial networks of computer integrated machines. **Prerequisites & Notes:** AET 2523. Credits: 3

AET 3183 - 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. **Prerequisites & Notes:** AET 2324. Credits: 3

AET 3203 - 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. **Prerequisites & Notes:** AET 3113. Credits: 3

AET 3213 - Surveying and Site Planning.
(1-4-3) S. Principles of construction site measurements and project layouts utilizing surveying instruments. The techniques and calculations applied to the wide variety of housing and commercial construction projects. **Prerequisites & Notes:** MAT 1310 or equivalent. Credits: 3

AET 3223 - 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. **Prerequisites & Notes:** AET 2043 and 2253. Credits: 3

AET 3253 - Energy Technology.
(3-0-3) On Demand. A study of energy sources and energy conversion processes involving electrical, mechanical, fluidic, and other methods. Includes theory of conversion, principles of operation and basic design. **Prerequisites & Notes:** MAT 1270 or Math ACT score of 20 or higher. Credits: 3

AET 3343 - Digital Media Technologies.
(2-2-3) 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. **Prerequisites & Notes:** AET 1363 or permission of instructor. Credits: 3

AET 3414 - Selection and Management of Applied Engineering Projects.
(4-0-4) F, S. This course is designed to prepare students to analyze and evaluate the worth of products, systems, structures, and services in relation to their costs; develop and utilize network techniques such as PERT/CPM; schedule activities; develop project budgets; allocate resources; and control progress and costs of technical projects. **Prerequisites & Notes:** MAT 2120G and AET 1323. Credits: 4

AET 3453 - Alternative and Renewable Energy Systems.
(3-0-3) On Demand. A study of the technology and systems of alternative and renewable energy resources with emphasis on energy generation and utilization for heating, cooling, electrical generation, industrial processes, transportation, residential and commercial uses. **Prerequisites & Notes:** AET 3253. Credits: 3

AET 3603 - 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 & Notes:** AET 3223 and AET 2324. Credits: 3

AET 3703 - 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. **Prerequisites & Notes:** PHY 1351G, 1352G or (PHY 1151G, 1152G and MAT 1340 or 1441G). Credits: 3

AET 3833 - Sustainable Buildings.
(3-0-3) F. Study of the principles of environmentally sustainable construction with application of green buildings and standard construction techniques and mechanical systems. Included is the Green Building Rating System LEED (Leadership in Energy and Environmental Design) for benchmarking the design, construction, and operation of high performance green buildings. **Prerequisites & Notes:** AET 2253 and AET 3603 or approval of instructor. Credits: 3

AET 3920 - Independent Study.
(Arr.-Arr.-1-5) Independent study related to personal technological career goals in industrial technology. May be repeated once to maximum of five semester hours of elective credit in applied engineering and technology. **Prerequisites & Notes:** Junior standing and permission of the Chair, School of Technology. Credits: 1 to 5

AET 3920A - Independent Study I
(Arr.-Arr.-1-5) Independent study related to personal technological career goals in industrial technology. May be repeated once to maximum of five semester hours of elective credit in applied engineering and technology. **Prerequisites & Notes:** Junior standing and permission of the Chair, School of Technology. Credits: 1 to 5

AET 3970 - 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. **Prerequisites & Notes:** Junior standing or permission of the instructor. Credits: 1 to 4

AET 3970A - Special Topics in Technology I.
(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. **Prerequisites & Notes:** Junior standing or permission of the instructor. Credits: 1 to 4

AET 3970B - Special Topics in Technology II.
(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. **Prerequisites & Notes:** Junior standing or permission of the instructor. Credits: 1 to 4

AET 3970D - Special Topics in Technology III.
(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. **Prerequisites & Notes:** Junior standing or permission of the instructor. Credits: 1 to 4

AET 3970E - Special Topics in Technology IV.
(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. **Prerequisites & Notes:** Junior standing or permission of the instructor. Credits: 1 to 4

AET 3970F - Special Topics in Technology V.
(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. **Prerequisites & Notes:** Junior standing or permission of the instructor. Credits: 1 to 4

AET 4000 - 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. **Prerequisites & Notes:** Cumulative GPA of 2.50; at least junior status, permission of instructor and department chair permission. May be repeated once for a maximum of 6 credits from Undergraduate Research. Credits: 1 to 6

AET 4000A - Undergraduate Research I.
(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. **Prerequisites & Notes:** Cumulative GPA of 2.50; at least junior status, permission of instructor and department chair permission. May be repeated once to a maximum of 6 credits from Undergraduate Research. Credits: 1 to 6

AET 4000B - Undergraduate Research II.
(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. **Prerequisites & Notes:** Cumulative GPA of 2.50; at least junior status, permission of instructor and department chair permission. May be repeated once to a maximum of 6 credits from Undergraduate Research. Credits: 1 to 6

AET 4002 - Materials Testing.
(2-2-3) F, S. Applied analysis of mechanical and physical properties of industrial materials. **Prerequisites & Notes:** AET 1263; PHY 1151G, 1152G or PHY 1351G, 1352G. WI Credits: 3

AET 4023 - 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). **Prerequisites & Notes:** AET 2043, 3113 or 3203. Credits: 3

AET 4123 - Advanced Digital Photography.
(2-2-3) 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. **Prerequisites & Notes:** AET 2123 or permission of the instructor for AET 4123. Credits: 3

AET 4183 - 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 a overview of digital data acquisition hardware and software. **Prerequisites & Notes:** INT 2324. Credits: 3

AET 4223 - 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. **Prerequisites & Notes:** AET 3223. Credits: 3

AET 4243 - 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. **Prerequisites & Notes:** AET 3223 or concurrent enrollment. Credits: 3

AET 4274 - 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. **Prerequisites & Notes:** AET 2324 or permission of the instructor. Credits: 4

AET 4275 - Industrial Internship.
(Arr.-Arr.-1-10) (Credit/No Credit) Employment experience in an area related to the student's option. May be repeated once. **Prerequisites & Notes:** Permission of the Chair, School of Technology, and junior standing. Credits: 1 to 10

AET 4275A - Industrial Internship I.
(Arr.-Arr.-1-10) (Credit/No Credit) Employment experience in an area related to the student's option. May be repeated once. **Prerequisites & Notes:** Permission of the Chair, School of Technology, and junior standing. Credits: 1 to 10

AET 4353 - Print and Digital Media Production.
(2-2-3) 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. **Prerequisites & Notes:** AET 1363 and AET 3343, or permission of instructor. Credits: 3

AET 4444 - Honors Independent Study.
(Arr.-Arr.-1-4) Independent Study in Applied Engineering and Technology is designed for the individual needs of the student as related to student's career goals in Applied Engineering and Technology. May be repeated once to a maximum of four semester hours from Honors Independent Study. May be counted toward the 15 hours of required course work in a technical concentration. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Chair, School of Technology. Credits: 1 to 4

AET 4444A - Honors Independent Study I.
(Arr.-Arr.-1-4) Independent Study in Applied Engineering and Technology is designed for the individual needs of the student as related to student's career goals in Applied Engineering and Technology. May be repeated once to a maximum of four semester hours from Honors Independent Study. May be counted toward the 15 hours of required course work in a technical concentration. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Chair, School of Technology. Credits: 1 to 4

AET 4453 - Sustainability Topics in Energy.
(3-0-3) On Demand. An in-depth examination of current and future issues, problems, policies, and other areas in energy sustainability. Topics include but not limited to biofueled boilers, energy conservation, creating synthetic fuels, nuclear fuel usages, exotic fuels research, and availability of traditional fuels such as fossil fuels. **Prerequisites & Notes:** AET 3453. Credits: 3

AET 4555 - Honors Research.
(3-0-3) On Demand. Study of research methods and processes including defining research problems, and collecting and analyzing data. Students will conduct a literature review and prepare a research proposal. **Prerequisites & Notes:** Admission to the Business, Family and Consumer Sciences, or Applied Engineering and Technology Departmental Honors Program and/or approval of the Business, Family and Consumer Sciences, or Technology Honors Coordinator. Course may not be repeated. Cross listed with BUS 4555 and FCS 4555. Credits: 3

AET 4602 - Physical Metallurgy.
(2-2-3) S. Methods of altering, controlling and determining physical properties of metals. **Prerequisites & Notes:** AET 1263. Credits: 3

AET 4644 - 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 Applied Engineering and Technology with the approval of the Departmental Honors advisor or coordinator. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Chair, School of Technology. Credits: 2 to 3

AET 4673 - 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. **Prerequisites & Notes:** AET 1323 and MAT 2120G or 1441G. Credits: 3

AET 4753 - Lean Manufacturing.
(3-0-3) On Demand. A course in the fundamental concepts, principles, and tools involved in Lean Manufacturing, including utilizing lean across industries as well as its implementation. **Prerequisites & Notes:** Junior Status and AET 1323 with a grade C or higher or equivalent course. Course may not be repeated. Credits: 3

AET 4800 - 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 & Notes:** Senior standing and permission of the instructor. Credits: 3

AET 4803 - 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. **Prerequisites & Notes:** AET 1323, AET 2043, and MAT 2120G or 1441G. Credits: 3

AET 4813 - Advanced Digital Media Technologies.
(2-2-3) 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. Credits: 3

AET 4823 - 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.) Credits: 3

AET 4833 - 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. Credits: 3

AET 4843 - Statistical Quality Assurance.
(3-0-3) F, S. Principles of total quality control; Shewhart control charts; acceptance sampling; capability and reliability studies. **Prerequisites & Notes:** AET 1323 and BUS 2810 or MAT 2250G. Credits: 3

AET 4853 - 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. **Prerequisites & Notes:** AET 1263; PHY 1151G, 1152G or 1351G, 1352G; and CHM 1310G and 1315G. Credits: 3

AET 4863 - Packaging Technologies.
(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. **Prerequisites & Notes:** AET 1363, AET 3343, junior standing; or permission of instructor. Credits: 3

AET 4873 - Current Trends in Energy Technology.
(3-0-3) On Demand. A comparative study of the trends, analyses, and policies of alternative energy technologies as applied to the availability of the technology and how it can be incorporated into commercial, residential, industrial, and other processes. Credits: 3

AET 4943 - 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. **Prerequisites & Notes:** AET 1323 and MAT 2120G or 1441G. WI Credits: 3

AET 4953 - Color Management Technologies.
(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. **Prerequisites & Notes:** **Applied Engineering and Technology Majors:** AET 3343, Digital Media Technologies; **Family & Consumer Sciences Majors:** FCS 2244, Consumer Textiles: Care and Production, and FCS 3245, Textiles: Color Design Production; or permission of the instructor. Credits: 3

AET 4970 - 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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 4

AET 4970A - Special Topics in Technology I.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 4

AET 4970B - Special Topics in Technology II.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 4

AET 4970D - Special Topics in Technology III.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 4

AET 4970E - Special Topics in Technology IV.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 4

AET 4970F - Special Topics in Technology V.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 4

AET 4970H - Special Topics in Technology VI.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 4

AET 4970I - Special Topics in Technology VII.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 4

AET 4970J - Special Topics in Technology VIII.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 4

AET 4970K - Special Topics in Technology IX.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 4

ART (ART)

ART 1000 - Drawing I.
(0-6-3) F, S. Instruction in basic drawing concepts and techniques in black and white media. **Prerequisites & Notes:** Art majors, minors, Special Education majors with art area or permission of instructor. Credits: 3

ART 1001 - Drawing II.
(0-6-3) F, S. Instruction in drawing from observation, intermediate drawing concepts, and techniques in color and black and white media. **Prerequisites & Notes:** Art 1000. Course may not be repeated. Credits: 3

ART 1110 - Two-Dimensional Foundations.
(0-6-3) F, S. A foundation studio course exploring the basic elements of visual organization through two-dimensional design principles and theories using a variety of materials and processes. **Prerequisites & Notes:** Art majors, minors, Special Education majors with art area or permission of instructor. Credits: 3

ART 1111 - Three-Dimensional Foundations.
(0-6-3) F, S. A Foundation studio course exploring the basic elements of visual organization through three-dimensional design principles and theories using a variety of materials and processes. **Prerequisites & Notes:** ART 1110 or permission of instructor. Credits: 3

ART 2000 - Life Drawing I.
(0-6-3) F, S. Study of human form as a subject of graphic expression. Use of various media in figure drawing investigated. **Prerequisites & Notes:** ART 1000. Credits: 3

ART 2012G - 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 Credits: 3

ART 2050 - 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. **Prerequisites & Notes:** ART 1000, ART 1110 or ART 2310G, ART 2500 or permission of instructor. ART 2500 may be taken concurrently with this course. Credits: 3

ART 2100 - 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. **Prerequisites & Notes:** ART 1111 and ART 2500 or permission of instructor. ART 2500 may be taken concurrently with this course. Credits: 3

ART 2250 - 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. **Prerequisites & Notes:** ART 2500 or permission of instructor. ART 2500 may be taken concurrently with this course. Credits: 3

ART 2300 - African-American Art.
(3-0-3) On Demand. Contribution of the African-American people to the art of the western world. **F2 906D** Credits: 3

ART 2310G - 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. Credits: 3

ART 2330G - 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** Credits: 3

ART 2400 - Introduction to Art Education.
(3-0-3) F. Introduction to the philosophical foundations of the field of Art Education and the various contexts within which art teaching functions. Twenty clock hours of pre-student teaching experience included. WI **Prerequisites & Notes:** Enrollment in the Art Education option. Credits: 3

ART 2500 - 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. Credits: 1

ART 2560 - Printmaking I.
(0-6-3) F, S. Survey and exploration of methods of printmaking. **Prerequisites & Notes:** ART 1000, 2500 or permission of instructor. ART 2500 may be taken concurrently with this course. Credits: 3

ART 2601G - 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** Credits: 3

ART 2602G - 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** Credits: 3

ART 2691G - 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. WI **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

ART 2692G - 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. WI **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

ART 2700 - Jewelry and Metalsmithing I.
(0-6-3) F, S. Fundamental techniques in the construction and decorative processes of metalsmithing and jewelry design. **Prerequisites & Notes:** ART 1110, 1111, 2500 or permission of instructor. ART 2500 may be taken concurrently with this course. Credits: 3

ART 2749 - Research Methods and Professional Practices.
(1-0-1) F, S. The Research Methods and Professional Practices course provides art students with an introduction to the basic skills necessary to document and digitally format artwork; as well as research, evaluate, and write about art in preparation for a career in Studio Art, Art Education and Art History. Course restricted to Art Majors. Credits: 1

ART 2910 - 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. **Prerequisites & Notes:** ART 1110, 1111, and 2500. ART 2500 may be taken concurrently with this course. Credits: 3

ART 2920 - Graphic Abstractions.
(0-6-3) S. Simplification of an object into black-and-white form and subsequent color translations. **Prerequisites & Notes:** ART 1110, 1111, and 2500. ART 2500 may be taken concurrently with this course. Credits: 3

ART 3000 - 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. **Prerequisites & Notes:** ART 1001. Credits: 3

ART 3001 - Drawing IV.
(0-6-3) On Demand. Continuation of ART 3000 with further mastery of the subject matter and techniques. **Prerequisites & Notes:** ART 3000. May be repeated once with permission of the Art Department Chair. Credits: 3

ART 3051 - 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. **Prerequisites & Notes:** ART 2050. Credits: 3

ART 3052 - Painting III.
(0-6-3) F, S. Continuation of ART 3051. **Prerequisites & Notes:** ART 3051. Credits: 3

ART 3080 - Watercolor I.
(0-6-3) On Demand. Painting course in transparent waterbase media; instruction in various technical methods of watercolor. **Prerequisites & Notes:** ART 2050 or permission of instructor. Credits: 3

ART 3081 - Watercolor II.
(0-6-3) On Demand. Continuation of ART 3080 with further mastery of the subject matter and techniques. **Prerequisites & Notes:** ART 3080. May be repeated once with permission of the Art Department Chair. Credits: 3

ART 3111 - Sculpture II Additive/Constructed.
(0-6-3) F, S. Research design and fabricate sculptures using additive/constructed methodologies utilizing primarily wood, found objects and other easily manipulated materials. Some personal protective equipment (PPE) required. **Prerequisites & Notes:** ART 2100. Credits: 3

ART 3112 - Sculpture III Metal Fabrication.
(0-6-3) F, S. Research design and fabricate sculptures utilizing welded steel and cold connected metal as the primary materials. Some personal protective equipment (PPE) required. **Prerequisites & Notes:** ART 2100. Credits: 3

ART 3113 - Sculpture IV Casting.
(0-6-3) F, S. Research design, model and cast sculptures utilizing basic foundry processes and materials. Some personal protective equipment (PPE) required. **Prerequisites & Notes:** ART 2100. Credits: 3

ART 3200 - 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 & Notes:** ART 2500, ART 1000 and ART 1110 (or equivalent) or permission of instructor. Credits: 3

ART 3201 - Digital Art II.
(3-3-3) F, S. Continuation of ART 3200 with further mastery of the subject matter and techniques. **Prerequisites & Notes:** ART 3200. May be repeated once with permission of the Art Department Chair. Credits: 3

ART 3251 - Ceramics II.
(0-6-3) F, S. Projects in hand building and/or throwing; study of glaze materials and glaze calculation. **Prerequisites & Notes:** ART 2250. Credits: 3

ART 3252 - Ceramics III.
(0-6-3) F, S. Continuation of ART 3251. **Prerequisites & Notes:** ART 3251. Credits: 3

ART 3340G - 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. Credits: 3

ART 3400 - Art Education for Elementary Schools.
(2-3-3) S. 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. **Prerequisites & Notes:** Admission to Art Education Program, Teacher Education Program, and Art 2400. Credits: 3

ART 3405 - Art Education for Elementary Schools Studio.
(0-6-3) S. This is a studio intensive course designed to present art education students with experience using art media and techniques appropriate for the elementary and middle school. In addition to studio techniques students will develop objectives and lesson plans. The studios are designed to reinforce and enhance reading assignments, activities, discussion in ART 3400. Must be taken concurrently with ART 3400. **Prerequisites & Notes:** ART 2400, admission to the Art Education Program, and admission to the College of Education Teacher Certification Program. Credits: 3

ART 3410 - Art Education for Secondary Schools.
(2-3-3) F. 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. WI **Prerequisites & Notes:** 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. Credits: 3

ART 3415 - Art Education for Secondary Schools Studio.
(0-6-3) F. This is a studio intensive course designed to present art education students with experiences using art media and techniques appropriate for the secondary level. In addition to studio techniques, students will write lesson plans correlating to the studio activities. The studio activities are designed to reinforce and enhance reading assignments, activities and discussions in ART 3410. Must be taken concurrently with ART 3410. WI **Prerequisites & Notes:** ART 3400, ART 3405, admission to the Art Education Program, and admission to the College of Education Teacher Certification Program. Credits: 3

ART 3440 - Art for Teachers in the Elementary Grades.
(2-2-2) On Demand. 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 & Notes:** Enrollment in Elementary Education, Middle Level Education, or Special Education. Preference given to students with university approval to take Teacher Education courses. Credits: 2

ART 3570 - Printmaking II.
(0-6-3) F, S. Intensive exploration of methods of printmaking with emphasis on new approaches to personal expression. **Prerequisites & Notes:** ART 2560. Credits: 3

ART 3571 - Printmaking III.
0-6-3) F, S. Continuation of ART 3570. Further mastery of the media is stressed. **Prerequisites & Notes:** ART 3570. Credits: 3

ART 3610G - African Art.
(3-0-3) S-even-numbered years. Comprehensive study of the styles and functions of African Arts. WI Credits: 3

ART 3611G - 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 Credits: 3

ART 3612G - 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 Credits: 3

ART 3630 - Greek and Roman Art.
(3-0-3) F-even-numbered years. Art and architecture studied in the context of the Greek and Roman cultures, ca. 1500 B.C. to 300 A.D. **Prerequisites & Notes:** ART 2601G. Credits: 3

ART 3641 - 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. **Prerequisites & Notes:** ART 2601G. Credits: 3

ART 3642 - 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. **Prerequisites & Notes:** ART 2601G. Credits: 3

ART 3651 - Italian Renaissance Art: Fifteenth Century.
(3-0-3) F-even-numbered years. Development of style and iconography in fifteenth-century Italian art. **Prerequisites & Notes:** ART 2602G. Credits: 3

ART 3652 - Italian Renaissance Art: Sixteenth Century.
(3-0-3) S-odd-numbered years. Development of style and iconography in sixteenth-century Italian art: High Renaissance and Mannerism. **Prerequisites & Notes:** ART 2602G. Credits: 3

ART 3660 - Baroque Art.
(3-0-3) F-odd-numbered years. Study of the Baroque style in Italy and Northern Europe. **Prerequisites & Notes:** ART 2602G. Credits: 3

ART 3670 - Nineteenth-Century Art.
(3-0-3) On Demand. Leading artists, movements, and trends during the 19th century in the art of Western Europe and the United States, with emphasis on France. **Prerequisites & Notes:** ART 2602G. Credits: 3

ART 3680 - Modern Art.
(3-0-3) F. Major artists, developments, and significant achievements in painting and sculpture, 1880-1947. **Prerequisites & Notes:** ART 2602G. Credits: 3

ART 3681 - Contemporary Art.
(3-0-3) S. 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. **Prerequisites & Notes:** ART 2602G Credits: 3

ART 3685 - Women in Art.
(3-0-3) S-odd-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. Credits: 3

ART 3701 - Jewelry and Metalsmithing II.
(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. **Prerequisites & Notes:** ART 2700 or permission of the instructor. Credits: 3

ART 3702 - Jewelry and Metalsmithing III.
(0-6-3) F, S. A continuation of ART 3701 further mastery of techniques. **Prerequisites & Notes:** ART 3701. Credits: 3

ART 3910 - 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. **Prerequisites & Notes:** ART 2910, 2920 and admission into the Graphic Design option. Credits: 3

ART 3911 - Graphic Design 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. **Prerequisites & Notes:** ART 2910, 2920 and admission into the Graphic Design option. Credits: 3

ART 3912 - Interactive/Motion Graphics I.
(0-6-3) F. An introduction to effective visual problem-solving in interactive/motion graphics design. Fundamentals of interactive media will be emphasized. **Prerequisites & Notes:** ART 2910 and ART 2920 (May not be taken concurrently.) Course restricted to students admitted to the BFA in Art Graphic Design Option. Credits: 3

ART 3920 - 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. **Prerequisites & Notes:** ART 3910 and 3911. Credits: 3

ART 3921 - Graphic Design II.
(0-6-3) S. An Introduction to the application of illustration and symbols to the interpretation and communication of complex data. **Prerequisites & Notes:** ART 3910 and 3911. Credits: 3

ART 3922 - Interactive/Motion Graphics II.
(0-6-3) S. Effective visual problem-solving in interactive/motion graphics design. Fundamentals of animation/motion design will be emphasized. **Prerequisites & Notes:** ART 3912 (May not be taken concurrently.) Course restricted to students admitted to the BFA in Art Graphic Design Option. Credits: 3

ART 3940 - History of Graphic Design.
(3-0-3) F. The history of graphic design from the 19th century to the present. **Prerequisites & Notes:** ART 2602. Credits: 3

ART 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Credits: 1 to 15

ART 4000 - Life Drawing II.
(0-6-3) F, S. Study of advanced drawing concepts and techniques. Traditional and nontraditional media used towards the development of a personal style. **Prerequisites & Notes:** ART 2000 or the permission of the instructor. Credits: 3

ART 4001 - Life Drawing III.
(0-6-3) F, S. Continuation of ART 4000 with further mastery of the subject matter and techniques. **Prerequisites & Notes:** ART 4000. May be repeated once with permission of the Art Department Chair. Credits: 3

ART 4051 - 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. **Prerequisites & Notes:** ART 3052 or two semesters of ART 3080. Credits: 3

ART 4052 - Painting V.
(0-6-3) F, S. Continuation of ART 4051 with further mastery of the subject matter and techniques. **Prerequisites & Notes:** ART 4051. Credits: 3

ART 4053 - Painting VI.
(0-6-3) F, S. Continuation of ART 4052 with further mastery of the subject matter and techniques. **Prerequisites & Notes:** ART 4052. May be repeated once with permission of the Art Department Chair for credit. Credits: 3

ART 4111 - Sculpture V.
(0-6-3) F, S. Advanced study in sculpture focused on the mastery of a personal direction with a concentration on one or a series of concepts. One sculptural process (additive/constructed, metal fabrication, modeled/cast) to be explored in depth. **Prerequisites & Notes:** ART 3111 or 3112 or 3113. Credits: 3

ART 4112 - Sculpture VI.
(0-6-3) F, S. Continuation of ART 4111 with increasing mastery of a personal style and sculptural processes. **Prerequisites & Notes:** ART 4111. Credits: 3

ART 4113 - Sculpture VII.
(0-6-3) F, S. Continuation of ART 4112 with increasing mastery of a personal style and sculptural processes. **Prerequisites & Notes:** ART 4112. May be repeated once with permission of the Art Department Chair. Credits: 3

ART 4251 - 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. **Prerequisites & Notes:** ART 3252. Credits: 3

ART 4252 - Ceramics V.
(0-6-3) F, S. Continuation of ART 4251 with increasing depth of mastery. **Prerequisites & Notes:** ART 4251. Credits: 3

ART 4253 - Ceramics VI.
(0-6-3) F, S. Continuation of ART 4252 with increasing depth of mastery. **Prerequisites & Notes:** ART 4252. May be repeated once with permission of the Art Department Chair. Credits: 3

ART 4275 - 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. **Prerequisites & Notes:** Junior standing, appropriate course work, permission of the Art Department chair and internship supervisor, and acceptance of the student by a business or agency. Credits: 1 to 15

ART 4400 - Independent Study I.
(Arr.-Arr.-1-3) Work in special problems selected to fulfill needs of the student. **Prerequisites & Notes:** Individual plan and permission of the instructor and the department chairperson, plus nine semester hours in the area of proposed study. A maximum of six semester hours may be earned in a combination of 4400, 4401, and 4402. May be repeated once. Credits: 1 to 3

ART 4401 - Independent Study II.
(Arr.-Arr.-1-3) Work in special problems selected to fulfill needs of the student. **Prerequisites & Notes:** Individual plan and permission of the instructor and the department chairperson, plus nine semester hours in the area of proposed study. A maximum of six semester hours may be earned in a combination of 4400, 4401, and 4402. May be repeated once. Credits: 1 to 3

ART 4402 - Independent Study III.
(Arr.-Arr.-1-3) Work in special problems selected to fulfill needs of the student. **Prerequisites & Notes:** Individual plan and permission of the instructor and the department chairperson, plus nine semester hours in the area of proposed study. A maximum of six semester hours may be earned in a combination of 4400, 4401, and 4402. May be repeated once. Credits: 1 to 3

ART 4580 - Printmaking IV.
(0-6-3) F, S. Individual selection of printmaking processes and problems. **Prerequisites & Notes:** ART 3571. Credits: 3

ART 4581 - Printmaking V.
(0-6-3) F, S. Continuation of ART 4580 with further mastery of the subject matter and techniques. **Prerequisites & Notes:** ART 4580. Credits: 3

ART 4582 - Printmaking VI.
(0-6-3) F, S. Continuation of ART 4581 with further mastery of the subject matter and techniques. **Prerequisites & Notes:** ART 4581. May be repeated with permission of the Art Department Chair. Credits: 3

ART 4701 - Jewelry and Metalsmithing IV.
(0-6-3) F, S. Advanced problems in silvermithing and development of senior portfolio. **Prerequisites & Notes:** ART 3702. Credits: 3

ART 4702 - Jewelry and Metalsmithing V.
(0-6-3) F, S. Continuation of ART 4701 with further mastery of techniques. **Prerequisites & Notes:** ART 4701. Credits: 3

ART 4703 - Jewelry and Metalsmithing VI.
(0-6-3) F, S. Continuation of ART 4702 with further mastery of techniques. **Prerequisites & Notes:** ART 4702. May be repeated once with permission of the Art Department Chair. Credits: 3

ART 4740 - Issues in Art Education.
(3-0-3) S. Study of the major theories and issues which have played important roles in shaping the character of contemporary art education. WI **Prerequisites & Notes:** ART 3400, 3410, or permission of the instructor. Credits: 3

ART 4749 - Senior Portfolio.
(Arr.-Arr.-0) F, S. (Credit/No Credit) Students in the BFA in Studio Art Option or Graphic Design Option demonstrate competency in the major through submission of a senior portfolio. Portfolio requirements and submission time line are available from the department office. Co-requisites: Enrollment in a 4000-level Studio Art or Graphic Design course. **Prerequisites & Notes:** Senior standing in either the BFA in Art with Option in Studio Art or the BFA in Art with Option in Graphic Design. Credits: 0

ART 4755 - Special Topics in Art I.
(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. **Prerequisites & Notes:** Junior standing and a minimum of five courses in Art with one being an Art History course or permission of the instructor. May be repeated once on a different topic with permission of the department chair. Credits: 1 to 3

ART 4756 - Special Topics in Art II.
(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. **Prerequisites & Notes:** Junior standing and a minimum of five courses in Art with one being an Art History course or permission of instructor. May be repeated once on a different topic with permission of the department chair. Credits: 1 to 3

ART 4765 - Twentieth-Century American Painting and Sculpture.
(3-0-3) F. A study of major American artists, movements, and tendencies that have developed since 1908. WI **Prerequisites & Notes:** ART 2601G and ART 2602G or permission of instructor. Credits: 3

ART 4775 - 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. WI **Prerequisites & Notes:** ART 2601G and ART 2602G or permission of the instructor. Credits: 3

ART 4910 - Typography III.
(0-6-3) F. Advanced visualization studies investigating the application of visual communication concepts to problems involving sequential relationships. **Prerequisites & Notes:** ART 3920 and 3921. May be repeated once with permission of the Art Department Chair; only three semester hours may be accepted as graduate-level credit. Credits: 3

ART 4911 - Graphic Design III.
(0-6-3) F. Advanced application of visual communication concepts to design problems. **Prerequisites & Notes:** ART 3920 and 3921. Credits: 3

ART 4912 - Interactive/Motion Graphics III.
(0-6-3) F. Advanced communication problem-solving, emphasizing the integration of animation/motion graphics and interactive design. **Prerequisites & Notes:** ART 3922. Course restricted to students admitted to the BFA in Art Graphic Design Option. Credits: 3

ART 4920 - 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. **Prerequisites & Notes:** ART 4910 and 4911. May be repeated once with permission of the Art Department Chair; only three semester hours may be accepted as graduate-level credit. Credits: 3

ART 4921 - Graphic Design IV.
(0-6-3) S. Advanced visualization studies investigating the application of visual communication concepts to complex design problems. **Prerequisites & Notes:** ART 4910 and 4911. Credits: 3

ART 4922 - Interactive/Motion Graphics IV.
(0-6-3) S. Advanced communication design in interactive and motion media, emphasizing the creation and integration of original video. **Prerequisites & Notes:** ART 4912 (May not be taken concurrently.) Course restricted to students admitted to the BFA in Art Graphic Design Option. Credits: 3

B.A. in GENERAL STUDIES (BGS)

BGS 2985 - 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. WI **Prerequisites & Notes:** Admission to the Board of Trustees BA in General Studies Degree Program or permission of the instructor. Credits: 2

BGS 3001 - 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. WI **Prerequisites & Notes:** Admission to the BGS Degree Program and permission of the instructor. Credits: 3

BGS 4001 - Self-Directed Leadership.
(3-0-3) On Demand. In this capstone course for the B.A. in General Studies degree, students apply the transformative change process, critical thinking skills, and appreciative inquiry concepts to explore the influence of their educational experiences on their professional and personal lives and to assess and develop their self-directed learning and leadership skills. WI **Prerequisites & Notes:** Students must have completed at least 90 hours. Open only to majors in General Studies. Credits: 3

BIOLOGICAL SCIENCES (BIO)

BIO 1001G - 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 Credits: 3

BIO 1002G - 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. Credits: 3

BIO 1003G - 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. Credits: 3

BIO 1004G - 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 Credits: 3

BIO 1091G - 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. L1 900L WI **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

BIO 1092G - 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. **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

BIO 1093G - 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. WI **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

BIO 1094G - 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. **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

BIO 1100 - 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 910 Credits: 4

BIO 1150 - 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. Credits: 1

BIO 1200G - 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. BIO 910 **Prerequisites & Notes:** BIO 1100. Credits: 4

BIO 1300G - Animal Diversity.
(3-3-4) A study of the functional anatomy, systematics and natural history of the major groups of animals. BIO 910 **Prerequisites & Notes:** BIO 1100 Credits: 4

BIO 2001G - 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** Credits: 4

BIO 2002G - 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 towards 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. Credits: 3

BIO 2003G - 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. Credits: 3

BIO 2091G - 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. WI **Prerequisites & Notes:** Admission to the University Honors College. Credits: 4

BIO 2092G - 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 towards 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. **Prerequisites & Notes:** Admission to the University Honors College. Credits: 4

BIO 2093G - 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. WI **Prerequisites & Notes:** Admission to the University Honors College. Credits: 4

BIO 2200 - Human Anatomy.
(3-3-4) Models and cadaver study of normal human structure of muscular, skeletal, respiratory, cardiovascular, lymphatic, nervous, digestive, and urogenital systems. **Prerequisites & Notes:** BIO 1001G or BIO 1100, and BIO 2001G or BIO 1300G, or permission of the instructor. Credits: 4

BIO 2320 - 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 & Notes:** BIO 1200G or permission of the instructor. Credits: 3

BIO 3003G - An Introduction to Evolution.
(3-0-3) Course is for EIU programs that are exclusively online or off-campus (technology delivered), or non-BIO majors (traditional delivery only). A survey of the history, evidence, mechanisms and implications of evolutionary theory. Topics covered include natural selection, fossil formation, Mendelian genetics, attitudes towards evolutionary theory, and evolution of Homo sapiens. This course does not count toward Biological Sciences major or minor. Credits: 3

BIO 3120 - Molecular and Cellular Biology.
(2-4-4) F, S. A class on the biology of cells, with respect to the structures, functions, and interactions of biomolecules and organelles, to help students understand the molecular underpinnings of life. The laboratory portion of the class provides integrated experiments to allow students to learn and practice basic molecular biology techniques. Course replaces former courses BIO 3100 and BIO 3101. **Prerequisites & Notes:** BIO 1100, CHM 1410, and CHM 1415. Credits: 4

BIO 3200 - Genetics.
(3-2-4) The fundamental principles of genetics (classical, molecular, and population) stressing applications to all organisms. **Prerequisites & Notes:** BIO 3120 or CHM 3450. Credits: 4

BIO 3210 - Immunology.
(2-3-3) Basic principles and laboratory procedures for the study of immune responses. **Prerequisites & Notes:** BIO 3120 or BIO 3200 or concurrent enrollment. Credits: 3

BIO 3300 - 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. **Prerequisites & Notes:** BIO 1100. Credits: 4

BIO 3312 - Horticulture.
(2-2-3) The principles and practices of indoor and outdoor home gardening with emphasis on practical applications of horticulture. **Prerequisites & Notes:** BIO 1200G. Credits: 3

BIO 3322 - 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. **Prerequisites & Notes:** BIO 1200G. Credits: 3

BIO 3400 - 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. **Prerequisites & Notes:** EDP 3331 and SED 3330; for ISEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110. Credits: 3

BIO 3450A - Independent Study I.
(Arr.-Arr.-1-3) (Credit/No Credit) Individual study on a topic in biology selected by the student under the supervision of an instructor. May be repeated once for credit. **Prerequisites & Notes:** BIO 1100, 1200G, 1300G and permission of the department chairperson and instructor. This course is not intended for students who wish to complete a research project. Credits: 1 to 3

BIO 3450B - Independent Study II.
(Arr.-Arr.-1-3) (Credit/No Credit) Individual study on a topic in biology selected by the student under the supervision of an instructor. May not be repeated for elective credit. **Prerequisites & Notes:** BIO 1100, 1200G, 1300G and permission of the department chairperson and instructor. This course is not intended for students who wish to complete a research project. Must complete BIO 3450A twice. Credits: 1 to 3

BIO 3451A - Undergraduate Research I.
(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 once for credit to a maximum of three semester hours for elective credit in the major from BIO 3451A and 3451B. **Prerequisites & Notes:** BIO 1100, 1200G, 1300G and approval of instructor and department chairperson. Credits: 1 to 3

BIO 3451B - Undergraduate Research II.
(Arr.-Arr.-1-2) (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 once for credit to a maximum of three semester hours for elective credit in the major from BIO 3451A and 3451B. **Prerequisites & Notes:** BIO 1100, 1200G, 1300G and approval of instructor and department chairperson. Must have completed BIO 3451A twice. Credits: 1 to 2

BIO 3510 - Plant Physiology.
(2-4-4) The study of water relations, mineral nutrition, phytohormones, photosynthesis, respiration and physiological ecology. **Prerequisites & Notes:** BIO 1200G and BIO 3120; or CHM 3450. Credits: 4

BIO 3520 - Animal Physiology.
(3-3-4) A study of basic principles of animal physiology with emphasis on mammalian organ systems. WI **Prerequisites & Notes:** BIO 3120 or CHM 3450. Credits: 4

BIO 3612 - Plant Evolution and Diversity.
(2-3-3) The morphology, anatomy, life cycles, and evolutionary history of plants, including bryophytes, ferns and fern allies, gymnosperms, and angiosperms. WI **Prerequisites & Notes:** BIO 1200G. Credits: 3

BIO 3620 - 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. **Prerequisites & Notes:** BIO 1300G and junior-level standing. Credits: 4

BIO 3622 - 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. **Prerequisites & Notes:** BIO 1300G. Credits: 4

BIO 3624 - Histology.
(1-4-3) The structure and function of tissues, primarily human. Laboratory study is combined with discussion of normal tissue structures. **Prerequisites & Notes:** BIO 2200 or equivalent, or permission of the instructor. Credits: 3

BIO 3710 - 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 & Notes:** BIO1200G and BIO1300G. Credits: 3

BIO 3740 - Clinical Mycology.
(3-0-3) F. An introduction to the fungi which cause superficial, subcutaneous and systemic infections in humans and other vertebrate organisms with an emphasis on the history, classification, morphology, epidemiology, pathogenesis, histopathology, clinical treatment and prevention of the diseases fungi cause. **Prerequisites & Notes:** BIO 1200G and BIO 1300G or permission of instructor. Credits: 3

BIO 3800 - 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. WI **Prerequisites & Notes:** BIO 1200G and BIO 1300G. Credits: 4

BIO 3810 - Freshwater Ecology.
(1-4-3) The physical environment and biological communities involved in fresh water ecosystems. **Prerequisites & Notes:** BIO 1200G, 1300G, CHM 1310G, and 1315G. Credits: 3

BIO 3850 - Environmental Biology.
(2-3-3) On Demand. An introduction to the principles of environmental sciences for biology majors. This course investigates the foundations of environmental science with particular attention to environmental problems from a biological perspective and the costs and benefits to their "solutions" from the local to global scale. This course pays particular attention to how to analyze, interpret and present scientific information in the life sciences. **Prerequisites & Notes:** BIO 1200G and BIO 1300G or permission of instructor. Credits: 3

BIO 3888G - 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. **Prerequisites & Notes:** Permission of instructor. Credits: 4

BIO 3950 - Vertebrate Natural History.
(2-3-3) The natural history of vertebrates including distribution, reproduction, behavior, evolution, and phylogeny. WI **Prerequisites & Notes:** BIO 1300G. Credits: 3

BIO 3952 - 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. WI **Prerequisites & Notes:** BIO 1300G. Credits: 3

BIO 3960A - Special Topics.
(Arr.-Arr.-1-4) On Demand. Reading discussions, reports, on-campus and off-campus fieldwork on topics in biological sciences not ordinarily treated in existing courses. Topics to be announced. May be repeated once to a maximum of eight semester hours of credit in BIO 3960 courses with permission of the department chairperson. **Prerequisites & Notes:** BIO 1100, 1200G, 1300G and permission of the department chairperson and instructor. Credits: 1 to 4

BIO 3960B - Special Topics.
(Arr.-Arr.-1-4) On Demand. Reading discussions, reports, on-campus and off-campus fieldwork on topics in biological sciences not ordinarily treated in existing courses. Topics to be announced. May be repeated once to a maximum of eight semester hours of credit in BIO 3960 courses with permission of the department chairperson. **Prerequisites & Notes:** BIO 3960A (twice) and permission of the department chairperson and instructor. Credits: 1 to 4

BIO 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Credits: 1 to 15

BIO 4275 - Internship.
(Arr.-Arr.-6 or 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. The course may be repeated once for a total of not more than 12 hours. **Prerequisites & Notes:** 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. Credits: 6 or 12

BIO 4400A - Teaching in the Lab I.
(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 once. **Prerequisites & Notes:** Completion of the course in which the student is assisting with a grade of B or higher and permission of the instructor. Credits: 1

BIO 4400B - Teaching in the Lab II.
(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 not repeated. **Prerequisites & Notes:** Completion of 2 semester hours of BIO 4400A. Credits: 1

BIO 4444 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. May be taken twice for credit. Credits: 1 to 3

BIO 4555 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors coordinator. May be taken twice for credit up to six semester hours. Credits: 1 to 3

BIO 4644 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

BIO 4666 - Honors Seminar.
(2-0-1) Areas of investigation which require integration of Biological Sciences and research will be addressed. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors coordinator. May be taken twice for credit. Credits: 1

BIO 4750 - Biometrics.
(2-2-3) Methods of quantitative analysis of biological data at the population level. Emphasis placed on practical applications of statistical analysis. **Prerequisites & Notes:** Eighteen semester hours of biological sciences. Credits: 3

BIO 4751 - 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 & Notes:** BIO 3120 and 3200. Credits: 3

BIO 4810 - Plant Ecology.
(1-4-3) The application of investigative techniques to the study of the structure and successional patterns of plant communities. WI **Prerequisites & Notes:** Two years of Biological Sciences. Credits: 3

BIO 4812 - 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. **Prerequisites & Notes:** BIO 3800. BIO 4750 recommended. Credits: 3

BIO 4814 - 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. WI **Prerequisites & Notes:** BIO 3200 and 3800. Credits: 3

BIO 4816 - 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. **Prerequisites & Notes:** Major in Biological Sciences; 12 semester hours in Biological Sciences including BIO 3800 or 4810; or permission of the instructor. Credits: 3

BIO 4818 - 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. **Prerequisites & Notes:** BIO 3300 or equivalent or permission of the instructor. Credits: 4

BIO 4820 - 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. **Prerequisites & Notes:** BIO 3800 or permission of the instructor. Credits: 4

BIO 4830 - Comparative Vertebrate Physiology.
(3-0-3) A comparison of physiological activities of vertebrates and adaptations to their natural environment. **Prerequisites & Notes:** BIO 3520 and CHM 2430; CHM 3300 recommended. Credits: 3

BIO 4832 - Animal Behavior.
(3-3-4) Theoretical and experimental studies of the principles of animal behavior. **Prerequisites & Notes:** Sixteen semester hours of Biological Sciences or permission of the instructor. Credits: 4

BIO 4834 - 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. **Prerequisites & Notes:** BIO 3120 or permission of the instructor. Credits: 3

BIO 4836 - 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. **Prerequisites & Notes:** BIO 3300 or equivalent or permission of the instructor. Credits: 4

BIO 4840 - 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. **Prerequisites & Notes:** BIO 3800 or permission of the instructor. Credits: 3

BIO 4892 - 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. **Prerequisites & Notes:** BIO 1200G or permission of instructor. Credit not granted for both GEL 4892 and BIO 4892. Credits: 4

BIO 4914 - Plant Anatomy.
(2-3-3) F. A comprehensive study of the internal structure of vascular plants, focusing primarily on the anatomy of seed plants. The course emphasizes plant development and structural-functional relationships. The laboratory component of this class will introduce students to basic microtechniques and emphasize microscopic plant structure. Restriction: Junior status. **Prerequisites & Notes:** BIO 1200G or at least 9 semester hours in the biological sciences major. Credits: 3

BIO 4940 - 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. **Prerequisites & Notes:** BIO 1200G. Credits: 3

BIO 4942 - 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. WI **Prerequisites & Notes:** BIO 1200G. Credits: 3

BIO 4944 - Lichens.
(2-3-3) Systematic survey of the lichens, including their physiology, growth and development, reproduction, ecology, economic importance, and classification. Field trips required. WI **Prerequisites & Notes:** BIO 1200G. Credits: 3

BIO 4946 - Bryology.
(1-4-3) The structure, identification, life-history, and importance of the mosses and liverworts. Fall field trip is required. **Prerequisites & Notes:** BIO 1200G. Credits: 3

BIO 4948 - 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. **Prerequisites & Notes:** BIO 3322 or 3612 or permission of instructor. Credits: 3

BIO 4950 - Ichthyology.
(2-3-3) Study of the anatomy, physiology, systematics and zoogeography of fishes. **Prerequisites & Notes:** BIO 3800 or BIO 3950 or permission of instructor. Credits: 3

BIO 4952 - 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. **Prerequisites & Notes:** BIO 3800 or BIO 3950 and junior-level standing. Credits: 3

BIO 4954 - Ornithology.
(2-3-3) The identification, classification, distribution, and natural history of Midwestern birds. WI **Prerequisites & Notes:** BIO 3800 or BIO 3950 or permission of instructor. Credits: 3

BIO 4956 - Mammalogy.
(2-2-3) A study of mammals with emphasis on classification, distribution, natural history and ecology. **Prerequisites & Notes:** BIO 3800 or permission of the instructor. Credits: 3

BIO 4958 (3700) - Parasitology.
(3-3-4) F. A study of parasitism as a symbiotic relationship; to include identification, systematics, life histories, pathology, and control of common parasites of animals, including humans. **Prerequisites & Notes:** BIO 1300 or permission of instructor. Credits: 4

BIO 4960 - 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 & Notes:** BIO 1200G and either BIO 3322 or BIO 3612. Credits: 3

BIO 4964 - Entomology.
(3-3-4) F. A study of insects, and closely related arthropods, with regard to identification, ecology, morphology, physiology, and evolution. Methods of collection and specimen preparation are included. WI **Prerequisites & Notes:** BIO 1300G or permission of instructor. Course may not be repeated. Credits: 4

BIO 4984 - Organic Evolution.
(3-0-3) Fundamental principles of organic evolution stressing historical fact, evidences for and processes common to all biota. WI **Prerequisites & Notes:** BIO 1200G, 1300G, 3200, and senior-level standing. Credits: 3

BUSINESS (BUS)

BUS 1000 - 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. Credits: 2

BUS 1950 - 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. BUS 902 Credits: 3

BUS 2101 - 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. BUS 903 **Prerequisites & Notes:** Completion of 30 semester hours. Credits: 3

BUS 2102 - Managerial Accounting.
(3-0-3) F, S. 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. BUS 904 **Prerequisites & Notes:** BUS 2101 with a grade of C or better. Credits: 3

BUS 2275 - Internship in Business.
(Arr-Arr-1-15) (Credit/No Credit) Monitored work or service experience requiring development and application of business knowledge and skills. Course may be repeated once. **Prerequisites & Notes:** Completion of at least 30 semester hours and approval of Internship Learning Agreement by School of Business Chair or designee. Credits: 1-15

BUS 2710 - 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. **Prerequisites & Notes:** BUS 2101. Credits: 3

BUS 2750 - 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. BUS 913 **Prerequisites & Notes:** Completion of 30 semester hours or more. Credits: 3

BUS 2810 - 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. BUS 901 **Prerequisites & Notes:** Sophomore standing. Credits: 3

BUS 3010 - 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. **Prerequisites & Notes:** Junior standing. Credits: 3

BUS 3200 - 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 & Notes:** BUS 2750, ECN 2801G, ECN 2802G; and declared major in the School of Business or CTE major with business education emphasis or admission to a minor offered by the School of Business. Credits: 3

BUS 3470 - 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. **Prerequisites & Notes:** Junior standing. Credits: 3

BUS 3500 - 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. **Prerequisites & Notes:** 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. Credits: 3

BUS 3710 - 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. **Prerequisites & Notes:** BUS 2102, ECN 2802G, and junior standing or permission of the Chair, School of Business. Credits: 3

BUS 3950 - 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. **Prerequisites & Notes:** BUS 2810 and BUS 3010 and admission to the School of Business or permission of the Associate Chair. Credits: 3

BUS 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Course may be repeated once, with permission of the School of Business Associate Chair, as topics change. Credits: 1 to 15

BUS 3970A - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Course may be repeated once, with permission of the School of Business Associate Chair, as topics change. Credits: 1 to 15

BUS 4360 - 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 & Notes:** BUS 1950, 2101, 2102, 2750, 2810, 3010, 3470, 3500, 3710, 3950, senior standing and admission to the School of Business or permission of the Associate Chair. Credits: 3

BUS 4444 - Honors Independent Study.
(Arr.-Arr.-1-3) On Demand. Intensive investigation of a topic under the supervision of a School of Business faculty member. Course may be repeated once. **Prerequisites & Notes:** Admission to the Business Honors Program and approval of written Honors Independent Study Proposal by chair, department honors coordinator, and supervising faculty member. Credits: 1 to 3

BUS 4555 - Honors Research.
(3-0-3) On Demand. Study of research methods and processes including defining research problems, and collecting and analyzing data. Students will conduct a literature review and prepare a research proposal. **Prerequisites & Notes:** Admission to the Business, Family and Consumer Sciences, or Applied Engineering and Technology Departmental Honors Program and/or approval of the Business, Family and Consumer Sciences, or Technology Honors Coordinator. Course may not be repeated. Cross listed with FCS 4555 and AET 4555. Credits: 3

BUS 4644 - 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 & Notes:** 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. Credits: 1 to 3

BUS 4740 - Independent Study
(Arr.-Arr.-1-6) Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Course may be repeated once. **Prerequisites & Notes:** 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 School of Business Associate Chair, prior to registration. Credits: 1 to 6

CAREER & TECHNICAL EDUCATION (CTE)

CTE 1420 - 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 Credits: 3

CTE 2000 - 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. **Prerequisites & Notes:** Thirty hours of completed course work. Credits: 2

CTE 2001 - 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. **Prerequisites & Notes:** 30 hours of coursework and SED 2000 or its equivalent. Credits: 1

CTE 3000 - 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. Credits: 3

CTE 3100 - 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. Credits: 3

CTE 3400 - 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. WI **Prerequisites & Notes:** CTE 2000 and SED 3100 or 3330. Credits: 3

CTE 3401 - 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. **Prerequisites & Notes:** Co-requisites: CTE 3400 and one year of junior/high school keyboarding or one semester of college keyboarding, or demonstrated equivalency. Credits: 2

CTE 3402 - 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. **Prerequisites & Notes:** Co-requisite: CTE 3400. Credits: 2

CTE 3403 - 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. **Prerequisites & Notes:** Co-requisite: CTE 3400. Credits: 2

CTE 3404 - Seminar in Teaching Technology.
(2-0-2) F, S. A seminar to discuss professionalism, curriculum, resources, and legislation as it relates to technology. **Prerequisites & Notes:** Co-requisite: CTE 3400. Credits: 2

CTE 4913 - 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. Credits: 3

CTE 4923 - 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. Credits: 3

CHEMISTRY (CHM)

CHM 1040G - 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 Credits: 4

CHM 1310G - General Chemistry I.
(3-0-3) An introduction to fundamental chemical principles and related phenomena. Topics include: atomic and electronic structure, bonding, chemical composition, chemical reactions, gases, stoichiometry, and thermochemistry. P1 902; EGR 961; BIO 906; CHM 911; NUR 906 **Prerequisites & Notes:** 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. Credits: 3

CHM 1315G - General Chemistry Laboratory I.
(0-3-1) Experimental work illustrating chemical principles and concepts described in the companion lecture course. P1 902L; EGR 961; BIO 906 **Prerequisites & Notes:** Must be taken concurrently with CHM 1310G. Credits: 1

CHM 1390G - 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. P1 902; CHM 911; NUR 906 **Prerequisites & Notes:** One year of high school chemistry, intermediate algebra, and admission to the University Honors College. CHM 1395G must be taken concurrently. Credits: 3

CHM 1395G - General Chemistry Laboratory I, Honors.
(0-3-1) F. Experimental work demonstrating chemical principles and their applications. P1 902L WI **Prerequisites & Notes:** One year of high school chemistry, intermediate algebra, and admission to the University Honors College. Must be taken concurrently with CHM 1390G. Credits: 1

CHM 1410 - General Chemistry II.
(3-0-3) The second semester of the general chemistry sequence. Principles and applications of equilibrium, kinetics, thermodynamics, and electrochemistry. BIO 907; CHM 912; NUR 907 **Prerequisites & Notes:** CHM 1310G with a grade of C or better and CHM 1315G. CHM 1415 must be taken concurrently. Credits: 3

CHM 1415 - General Chemistry Laboratory II.
(0-3-1) Experimental work illustrating chemical principles and concepts described in the companion lecture course. Also includes an introduction to inorganic qualitative analysis. BIO 907; CHM 912; NUR 907 **Prerequisites & Notes:** CHM 1310G and 1315G. Must be taken concurrently with CHM 1410. Credits: 1

CHM 1440 - 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 & Notes:** 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. Credits: 1

CHM 1490 - 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. **Prerequisites & Notes:** CHM 1390G and 1395G, Honors, admission to the University Honors College. CHM 1495, Honors, must be taken concurrently. Credits: 3

CHM 1495 - General Chemistry Laboratory II, Honors.
(0-3-1) S. Experimental work demonstrating chemical principles and their applications. WI **Prerequisites & Notes:** Admission to the University Honors College. Must be taken concurrently with CHM 1490, Honors. Credits: 1

CHM 2040G - 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 detergents, personal care items, medicines, etc., will be emphasized. No credit toward major or minor in chemistry. Credits: 3

CHM 2310 - Inorganic Chemistry I.
(3-0-3) S. Physical and chemical properties of the elements and their compounds; basic coordination chemistry; properties of solids. **Prerequisites & Notes:** CHM 1410, 1415. Credits: 3

CHM 2430 - Survey of Organic Chemistry.
(3-0-3) A survey of organic compounds organized by the principal functional groups. Structure, properties, reactions, and mechanisms are included. BIO 908; CLS 908 **Prerequisites & Notes:** 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. Credits: 3

CHM 2435 - Survey of Organic Chemistry Laboratory.
(0-3-1) Laboratory experiments illustrating the major concepts of CHM 2430. **Prerequisites & Notes:** 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** Credits: 1

CHM 2440 - Organic Chemistry I.
(3-0-3) 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. NUR 908 **Prerequisites & Notes:** CHM 1410, 1415. Chemistry majors must select CHM 2445 concurrently. Credits: 3

CHM 2445 - Organic Chemistry Laboratory I.
(0-3-1) An introduction to common laboratory techniques of organic chemistry. Representative reactions of alkanes, alkenes, alkynes, alkyl halides, and aromatic compounds; spectroscopy of organic compounds. NUR 908 WI **Prerequisites & Notes:** CHM 1410, 1415; concurrent enrollment or prior credit in CHM 2440. Credits: 1

CHM 2730 - Quantitative Analysis.
(2-4-3) Theory and applications of gravimetric, volumetric, electrochemical, and spectrophotometric quantitative chemical analysis. **Prerequisites & Notes:** CHM 1410 with a grade of C or better and CHM 1415. Credits: 3

CHM 2840 - Organic Chemistry II.
(3-0-3) 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. EGR 964; BIO 909 **Prerequisites & Notes:** CHM 2440 with a grade of C or better and CHM 2445. Chemistry majors should take CHM 2845 concurrently. Credits: 3

CHM 2845 - Organic Chemistry Laboratory II.
(0-3-1) 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. EGR 964; BIO 909 WI **Prerequisites & Notes:** CHM 2440, CHM 2445; concurrent enrollment or prior credit in CHM 2840. Credits: 1

CHM 3000 - Undergraduate Seminar.
(2-0-0) Audit Only. For junior chemistry majors. **Prerequisites & Notes:** Junior standing and completion of 15 semester hours of chemistry courses or permission of the instructor. Credits: 0

CHM 3001 - Undergraduate Seminar.
(2-0-1) A thorough literature search of a recent development in chemistry and presentation of a talk based on this search. For juniors. **Prerequisites & Notes:** CHM 3000. Credits: 1

CHM 3100 - Practicum in Chemistry.
(1-ARR-1) 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. **Prerequisites & Notes:** 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. Credits: 1

CHM 3200 - Cooperative Education in Chemistry.
(Arr-Arr-1 to 4) On Demand. (Credit/No Credit) Individually planned work experience in industry or government, supervised jointly by Chemistry faculty and the host institution. Does not count for the chemistry major or minor. May be repeated once for credit. **Prerequisites & Notes:** 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. Credits: 1 to 4

CHM 3300 - Survey of Biochemistry.
(3-0-3) 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. **Prerequisites & Notes:** CHM 2430 and 2435 with a grade of C or better in both or CHM 2840 with a C or better. No credit for students with prior credit in CHM 3450. Credits: 3

CHM 3450 - 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. CLS 910; NUR 910 **Prerequisites & Notes:** CHM 2840 or concurrent enrollment therein. Credits: 3

CHM 3455 - Biochemistry Laboratory.
(0-6-2) S. Introduction to experimentation with biochemical systems, processes, and compounds including protein purification, enzyme kinetics, and recombinant DNA techniques. **Prerequisites & Notes:** CHM 2730 and 3450 (or CHM 3300 if a Chemistry major) or instructor permission. Credits: 2

CHM 3460 - 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. **Prerequisites & Notes:** CHM 3450 with a grade of C or better. Credits: 3

CHM 3500 - 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. **Prerequisites & Notes:** (CHM 2430, CHM2435) or (CHM 2440, 2445) or concurrent enrollment therein or 13 hours of chemistry or permission of the department chairperson Credits: 1

CHM 3780 - 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. WI **Prerequisites & Notes:** CHM 2730. Credits: 3

CHM 3910 - Chemical Thermodynamics and Kinetics.
(3-0-3) F. A study of the principles governing chemical change, including thermodynamics and kinetics. **Prerequisites & Notes:** Prior completion of or concurrent enrollment in CHM 2730, MAT 2442, PHY 1361 and 1362. Note: Prior completion of requisite MAT and PHY courses strongly recommended. Credits: 3

CHM 3915 - Physical Chemistry Laboratory.
(1-4-2) S. Experimental investigation of the thermodynamic and kinetic behavior of several chemical systems. WI **Prerequisites & Notes:** CHM 3910 with grade of C or better. Credits: 2

CHM 3920 - 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 & Notes:** CHM 2730 (or concurrent enrollment therein); PHY 1361 and 1362; MAT 2442. Credits: 3

CHM 3940 - 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.

Prerequisites & Notes: CHM 3910 or permission of instructor. Credits: 2

CHM 4000 - Undergraduate Seminar.
(2-0-0) Audit only. For seniors. **Prerequisites & Notes:** CHM 3001. Credits: 0

CHM 4001 - Undergraduate Seminar.
(2-0-1) A thorough literature search of a recent development in chemistry and the presentation of a talk based on this search. For seniors. **Prerequisites & Notes:** CHM 4000. Credits: 1

CHM 44001 - Undergraduate Research I.
(Arr.-Arr.-1-3) Laboratory or theoretical research in which the student works under the supervision of a faculty member. A written report is required. May be repeated once for credit and must be repeated prior to taking CHM 44002. **Prerequisites & Notes:** CHM 3500 or concurrent enrollment therein. Cumulative GPA of at least 2.50 (2.00 for chemistry majors with senior standing); permission of the instructor and department chairperson. A maximum of 3 semester hours from Undergraduate Research courses may be used toward chemistry major or minor requirements. Credits: 1 to 3

CHM 44002 - Undergraduate Research II.
(Arr.-Arr.-1-3) Laboratory or theoretical research in which the student works under the supervision of a faculty member. A written report is required. May be repeated once for credit and must be repeated prior to taking CHM 44003. **Prerequisites & Notes:** CHM 3500 and two semesters of CHM 44001. Cumulative GPA of at least 2.50 (2.00 for chemistry majors with senior standing); permission of the instructor and department chairperson. A maximum of 3 semester hours from Undergraduate Research courses may be used toward chemistry major or minor requirements. Credits: 1 to 3

CHM 44003 - Undergraduate Research III.
(Arr.-Arr.-1-3) Laboratory or theoretical research in which the student works under the supervision of a faculty member. A written report is required. May be repeated once for credit and must be repeated prior to taking CHM 44004. **Prerequisites & Notes:** Two semesters of CHM 44002. Cumulative GPA of at least 2.50 (2.00 for chemistry majors with senior standing); permission of the instructor and department chairperson. A maximum of 3 semester hours from Undergraduate Research courses may be used toward chemistry major or minor requirements. Credits: 1 to 3

CHM 44004 - Undergraduate Research IV.
(Arr.-Arr.-1-3) Laboratory or theoretical research in which the student works under the supervision of a faculty member. A written report is required. May be repeated once for credit. **Prerequisites & Notes:** Two semesters of CHM 44003. Cumulative GPA of at least 2.50 (2.00 for chemistry majors with senior standing); permission of the instructor and department chairperson. A maximum of 3 semester hours from Undergraduate Research courses may be used toward chemistry major or minor requirements. Credits: 1 to 3

CHM 44101 - Independent Study I.
(Arr.-Arr.-1-3) Intensive individual study on a topic in chemistry selected by the student under the supervision of an instructor. May not be repeated. **Prerequisites & Notes:** Permission of the department chairperson and instructor. A maximum of three semester hours credit from Independent Studies courses may be applied to the major in chemistry. Credits: 1 to 3

CHM 44102 - Independent Study II.
(Arr.-Arr.-1-3) Intensive individual study on a topic in chemistry selected by the student under the supervision of an instructor. May not be repeated. **Prerequisites & Notes:** Permission of the department chairperson and instructor. A maximum of three semester hours credit from Independent Studies courses may be applied to the major in chemistry. Credits: 1 to 3

CHM 44103 - Independent Study III.
(Arr.-Arr.-1-3) Intensive individual study on a topic in chemistry selected by the student under the supervision of an instructor. May not be repeated. **Prerequisites & Notes:** Permission of the department chairperson and instructor. A maximum of three semester hours credit from Independent Studies courses may be applied to the major in chemistry. Credits: 1 to 3

CHM 44104 - Independent Study IV.
(Arr.-Arr.-1-3) Intensive individual study on a topic in chemistry selected by the student under the supervision of an instructor. May not be repeated. **Prerequisites & Notes:** Permission of the department chairperson and instructor. A maximum of three semester hours credit from Independent Studies courses may be applied to the major in chemistry. Credits: 1 to 3

CHM 44441 - Honors Independent Study I.
(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. May not be repeated. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator, chairperson, and instructor. A maximum of three semester hours credit of Honors Independent Study may be applied to Departmental Honors and the major in chemistry. Credits: 1 to 3

CHM 44442 - Honors Independent Study II.
(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. May not be repeated. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator, chairperson, and instructor. A maximum of three semester hours credit of Honors Independent Study may be applied to Departmental Honors and the major in chemistry. Credits: 1 to 3

CHM 44443 - Honors Independent Study III.
(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. May not be repeated. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator, chairperson, and instructor. A maximum of three semester hours credit of Honors Independent Study may be applied to Departmental Honors and the major in chemistry. Credits: 1 to 3

CHM 44444 - Honors Independent Study IV.
(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. May not be repeated. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator, chairperson, and instructor. A maximum of three semester hours credit of Honors Independent Study may be applied to Departmental Honors and the major in chemistry. Credits: 1 to 3

CHM 45551 - Honors Research I.
(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. May be repeated once for credit and must be repeated prior to taking CHM 45552. Note: Two semester hours are required of students in the Departmental Honors Program. A maximum of three additional semester hours credit from Honors Research courses may be applied to Departmental Honors and the major in chemistry. **Prerequisites & Notes:** CHM 3500 or concurrent enrollment therein. Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator, chairperson, and instructor. Credits: 1 to 3

CHM 45552 - Honors Research II.
(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. May be repeated

once for credit. Two semester hours of CHM 45551 is required for Departmental Honors Program. A maximum of three additional semester hours credit from Honors Research courses may be applied to Departmental Honors and the major in chemistry. **Prerequisites & Notes:** Two semesters of CHM 45551. Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator, chairperson, and instructor. Credits: 1 to 3

CHM 4644 - 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. **Prerequisites & Notes:** A minimum of two credit hours in CHM 45551; admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator, chairperson, and instructor. Credits: 3

CHM 4666 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator, chairperson and instructor. Credits: 1

CHM 4750 - 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. **Prerequisites & Notes:** CHM 2730; CHM 2430 or CHM 2840. Credits: 3

CHM 4770 - Molecular Spectroscopy.
(0-6-2) F. Application of spectroscopic techniques to study molecular structures, properties and dynamics. Methods used include vibrational and rotational spectroscopy, laser spectroscopy, and computational techniques. WI **Prerequisites & Notes:** CHM 3915 (with a grade of C or better) and CHM 3920; or permission of instructor. Credits: 2

CHM 4790 - Medicinal Chemistry.
(3-0-3) On Demand. Basic principles of pharmacology, drug-receptor interaction, physiochemical properties as related to biological activity; synthesis of medicinally important molecules including strategic considerations. **Prerequisites & Notes:** CHM 2840 or permission of instructor. Credits: 3

CHM 4800 - Selected Topics in Chemistry.
(Arr.-Arr.-1 to 3) On Demand. A course in a selected area of chemistry. May be repeated once for credit if a different topic is taught. **Prerequisites & Notes:** Variable depending on topic. Credits: 1 to 3

CHM 4860 - Advanced Biochemistry.
(3-0-3) F. Topics may include protein structure and function, enzyme mechanisms, transcription, DNA replication, regulation of DNA expression, and cellular signaling pathways. **Prerequisites & Notes:** CHM 3460 or 3450 with instructor permission. Credits: 3

CHM 4900 - Inorganic Chemistry II.
(3-0-3) F. Bonding, structures, and reactivity of inorganic, organometallic, and bioinorganic compounds. **Prerequisites & Notes:** CHM 2310 with a grade of C or better; CHM 3910 (or concurrent enrollment therein). Credits: 3

CHM 4915 - 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. WI **Prerequisites & Notes:** CHM 2840, 2845, 3780, and 4900. Prior completion of CHM 3915 recommended. Credits: 3

CLINICAL LABORATORY SCIENCE (CLS)

CLS 4000 - 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. Credits: 4 to 6

CLS 4005 - Clinical Chemistry II.
(2 to 5) Theory and practice of analytical biochemistry as applied to urine and body fluids, including specialized tests for drugs and endocrine functions. Credits: 2 to 5

CLS 4010 - 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. Credits: 4 to 6

CLS 4020 - Clinical Hemostasis.
(1 to 2) Study of the platelet, vascular, coagulation, and fibrinolytic systems related to disease states and therapeutic monitoring. Credits: 1 to 2

CLS 4030 - 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. Credits: 3 to 5

CLS 4040 - 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. Credits: 2 to 3

CLS 4050 - 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. Credits: 5 to 6

CLS 4055 - 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. Credits: 2 to 3

CLS 4060 - 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. Credits: 1

CLS 4070 - 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. Credits: 1

COLLEGE OF SCIENCES (COS)

CSC 3100 - 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. Credits: 3

COMMUNICATION DISORDERS AND SCIENCES (CDS)

CDS 2000 - Introduction to Communication Disorders & 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 Credits: 1

CDS 2100 - 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. Credits: 3

CDS 2200 - Language Acquisition.
(3-0-3) The course will cover 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. Credits: 3

CDS 2500 - 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. Credits: 3

CDS 2800 - 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. **Prerequisites & Notes:** CDS 2500 or permission of the department chair. Credits: 3

CDS 3100 - 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. **Prerequisites & Notes:** Admission to the major, CDS 2100. Credits: 3

CDS 3200 - 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. **Prerequisites & Notes:** Admission to the major, CDS 2200; or permission of the chair. Credits: 3

CDS 3500 - Neurological/Embryological Aspects of Communication.
(3-0-3) S. Study of the neurological and embryological process of human communication. **Prerequisites & Notes:** Admission to the major, CDS 2500, or permission of the Chair. Credits: 3

CDS 3700 - 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 & Notes:** Prior completion or concurrent enrollment in CDS 3100, CDS 3200; Admission to the Communication Disorders and Sciences major. Credits: 3

CDS 3900 - Introduction to Clinical Techniques in Communication Disorders and Sciences.
(2-0-2) F, S. An introduction to a variety of methodologies used in the management of communication disorders. This course will include both lecture and small group discussion of video clips demonstrating the methodologies covered in lecture. Students will shadow a clinician to prepare them for future clinical practicum assignments. Students will complete 25 hours of pre-clinical observation required by the American Speech-Language-Hearing Association. Course restricted to CDS majors. This course is graded A, B, C, N/C. WI **Prerequisites & Notes:** Admission to the major and prior completion of CDS 3100, 3200, and 3700. Course may not be repeated. Credits: 2

CDS 4300 - 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 & Notes:** Admission to the major, CDS 2500 and 2800; or permission of the Department Chair. Credits: 3

CDS 4350 - 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. **Prerequisites & Notes:** Admission to the major, CDS 4300; or permission of the department chair. Credits: 3

CDS 4600 - Seminar in Communication Disorders and Sciences.
(3-0-3) F, S. A case study format is used to explore the etiology, diagnosis, and treatment of speech, language, and hearing disorders. The focus of this course is on the use of critical thinking skills and evidence-based practice information to design diagnostic plans, interpret diagnostic results and develop treatment plans. The course will allow students to integrate and apply information from numerous university and departmental undergraduate learning goals in this capstone experience. WI **Prerequisites & Notes:** Completion of CDS 3100, 3200, and 3700; and completion of or concurrent enrollment in CDS 3900 and 4300. Open only to Senior CDS majors. Course may not be repeated. Credits: 3

CDS 4644 - Honors Thesis.
(Arr.-Arr.-3) (Replaces six semester hours of electives.) (May be repeated once to a maximum of six semester hours). Original research in speech, language, or hearing science. A written report and oral presentation are required. WI **Prerequisites & Notes:** 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. Credits: 3

CDS 4666 - 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. **Prerequisites & Notes:** Admission to the Department Honors Program in Communication Disorders & Sciences and permission of the department honors coordinator and department chair. Credits: 3

CDS 4690 - Honors Seminar in Communication Disorders and Sciences.
(3-1-3) F, S. A case study format is used to explore the etiology, diagnosis, and treatment of speech, language, and hearing

disorders. The focus of this course is on the use of critical thinking skills and evidence-based practice information to design diagnostic plans, interpret diagnostic results and develop treatment plans. The lab component which is unique to the honor's course will discuss research methods and experimental designs for answering evidence-based diagnostic and treatment questions. WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and completion of CDS 3100, 3200, 3700, 3900, 4666, and PSY 2610; and completion of or current enrollment in CDS 4300. Open only to Senior CDS majors. Course may not be repeated. Credits: 3

CDS 4760 - Voice Production and Disorders.
(3-0-3) F. Study of normal anatomy and physiology of voice production and the etiology of and treatment of functional, psychogenic, neurologic, and organic voice disorders. **Prerequisites & Notes:** CDS 2500, 2800; Admission to the major or permission of the instructor. Credits: 3

CDS 4800 - 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. **Prerequisites & Notes:** CDS 3100, 3200, and 3700. Credits: 3

CDS 4820 - Language and Literacy.
(2-0-2) S. Course content will cover the oral to written language connection and the role of the speech-language pathologist in facilitating development of literacy skills. Assessment and intervention techniques will be covered. **Prerequisites & Notes:** Admission to the major, CDS 3100, 3200, 3700; or permission of the chair. Credits: 2

CDS 4850 - Independent Study.
(Arr.-Arr.-1 to 6) (May be repeated once to maximum of six semester hours.) Independent directed study in speech, language, or hearing processes or disorders. **Prerequisites & Notes:** Admission to major and permission of department chair. Credits: 1 to 6

CDS 4900 - Clinical Practice.
(Arr.-Arr.-1) F, S. (Credit/No Credit) Supervised work with persons with a communication disorder. **Prerequisites & Notes:** 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. Credits: 1

COMMUNICATION STUDIES (CMN)

CMN 1310G - 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 Credits: 3

CMN 1390G - 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. C2 900 **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

CMN 2010 - Introduction to Communication Theories.
(3-0-3) On Demand. A survey of communication theories in rhetorical, public, interpersonal, organizational, and mediated contexts. Credits: 3

CMN 2020 - Communication Research Methods.
(3-0-3) On Demand. This course introduces students to the communication discipline through encountering its publications and resources. We will focus on the major areas of study and inquiry in communication studies, different research methods, and the use of APA style. Students will work on a variety of research and writing activities throughout the semester. WI Credits: 3

CMN 2030 - 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. Credits: 3

CMN 2040 - 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. Credits: 3

CMN 23751 - Practical Experience I.
(Arr-Arr-1) F. This course gives students practical experience in communication practices in an organizational setting. **Prerequisites & Notes:** The course is restricted to Communication Studies majors and minors and cannot be used as an elective in the major. May be repeated once for a combined maximum credit of 4 semester hours in practical experience. Credits: 1

CMN 23752 - Practical Experience II.
(Arr-Arr-1) F. This course gives students practical experience in communication practices in an organizational setting. **Prerequisites & Notes:** The course is restricted to Communication Studies majors and minors and cannot be used as an elective in the major. May be repeated once for a combined maximum credit of 4 semester hours in practical experience. Credits: 1

CMN 23753 - Practical Experience III.
(Arr-Arr-1) F. This course gives students practical experience in communication practices in an organizational setting. **Prerequisites & Notes:** The course is restricted to Communication Studies majors and minors and cannot be used as an elective in the major. May be repeated once for a combined maximum credit of 4 semester hours in practical experience. Credits: 1

CMN 23754 - Practical Experience IV.
(Arr-Arr-1) F. This course gives students practical experience in communication practices in an organizational setting. **Prerequisites & Notes:** The course is restricted to Communication Studies majors and minors and cannot be used as an elective in the major. May be repeated once for a combined maximum credit of 4 semester hours in practical experience. Credits: 1

CMN 2520 - 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. Credits: 3

CMN 2525 - Studio Production.
(1-4-3) 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. Credits: 3

CMN 2550 - 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 Credits: 3

CMN 2575 - Field Production.
(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. **Prerequisites & Notes:** CMN 2525 or permission of instructor. Credits: 3

CMN 2630 - 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. Credits: 3

CMN 2650 - Introduction to Organizational Communication.
(3-0-3) This course includes basic theories, structures and functions of communication in business and professional settings. It also includes effective leadership, decision making, and management of communication techniques. Credits: 3

CMN 2920 - Introduction to Public Relations.
(3-0-3) F, S. This course surveys the history, growth, and practice of the public relations field while addressing the major issues public practitioners face today. It is designed to provide students with the necessary background of the public relations field a practitioner needs to be successful in our program and in the job market. It addresses public relations' dominant paradigm and major approaches while illuminating important issues faced by the field and the industry. Credit will not be given for both CMN 2920 and CMN/JOU 3920. Credits: 3

CMN 3100 - 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. Credits: 3

CMN 3200 - 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 Credits: 3

CMN 3210 - 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 Credits: 3

CMN 3220 - 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 Credits: 3

CMN 3230 - Advanced Public Speaking.
(3-0-3) On Demand. Principles and techniques of audience analysis, topic analysis and preparation, communication theories, and performance and evaluation. **Prerequisites & Notes:** CMN 1310G. Credits: 3

CMN 3240 - 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 Credits: 3

CMN 3250 - 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 Credits: 3

CMN 3260 - Communication of Class in U.S. Culture.
(3-0-3) On Demand. This course examines ways in which socio-economic class is constituted through public discourses. Students will learn how to use critical theories to investigate discourses that sustain a multilayered class system. Topics include the discourses of poverty, homelessness, immigration, and media representations of class. Credits: 3

CMN 3270 - 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 Credits: 3

CMN 3300 - 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 Credits: 3

CMN 3470 - Small Group Communication.
(3-0-3) On Demand. An analysis of theoretical constructs in group dynamics, leadership, participation, and evaluation of group performance. **Prerequisites & Notes:** CMN 2030 or Permission of Instructor. Credits: 3

CMN 3500 - 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. **Prerequisites & Notes:** CMN 2920 or permission of instructor. Credits: 3

CMN 3520 - 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. MC 915 **Prerequisites & Notes:** CMN 2525, 2550. Credits: 3

CMN 3530 - 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 Credits: 4

CMN 3540 - Videography.
(1-4-3) On Demand. The study and practice of the production of video programs, with an emphasis on camera techniques. Practical experience in a wide variety of production exercises.

Prerequisites & Notes: CMN 2575 or Permission of Instructor. Credits: 3

CMN 3560 - 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. **Prerequisites & Notes:** CMN 2520. Credits: 3

CMN 3570A - Topics in Media History I.
(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. **Prerequisites & Notes:** CMN 2520. May be repeated once when topics vary. Credits: 3

CMN 3570B - Topics in Media History II.
(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. **Prerequisites & Notes:** CMN 2520. May be repeated once when topics vary. Credits: 3

CMN 3570D - Topics in Media History III.
(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. **Prerequisites & Notes:** CMN 2520. May be repeated once when topics vary. Credits: 3

CMN 3610 - Broadcast News.
(2-2-3) On Demand. The study and practice of basic broadcast news skills with an emphasis on gathering, writing, producing and disseminating information via radio and television. Cross-listed with JOU 3610. WC **Prerequisites & Notes:** JOU 3002 or CMN 2575, or permission of instructor. Credit not granted for both JOU 3610 and CMN 3610. Credits: 3

CMN 3620 - Advanced Broadcast News.
(2-2-3) On Demand. The study and practice of advanced broadcast news skills with an emphasis on writing, shooting, editing, anchoring, reporting and producing news for radio, television and online media. Cross-listed with JOU 3620. **Prerequisites & Notes:** CMN/JOU 3610 or permission of instructor. Credit not granted for both JOU 3620 and CMN 3620. Credits: 3

CMN 3640 - Advanced Interpersonal Communication.
(3-0-3) On Demand. This course is designed to provide advanced understandings of interpersonal communication. Major theories and research findings are utilized to explain personal and professional interactions in multiple interpersonal contexts. Particular attention is given to communication with family, friends, romantic partners, and in the workplace. **Prerequisites & Notes:** CMN 2630 (Cannot be taken concurrently.) Credits: 3

CMN 3650 - 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. WI **Prerequisites & Notes:** CMN 2650 or permission of instructor. Credits: 3

CMN 3660 - 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 Credits: 3

CMN 3710 - 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. SPC 916 **Prerequisites & Notes:** CMN 2630 or permission of instructor. Credits: 3

CMN 3750 - 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. **Prerequisites & Notes:** CMN 2030. Credits: 3

CMN 3752 - 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. **Prerequisites & Notes:** CMN 2030 and CMN 3750. Credits: 3

CMN 3900 - 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. **Prerequisites & Notes:** CMN 2320 and 2040 or permission of instructor. Credits: 3

CMN 3903 - Communication of Gender and the Body.
(3-0-3) On Demand. This course is an exploration of the ways in which identity categories, such as woman and man, feminine and masculine, homosexual and heterosexual, are constructed and maintained through public and popular discourses. In part, we will study the theoretical literatures in communication, feminism, poststructural, and queer theory that “trouble” supposedly static categories of gender. Credits: 3

CMN 3910 - 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. Credits: 3

CMN 3920 - 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. Credits: 3

CMN 3940 - 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. **Prerequisites & Notes:** CMN 3100. Credits: 3

CMN 3950 - Conferences 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. **Prerequisites & Notes:** CMN 2650. Credits: 3

CMN 3953 - 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 sports broadcasting and the state of these fields today. Credit will not be given for both CMN 3953 and JOU 3953. Cross-listed with JOU 3953. WI **Prerequisites & Notes:** ENG 1001G and ENG 1002G; JOU 2001 or CMN 2520 or permission of instructor. Credits: 3

CMN 3960 - 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 **Prerequisites & Notes:** CMN 2920 or permission of instructor. Credits: 3

CMN 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Credits: 1 to 15

CMN 40001 - Independent Study I.
(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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, permission of the chair and 2.75 grade-point average. May be repeated once for credit, but only six hours of credit in any combination of CMN 4000, 4275 and 4375 may be counted for a single option. Credits: 3

CMN 40002 - Independent Study II.
(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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, permission of the chair and 2.75 grade-point average. May be repeated once for credit, but only six hours of credit in any combination of CMN 4000, 4275 and 4375 may be counted for a single option. Credits: 3

CMN 4030A - Seminar I.
(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 once when topics vary. A maximum of six hours of CMN 4030 may count toward the major. Credits: 3

CMN 4030B - Seminar II.
(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 once when topics vary. A maximum of six hours of CMN 4030 may count toward the major. Credits: 3

CMN 4030D - Seminar III.
(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 once when topics vary. A maximum of six hours of CMN 4030 may count toward the major. Credits: 3

CMN 4030E - Seminar IV.
(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 once when topics vary. A maximum of six hours of CMN 4030 may count toward the major. Credits: 3

CMN 42751 - Internship I.
(Arr.-Arr.-1-12) On Demand. (Credit/No Credit) On-the-job experience in a firm or organization approved by the department. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, 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. To be taken Credit/No Credit, but not to count against the maximum of 12 semester hours in Credit/No Credit option. May be repeated once for credit, but only six hours of credit in any combination of CMN 40001 or 40002, 4275 and 4375 may be counted for a single option. Credits: 1 to 12

CMN 42752 - Internship II.
(Arr.-Arr.-1-12) On Demand. (Credit/No Credit) On-the-job experience in a firm or organization approved by the department. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, 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. To be taken Credit/No Credit, but not to count against the maximum of 12 semester hours in Credit/No Credit option. May be repeated once for credit, but only six hours of credit in any combination of CMN 40001 or 40002, 4275 and 4375 may be counted for a single option. Credits: 1 to 12

CMN 42753 - Internship III.
(Arr.-Arr.-1-12) On Demand. (Credit/No Credit) On-the-job experience in a firm or organization approved by the department. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, 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. To be taken Credit/No Credit, but not to count against the maximum of 12 semester hours in Credit/No Credit option. May be repeated once for credit, but only six hours of credit in any combination of CMN 40001 or 40002, 4275 and 4375 may be counted for a single option. Credits: 1 to 12

CMN 42754 - Internship IV.
(Arr.-Arr.-1-12) On Demand. (Credit/No Credit) On-the-job experience in a firm or organization approved by the department. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, 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. To be taken Credit/No Credit, but not to count against the maximum of 12 semester hours in Credit/No Credit option. May be repeated once for credit, but only six hours of credit in any combination of CMN 40001 or 40002, 4275 and 4375 may be counted for a single option. Credits: 1 to 12

CMN 43751 - Practicum I.
(Arr.-Arr.-1-3) On Demand. (Credit/No Credit) Students apply communication skills in a leadership and supervisory role. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, 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. Minimum of 40 contact hours for each semester hour of credit. May be repeated once for credit, but only six hours of credit in any combination of CMN 4000, 4275 and 4375 may be counted for a single option. Credits: 1 to 3

CMN 43752 - Practicum II.
(Arr.-Arr.-1-3) On Demand. (Credit/No Credit) Students apply communication skills in a leadership and supervisory role. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, 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. Minimum of 40 contact hours for each semester hour of credit. May be repeated once for credit, but only six hours of credit in any combination of CMN 4000, 4275 and 4375 may be counted for a single option. Credits: 1 to 3

CMN 4420 - 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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030,

2040 with a grade of "C" or better, and CMN 2520 and 2650 or permission of Instructor. Credits: 3

CMN 44441 - Honors Independent Study I.
(Arr.-Arr.-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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, admission to the Departmental Honors Program and permission of Honors Coordinator. May be repeated once for a maximum of six credit hours. Credits: 3 to 6

CMN 44442 - Honors Independent Study II.
(Arr.-Arr.-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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, admission to the Departmental Honors Program and permission of Honors Coordinator. May be repeated once for a maximum of six credit hours. Credits: 3 to 6

CMN 45551 - Honors Research I.
(Arr.-Arr.-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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, admission to the Departmental Honors Program and permission of Honors Coordinator. May be repeated once for a maximum of six credit hours. Credits: 3 to 6

CMN 45552 - Honors Research II.
(Arr.-Arr.-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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, admission to the Departmental Honors Program and permission of Honors Coordinator. May be repeated once for a maximum of six credit hours. Credits: 3 to 6

CMN 4450 - Electronic Media Profession.
(3-0-3) On Demand. An overview of the Electronic Media profession, including an in-depth look at radio and television organizational structures, programming strategies, revenue streams, regulation, ethical standards, and current issues. WI **Prerequisites & Notes:** CMN 2575. Credits: 3

CMN 4500A - Topics in Electronic Media Production I.
(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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, and CMN 2525 and CMN 3520 or CMN 2525, 2575 and CMN 3540 or permission of instructor. May be repeated when topics vary. Credits: 3

CMN 4500B - Topics in Electronic Media Production II.
(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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, and CMN 2525 and CMN 3520 or CMN 2525, 2575 and CMN 3540 or permission of instructor. May be repeated when topics vary. Credits: 3

CMN 4500D - Topics in Electronic Media Production III.
(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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, and CMN 2525 and CMN 3520 or CMN 2525, 2575 and CMN 3540 or permission of instructor. May be repeated when topics vary. Credits: 3

CMN 4500E - Topics in Electronic Media Production IV.
(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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, and CMN 2525 and CMN 3520 or CMN 2525, 2575 and CMN 3540 or permission of instructor. May be repeated when topics vary. Credits: 3

CMN 4540 - 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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of "C" or better, and CMN 2575 or permission of instructor. Credits: 3

CMN 4644 - 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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of "C" or better, admission to the Departmental Honors Program and permission of Honors Coordinator. Credits: 3

CMN 4650 - 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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of "C" or better, and CMN 2650 and 3650 or permission of instructor. Credits: 3

CMN 4651 - 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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of "C" or better, and CMN 2030, 2650, 3470 and 3650 or permission of instructor. Credits: 3

CMN 4666 - 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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of "C" or better, admission to the Departmental Honors Program and permission of Honors Coordinator. Credits: 3 to 6

CMN 4700 - 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. WI **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of "C" or better, CMN 2040, and CMN 3100. Credits: 3

CMN 4750 - 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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of "C" or better, and CMN 2520 or graduate standing or permission of instructor. Credits: 3

CMN 4765 - 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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of "C" or better. Credits: 3

CMN 4770 - 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 **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of "C" or better. Credits: 3

CMN 4780 - 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. WI **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of "C" or better, and CMN 3200 or CMN 3270 or CMN 3560 or graduate standing. Credits: 3

CMN 4800 - 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 **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of "C" or better. Credits: 3

CMN 4820 - 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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of "C" or better. Credits: 3

CMN 4850A - Topics in Computer Mediated Communication I.
(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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, and CMN 2030, 3750 and 3752 or permission of instructor. May be repeated once with a change in course content. Credits: 3

CMN 4850B - Topics in Computer Mediated Communication II.
(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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, and CMN 2030, 3750 and 3752 or permission of instructor. May be repeated once with a change in course content. Credits: 3

CMN 4910 - 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. Credits: 3

CMN 4919 - 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. **Prerequisites & Notes:** Completion of CMN 2010, 2020, 2030, 2040 with a grade of "C" or better, CMN 3100, 3960, and senior standing. Credit will not be given for both CMN 4919 and JOU 4919. Credits: 3

CMN 4920 - 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. **Prerequisites & Notes:** CMN 3960 or permission of instructor. Credit will not be given for both CMN 4920 and JOU 4920. Credits: 3

EARTH SCIENCE (ESC)

ESC 1300G - 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 **Prerequisites & Notes:** Grade and credit hours for this course will be removed if student already has credit for or is registered in ESC/GEL 1320G. Credits: 4

ESC 1320G - Geology of National Parks.
(3-2-4) F, S. Explore the interesting features and sweeping landscapes that make the National Park system the pride of America. From a scientific perspective, students will become familiar with the geologic phenomena existing in the National Parks and gain a better appreciation of their creation and importance. Learning about these natural wonders will be facilitated by lecture, videos, virtual field trips, lab work and a field trip. Cross listed with GEL 1320G. **Prerequisites & Notes:** Grade and credit hours for this course will be removed if student already has credit for or is registered in ESC/GEL 1300G. Credits: 4

ESC 1390G - 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. WI **Prerequisites & Notes:** Admission to the University Honors College. Credits: 4

ESC 1400G - 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 Credits: 4

ESC 1490G - 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. P1 905L WI **Prerequisites & Notes:** Admission to the University Honors College. Credits: 4

ESC 1500G - Introduction to Physical Geography and Earth Systems Science.
(3-2-4) F, S. An introduction to the Earth's physical geography - the atmosphere (air), hydrosphere (water), lithosphere (solid Earth), and biosphere (life) - and how these integrated systems influence one another and provide ecosystem services for all life on Earth. Credits: 4

ESC 2420 - 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 Credits: 3

ESC 2450G - 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. Credits: 3

ESC 3010G - 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. Credits: 3

ESC 3020 - 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 Credits: 3

ESC 3200 - Human Impacts on the Environment.
(3-0-3) Emphasis on human impacts on the environment and the necessity of conservation. Discussion of sustainability and resources as potential factors limiting society's development. Focus on humans as agents of environmental change. Cross-listed with GEG 3200. Credits: 3

ESC 3300 - 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. **Prerequisites & Notes:** GEL/ESC 1300G or GEL/ESC 1320G or GEL/ESC 1390G or GEL/ESC3010G; and CHM 1310G and 1315G. Credits: 3

ESC 3400 - Broadcast Meteorology Practicum.
(3-0-3) F. Study of forecasting techniques, synoptic meteorology, and using scientific methods in determining a meteorological forecast for the general public. Students will engage in preparing daily forecasts from meteorological models and then broadcast their results online. This course will enhance the students' future in broadcasting by merging science and communication. Students will have an opportunity to work with WEIU-TV. Cross-listed with GEG 3400. **Prerequisites & Notes:** ESC 1400G. Credits: 3

ESC 3410 - 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. **Prerequisites & Notes:** ESC 1400G (or equivalent). Credits: 3

ESC 3415 - The Restless Atmosphere.
(3-0-3) On Demand. This course is designed to provide students with an understanding of the essential processes responsible for determining patterns in our atmospheric system. It will emphasize principal components of the atmosphere from a human perspective. Topics covered will include discussions of climate variability, severe weather, anthropogenic climate change, and atmospheric forecasting. It also stresses the dynamic nature of the atmosphere as it affects humans and their activities. Cross-listed with GEG 3415. Credits: 3

ESC 3530 - 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. **Prerequisites & Notes:** Corequisite: STA 3970. Consent of the instructor. Credits: 4

ESC 3550 - 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. Writing intensive. WI **Prerequisites & Notes:** ESC/GEL 1300G. Credits: 3

ESC 3830 - GIS: Building Geodatabases.
(2-2-3) S. This course covers the fundamental concepts of building geographic databases and focuses on the storage, management, and quality control of GIS data. Students will learn how to create Esri Geodatabases, how to migrate existing data to a geodatabase, and how to edit data stored in a geodatabase. GEG 5830 is an equivalent course. Cross-listed with GEG 3830. **Prerequisites & Notes:** GEG 3810 or permission from the instructor. Credits: 3

ESC 3850 - GPS: Mapping the Modern Way.
(2-2-3) S. Introduction to the Global Positioning System, with an emphasis on GPS theory, GPS field applications, GPS data manipulation, and GPS data presentation using computer mapping techniques. Cross-listed with GEG 3850. Credits: 3

ESC 39601 - Special Topics I.
(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 once. No more than six hours of Special Topics credit. **Prerequisites & Notes:** Minimum of two courses in earth science (ESC) or consent of the instructor. Credits: 1 to 4

ESC 39602 - Special Topics II.
(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 once. No more than six hours of Special Topics credit. **Prerequisites & Notes:** Minimum of two courses in earth science (ESC) or consent of the instructor. Credits: 1 to 4

ESC 39603 - Special Topics III.
(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 once. No more than six hours of Special Topics credit. **Prerequisites & Notes:** Minimum of two courses in earth science (ESC) or consent of the instructor. Credits: 1 to 4

ESC 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Credits: 1 to 15

ESC 3990 - 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. WI **Prerequisites & Notes:** 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. Credits: 1 to 4

ESC 42751 - Internship in Earth Science I.
(Arr.-Arr.-1-6) On Demand. (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 three semester hours may be counted as elective credit in the Earth Science minor. **Prerequisites & Notes:** 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. May be repeated once. No more than 12 hours of Internship credit. Credits: 1 to 6

ESC 42752 - Internship in Earth Science II.
(Arr.-Arr.-1-6) On Demand. (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 three semester hours may be counted as elective credit in the Earth Science minor. **Prerequisites & Notes:** 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. May be repeated once. No more than 12 hours of Internship credit. Credits: 1 to 6

ESC 42753 - Internship in Earth Science III.
(Arr.-Arr.-1-6) On Demand. (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 three semester hours may be counted as elective credit in the Earth Science minor. **Prerequisites & Notes:** 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. May be repeated once. No more than 12 hours of Internship credit. Credits: 1 to 6

ESC 44001 - Independent Study I.
(Arr.-Arr.-1) Individual study under faculty supervision on a topic selected by the student. May be repeated once. No more than six hours of Independent Study credit. **Prerequisites & Notes:** Permission of the faculty supervisor and approval of the department chairperson. Credits: 1

ESC 44002 - Independent Study II.
(Arr.-Arr.-2) Individual study under faculty supervision on a topic selected by the student. May be repeated once. No more than six hours of Independent Study credit. **Prerequisites & Notes:** Permission of the faculty supervisor and approval of the department chairperson. Credits: 2

ESC 44003 - Independent Study III.
(Arr.-Arr.-3) Individual study under faculty supervision on a topic selected by the student. May be repeated once. No more than six hours of Independent Study credit. **Prerequisites & Notes:** Permission of the faculty supervisor and approval of the department chairperson. Credits: 3

ESC 44301 - Undergraduate Research in Earth Science I.
(Arr.-Arr.-1) On Demand. Field, laboratory, or theoretical research. Faculty supervised. A written report of an oral presentation is required. **Prerequisites & Notes:** Completion of 15 semester hours of Earth Science/Geology courses (ESC/GEL), permission of department chair. May be repeated once. No more than six hours of Undergraduate Research credit in combined department undergraduate research courses (Geology, Earth Science, Geography). Credits: 1

ESC 44302 - Undergraduate Research in Earth Science I.
(Arr.-Arr.-2) On Demand. Field, laboratory, or theoretical research. Faculty supervised. A written report of an oral presentation is required. **Prerequisites & Notes:** Completion of 15 semester hours of Earth Science/Geology courses (ESC/GEL), permission of department chair. May be repeated once. No more than six hours of Undergraduate Research credit in combined department undergraduate research courses (Geology, Earth Science, Geography). Credits: 2

ESC 44303 - Undergraduate Research in Earth Science II.
(Arr.-Arr.-3) On Demand. Field, laboratory, or theoretical research. Faculty supervised. A written report of an oral presentation is required. **Prerequisites & Notes:** Completion of 15 semester hours of Earth Science/Geology courses (ESC/GEL), permission of department chair. May be repeated once. No more than six hours of Undergraduate Research credit in combined department undergraduate research courses (Geology, Earth Science, Geography). Credits: 3

ESC 4900 - Earth Science Field Experience for Teachers.
(2-6-5) Su. Introduction to and field investigations of earth materials and resources, geological and geomorphical processes, and their historical relationships. **Prerequisites & Notes:** Teaching certificate or permission of the instructor. Credits: 5

ESC 4950 - 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. **Prerequisites & Notes:** Prerequisite or corequisite: ESC 4900. Credits: 1 to 3

ECONOMICS (ECN)

ECN 2800G - Economics of Social Issues.
(3-0-3) This is an applied economics course. It analyzes current social issues using concepts, principles, and models from economic theory. 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, nor the 21 semester-hour requirement for an economics minor, nor the Option in Economics with International Studies. Credits: 3

ECN 2801G - 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 goal of stable prices, high employment, and steady growth. Online sections are available to off-campus students only. S3 901 Credits: 3

ECN 2802G - 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. S3 902 **Prerequisites & Notes:** ECN 2801G or ECN 2891G. Online sections are available to off-campus students only. Credits: 3

ECN 2891G - Principles of Macroeconomics, Honors.
(3-0-3) F. 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. May be used as a substitute for ECN 2801G. S3 901 **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

ECN 2892G - Principles of Microeconomics, Honors.
(3-0-3) S. 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. May be used as a substitute for ECN 2802G. S3 902 **Prerequisites & Notes:** ECN 2801G or ECN 2891G and admission to the University Honors College. Credits: 3

ECN 3100 - 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. Credits: 3

ECN 3450 - Game Theory.
(3-0-3) S. The 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 & Notes:** MAT 1271; may not be taken concurrently. Credits: 3

ECN 3720 - Sports Economics.
(3-0-3) F. The application of the principles of economics to evaluate professional and amateur sports, focusing on issues such as league structure, team decision-making, labor relations, stadium financing, and the role of public policy. **Prerequisites & Notes:** ECN 2802G. Credits: 3

ECN 3780 - Industrial Organization.
(3-0-3) S. A survey of Industrial Organization, a branch of applied microeconomics which examines the causes and effects of different market structures on pricing and product choices. Students will analyze strategic economic interaction among consumers, firms, and government as it relates to subjects such as price discrimination, advertising, contracting, and anti-trust policy. **Prerequisites & Notes:** ECN 2802G or permission of the department chairperson. Credits: 3

ECN 3810 - Economics of Natural Resources.
(3-0-3) F. An introduction to the economic analysis of natural resources and the environment. Credits: 3

ECN 3833 - Economic Development of Modern Europe.
(3-0-3) S. A survey of the economic history of Europe with primary emphasis on the period after 1850. Credits: 3

ECN 3835 - American Economic Development.
(3-0-3) F. An examination of the evolution of the U.S. economy with an emphasis on basic economic institutions and the major forces in the process of growth and development. WI Credits: 3

ECN 3851 - Public Finance.
(3-0-3) F, S. A study of taxation, government spending, public debt, and the role of government in a market economy. **Prerequisites & Notes:** ECN 2802G. Credits: 3

ECN 3853 - 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 Credits: 3

ECN 3860 - International Economics.
(3-0-3) An exploration of the principles of foreign trade and finance: foreign exchange markets, balance of payments, effects on GDP, trade theory, tariffs, quotas, and commercial policies of major countries. **Prerequisites & Notes:** ECN 2802G. Credits: 3

ECN 3870 - 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. AG 901 WI **Prerequisites & Notes:** ECN 2802G or permission of the instructor. Credits: 3

ECN 3873 - Economics of Race and Gender
(3-0-3) An 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. WI **Prerequisites & Notes:** ECN 2802G or permission of the instructor. Credits: 3

ECN 3875 - Health Economics.
(3-0-3) F, Su. The application of 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. Only continuing education and nursing students may enroll in online sections of the course. Credits: 3

ECN 3880 - Government and Business.
(3-0-3) F, S. An examination of the market structures in which business operates as well as the public policies for regulation and control of those markets. **Prerequisites & Notes:** ECN 2802G or permission of the instructor. Credits: 3

ECN 3881 - Economics of Public Utilities.
(3-0-3) S. An examination of the unique economic characteristics which set public utilities apart from other corporations, and why these firms are subject to regulation. **Prerequisites & Notes:** ECN 2802G or permission of the instructor. Credits: 3

ECN 3890 - Labor Economics.
(3-0-3) F, S. An introduction to labor market theory including labor demand, labor supply, investments in human capital, wage determination, and an examination of government labor policy. **Prerequisites & Notes:** ECN 2802G Credits: 3

ECN 3891 - International Economics, Honors.
An exploration of the principles of foreign trade and finance: foreign exchange markets, balance of payments, effects on GDP, trade theory, tariffs, quotas, and commercial policies of major countries. **Prerequisites & Notes:** ECN 2802G and admission to the University Honors College. Credits: 3

ECN 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. May not be counted as part of the 21 semester-hours requirement for economics minor. **Prerequisites & Notes:** Approval of the department chairperson. Credits: 1 to 15

ECN 3971 - 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. **Prerequisites & Notes:** ECN 2802G or permission of the instructor. No credit toward graduation for a student with credit in BUS 2810, MAT 3701, or other equivalent statistics course. Credits: 3

ECN 3972 - 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. WI **Prerequisites & Notes:** ECN 3971 and MAT 2120G, or MAT 2550, or permission of the instructor. Credits: 3

ECN 4275 - 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 private sector business firm. A maximum of 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. **Prerequisites & Notes:** Permission of the department chairperson and acceptance of the student by a state, federal, or international agency or private sector 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. Credits: 1 to 12

ECN 4444 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors College and permission of the Departmental Honors Coordinator. Credits: 3

ECN 4505 - Business Cycles.
(3-0-3) S. An examination of the fluctuations in economic activity and their causes, methods of forecasting, and policies for growth and stability. **Prerequisites & Notes:** ECN 2802G. Credits: 3

ECN 4511 - 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. Credit cannot be earned for both ECN 4511 and ANT 4511. Cross listed with ANT 4511. Credits: 3

ECN 4520 - History of Economic Thought.
(3-0-3) F. An examination of the various schools of economic thought including the Classical, Socialist, Marxist, Marginalist, Institutional, and Keynesian. **Prerequisites & Notes:** ECN 2802G. Credits: 3

ECN 4570 - Economic Problems of Developing Countries.
(3-0-3) F. An analysis of the economic problems of the developing countries and theories of economic development. **Prerequisites & Notes:** ECN 2802G or permission of the instructor. Credits: 3

ECN 4644 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

ECN 4666 - Honors Seminar.
(Arr.-Arr.-3) Areas of investigation which require integration of Economics and research will be treated. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

ECN 4689 - Theory and Research.
(3-0-3) F, S. A capstone course to apply theory in undergraduate research. A written report and an oral presentation are required. WI **Prerequisites & Notes:** ECN 3972, ECN 4801, and ECN 4802, and admission to the Department of Economics major or permission of instructor. This capstone course is intended for Economics majors to be taken in the last semester before graduation. Credits: 3

ECN 4751 - Managerial Economics.
(3-0-3) F. The application of economic theory and method to managerial decision making. **Prerequisites & Notes:** ECN 2802G or BUS 2810, or other equivalent courses subject to departmental approval. Credits: 3

ECN 4801 - Intermediate Macroeconomic Theory.
(3-0-3) F, S. An analysis of the determination of national income, employment, wages, and factors affecting inflation and growth. **Prerequisites & Notes:** ECN 2802G. Credits: 3

ECN 4802 - Intermediate Microeconomic Theory.
(3-0-3) F, S. An examination of the role of prices in determining the allocation of resources, the forces governing the consumption and production of economic goods, the performance of the firm, and the efficiency implications of alternative market structures and government policies. **Prerequisites & Notes:** ECN 2802G. Credits: 3

ECN 4803 - Mathematical Economics.
(3-0-3) The application of mathematical tools to economics. Various economic theories are formulated in a mathematical framework. **Prerequisites & Notes:** ECN 4802 or permission of the instructor. Credits: 3

ECN 4813 - Transition Economies.
(3-0-3) S. A descriptive analysis of the economic structure of evolving new nations after the breakup of the Soviet Union and Soviet Bloc, with an additional analysis of why the breakup occurred. WI **Prerequisites & Notes:** ECN 2802G or permission of the instructor. Credits: 3

ECN 4840 - Money and Banking.
(3-0-3) F, S. A thorough examination of the financial system along with the instrumental role it plays in a modern economy. Emphasis is placed on the structure of the financial system by analyzing money, financial instruments, financial institutions, financial markets, and the functions of the Central Bank. **Prerequisites & Notes:** ECN 2802G. Credits: 3

ECN 4850 - Economic Analysis of Law.
(3-0-3) S. An economic analysis of the major areas of law: property, contract, torts, criminal law. Emphasis on the 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. **Prerequisites & Notes:** ECN 2802G. Credits: 3

ECN 4861 - International Economic Problems.
(3-0-3) F. An in-depth examination of current international economic problems such as balance of payments adjustment, exchange rate policy, and international monetary mechanisms. **Prerequisites & Notes:** ECN 3860 or permission of the instructor. Credits: 3

ECN 4875 - Area Studies.
(3-0-3) S. A study of economic conditions and development problems in a specific geographical area such as Southeast Asia, Tropical Africa, or the Middle East. The topic may vary from semester to semester; the course may be repeated with each change of topic. WI **Prerequisites & Notes:** ECN 2802G or permission of instructor. Credits: 3

ECN 4890 - Topics in Labor Economics.
(3-0-3) F, S. An examination of contemporary labor economics topics such as labor history, collective bargaining, labor law, poverty, compensation structure, discrimination, and wage differentials. May be repeated once with change of topics. **Prerequisites & Notes:** ECN 2802G or permission of the instructor. Credits: 3

ECN 4900 - Issues in Economics.
(3-0-3) An analysis of selected economic problems. Topics to be announced. May be repeated once with change in topic. **Prerequisites & Notes:** ECN 2802G and senior or graduate standing or permission of the instructor. Credits: 3

ECN 4950 - Independent Study.
(Arr.-Arr.-2 or 3) Independent study in economics. Designed for individual student needs at either the undergraduate or graduate level. **Prerequisites & Notes:** ECN 2802G and pre-registration conference with the department chairperson. Credits: 2 to 3

ECN 4973 - 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. **Prerequisites & Notes:** ECN 3972 (or MAT 3702) and 1441G (or MAT 2110G), and MAT 2120G (or MAT 2550), or permission of the instructor. Credits: 3

EDUCATION (EDU)

EDU 2022 - 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. Credits: 2

EDU 4281 - 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. **Prerequisites & Notes:** Perequisite: 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. Credits: 3

EDU 4550 - 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. **Prerequisites & Notes:** Proficiency with web browser software and internet use. Credits: 1

EDU 4551 - 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. **Prerequisites & Notes:** Must be admitted to the Alternative Certification Program and have received a "B" or better in EDU 4550. Credits: 4

EDU 4552 - 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. **Prerequisites & Notes:** Must be admitted to the Alternative Certification Program and have received a "B" or better in EDU 4550. Credits: 8

EDU 4553 - 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. **Prerequisites & Notes:** Must be admitted to the Alternative Certification Program and have received a "B" or better in EDU 4550. Credits: 3

EDU 4560 - 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. **Prerequisites & Notes:** Grade of "B" or better in EDU 4550, EDU 4551, EDU 4552, and EDU 4553. Credits: 6

EDU 4561 - 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. **Prerequisites & Notes:** Successful completion of EDU 4560. Credits: 6

EDU 4570 - 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. **Prerequisites & Notes:** Successful completion of EDU 4560 and EDU 4561. Credits: 1

EDUCATIONAL FOUNDATIONS (EDF)

EDF 2555 - 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 Credits: 3

EDF 2595 - 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. WI **Prerequisites & Notes:** Admission to the honors program. Credits: 3

EDF 4450 - 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. WI **Prerequisites & Notes:** Junior standing. Credits: 3

EDF 4750 - Introduction to Adult Education.
(3-0-3) Adult education today, its career opportunities, and its historical and theoretical foundations. Credits: 3

EDF 47411 - Independent Study.
(Arr.-Arr.-1) As arranged. May be repeated once, for no more than six semester hours of Independent Study credit. **Prerequisites & Notes:** Permission of the Department Chairperson. Credits: 1

EDF 47412 - Independent Study.
(Arr.-Arr.-2) As arranged. May be repeated once, for no more than six semester hours of Independent Study credit. **Prerequisites & Notes:** Permission of the Department Chairperson. Credits: 2

EDF 47413 - Independent Study.
(Arr.-Arr.-3) As arranged. May be repeated once, for no more than six semester hours of Independent Study credit. **Prerequisites & Notes:** Permission of the Department Chairperson. Credits: 3

EDUCATIONAL PSYCHOLOGY (EDP)

EDP 3331 - Theories of Learning and Development for Secondary Teachers.
(3-2-3) F, S. Individual growth and development, motivation, learning theories, appraisal of human differences, classroom management, student evaluation, best practices, and observations. Forty-five (45) clock hours of clinical activities are required. WI **Prerequisites & Notes:** "University Approval to Take Teacher Education Courses" requirements apply; SED 2000. Co-requisites: Concurrent enrollment in SED 3330. Course restricted to Secondary Education students; priority given to students who are one year or less away from student teaching. Credits: 3

EDP 4790 - Studies in Education.
(2-0-2) Problems in education, student activities, curriculum, guidance, and evaluation. Each student assigned an individual problem. Credits: 2

EDP 4800 - Studies in Education.
(1-0-1) On Demand. Problems in education, student activities, curriculum, guidance, and evaluation. Each student is assigned an individual problem. Credits: 1

ELEMENTARY EDUCATION (ELE)

ELE 2000 - 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. SPE 911 **Prerequisites & Notes:** Concurrent enrollment in ELE 2320 is desirable, or permission of department chair. Credits: 2

ELE 2320 - 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. SPE 913 **Prerequisites & Notes:** Concurrent enrollment in ELE 2000 is desirable. Credits: 3

ELE 2321 - Child Growth and Development.
(3-1-3) F, S. A study of characteristics of children from before birth to age eight. 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 and child care centers. Credits: 3

ELE 3000 - 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. **Prerequisites & Notes:** 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. Credits: 4

ELE 3250 - 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 40001. **Prerequisites & Notes:** 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. Credits: 3

ELE 3280 - Developmental Reading in the Elementary and Middle 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; MLE 3110; MLE 40001. **Prerequisites & Notes:** Concurrent enrollment in ELE 3000 and ELE 3350; MLE 3110 and MLE 40001; 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. Credits: 3

ELE 3281 - 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 40001. **Prerequisites & Notes:** Concurrent enrollment in ELE 3250 and ELE 40001, or permission of department chair. Credits: 3

ELE 3290 - Science in the Elementary and Middle 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 40002. **Prerequisites & Notes:** Concurrent enrollment in ELE 3340 and ELE 4880, or permission of department chair. For middle school option, consult advisor for course sequence. University Teacher Education requirements apply and department requirements for enrollment must be met. Credits: 3

ELE 3340 - Social Studies for the Elementary and Middle School.
(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 40002 or MLE 40001. **Prerequisites & Notes:** ELE 3000 and concurrent enrollment in ELE 3290, ELE 40002, and ELE 4880, or permission of department chair. For middle school option, consult advisor for course sequence. University Teacher Education requirements apply and department requirements for enrollment must be met. Credits: 3

ELE 3350 - Language Arts in the Elementary and Middle 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 & Notes:** Concurrent enrollment in ELE 3280 and ELE 3000, or permission of department chair. For middle school option, consult advisor for course sequence. University Teacher Education requirements apply and department requirements for enrollment must be met, including an expectation of second semester Junior standing. Credits: 2

ELE 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Credits: 1 to 15

ELE 40001 - 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 & Notes:** Concurrent enrollment in one or more of ELE 3250, 3281, 3290, 3340, 4880, or permission of department chair. University Teacher Education requirements apply and department requirements for enrollment must be met. Credits: 1

ELE 40002 - 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 & Notes:** Concurrent enrollment in one or more of ELE 3250, 3281, 3290, 3340, 4880, or permission of department chair. University Teacher Education requirements apply and department requirements for enrollment must be met. Credits: 1

ELE 47411 - Independent Study.
(Arr.-Arr.-1) May be repeated once, for no more than six semester hours of Independent Study credit. **Prerequisites & Notes:** Permission of the department chairperson. Credits: 1

ELE 47412 - Independent Study.
Arr.-Arr.-2) May be repeated once, for no more than six semester hours of Independent Study credit. **Prerequisites & Notes:** Permission of the department chairperson. Credits: 2

ELE 47413 - Independent Study.
(Arr.-Arr.-3) May be repeated once, for no more than six semester hours of Independent Study credit. **Prerequisites & Notes:** Permission of the department chairperson. Credits: 3

ELE 4770 - 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 & Notes:** ELE 3250. University Teacher Education requirements apply and department requirements for enrollment must be met, including an expectation of second semester Junior standing. Credits: 3

ELE 4775 - 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. Credits: 3

ELE 4776 - 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. **Prerequisites & Notes:** Eight semester hours in education and psychology. Credits: 3

ELE 47801 - Studies in Education.
(Arr.-Arr.-1) On Demand. Issues in education, student activities, curriculum, guidance, and evaluation. May be repeated once for credit, with a maximum of six semester hours from any combination of the Studies in Education courses. **Prerequisites & Notes:** Eight semester hours in education and psychology. Credits: 1

ELE 47802 - Studies in Education.
(Arr.-Arr.-2) On Demand. Issues in education, student activities, curriculum, guidance, and evaluation. May be repeated once for credit, with a maximum of six semester hours from any combination of the Studies in Education courses. **Prerequisites & Notes:** Eight semester hours in education and psychology. Credits: 2

ELE 47803 - Studies in Education.
(Arr.-Arr.-3) On Demand. Issues in education, student activities, curriculum, guidance, and evaluation. May be repeated once for credit, with a maximum of six semester hours from any combination of the Studies in Education courses. **Prerequisites & Notes:** Eight semester hours in education and psychology. Credits: 3

ELE 4850 - Exploring English Language Learners through Study Abroad/Study Away Experiences.
(1-0-1) Su. This course is for students registered for the study abroad or study away programs coordinated by the Early Childhood, Elementary and Middle Level education department. These study abroad/study away programs are in settings with high levels of language diversity and will provide a background regarding the programs designed to meet the needs of the growing population of English Language Learners. Co-requisites: Must be registered to participate in Study Abroad/Study Away programs with field experiences in school settings with high levels of language diversity. Course may be repeated once with credit.

ELE 4880 - 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 & Notes:** 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. Credits: 3

ENGLISH (ENG)

ENG 0990 - 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. **Prerequisites & Notes:** Test of English as a Foreign Language (TOEFL) score of 500 minimum or certification at English Language Schools Level 9. Credits: 4

ENG 0995 - 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. **Prerequisites & Notes:** 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. Credits: 4

ENG 1000 - Fundamentals of College Composition.
(3-0-3) F, S. Graded (ABC/NC) (Does not count toward graduation, but course grade does count in GPA.) A course in the improvement of the fundamentals of entry-level college writing skills. Practice and instruction in the development of an individualized process of analytical reading, prewriting, drafting, revising, editing, and proofreading. Required of students who do not meet the prerequisites for ENG 1001G. WC **Prerequisites & Notes:** ACT English score of 14 or below or no ACT score on record. Credits: 3

ENG 1001G - 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. C1 900R WC **Prerequisites & Notes:** ENG 1000 or proficiency in basic skills as determined by the English Department. C1 900R 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. Credits: 3

ENG 1002G - 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. WC **Prerequisites & Notes:** 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. Credits: 3

ENG 1091G - 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. C1 900R WC **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

ENG 1092G - 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. C1 901R WC **Prerequisites & Notes:** ENG 1001G or 1091G and admission to the University Honors College. Credits: 3

ENG 1105 - English Major Forum.
(1-0-1) F, S. This course is designed to enhance the transition, integration, and retention of new, newly declared, and prospective English majors by providing them with an introduction to peers and faculty affiliated with English Studies, timely access to information necessary for productive planning, strategies for academic success, and an opportunity to chart a course through the major that prepares them for success in the future. **Prerequisites & Notes:** Students must enroll before they have completed 90 credit hours. Credits: 1

ENG 2001 - 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. (Group 5) WC **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 2003 - 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. (Group 5) EGL 922 WC **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 2005 - 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. (Group 5) EGL 923 WC **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 2007 - 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. (Group 5) EGL 921 WC **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 2009G - 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.) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 2011G - 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.) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 2091G - 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.) WI **Prerequisites & Notes:** ENG 1002G or 1092G and admission to the University Honors College or Departmental Honors Program. Credits: 3

ENG 2099G - 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.) WI **Prerequisites & Notes:** ENG 1002G or 1092G and admission to the University Honors College or Departmental Honors Program. Credits: 3

ENG 2205 - 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. (Group 1) WI **Prerequisites & Notes:** ENG 1002G and ENG 1105, or ENG 1002G and concurrent enrollment in ENG 1105. Credits: 3

ENG 2601 - 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. (Group 1) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 2602 - 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. (Group 5) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 2603 - 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. (Group 5) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 2692 - 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. (Group 5) WI **Prerequisites & Notes:** ENG 1002G or 1092G and admission to the University Honors College or Departmental Honors Program. Credits: 3

ENG 2705 - 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. (Group 2) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 2760 - Introduction to Professional Writing.
(3-0-3) F. Introduction to the theory and practice of writing and writers in professional settings. (Group 1 or 5) WC **Prerequisites & Notes:** English 1002G. Credits: 3

ENG 2850 - 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. (Group 2) EGL 919 WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 2901 - 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. (Group 1) **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3001 - Advanced Composition.
(3-0-3) Advanced study and practice of writing in public, professional, and discipline-specific genres. (Group 1) WC **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3002 - 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. (Group 1) WC **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3005 - 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. (Group 1 or 5) WC **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3009G - 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. (Group 5) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3010G - 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. WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3090G - 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. WI **Prerequisites & Notes:** ENG 1002G or ENG 1092G and admission to the University Honors College. Credits: 3

ENG 3099G - 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. (Group 5) WI **Prerequisites & Notes:** ENG 1002G or ENG 1092G and admission to the University Honors College or Departmental Honors Program. Credits: 3

ENG 3100G - 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. WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3110G - 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. WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3401 - 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. Includes 5 hours of on-site pre-clinical experience. (Group 1) WI **Prerequisites & Notes:** ENG 2901 and SED 2000. Credits: 3

ENG 3402 - 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 hours of on-site pre-clinical experience. (Group 1) WI **Prerequisites & Notes:** ENG 2901 and SED 2000. Prerequisites or co-requisites: EDP 3331 and SED 3330; for ISEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110. Credits: 3

ENG 3405 - 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. (Group 5) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3406 - 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. (Group 5) WI **Prerequisites & Notes:** ENG 1002G. Course may not be repeated. Credits: 3

ENG 3504 - Film and Literature.
(2-2-3) F, S. Practical and theoretical relations between film and literature. (Group 5) WI **Prerequisites & Notes:** ENG 1002G. May be repeated once with permission of the Department Chairperson. Credits: 3

ENG 3600 - The Bible as Literature.
(3-0-3) S. The Hebrew Scriptures. Apocrypha, and New Testament as literary texts. (Group 5) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3601 - 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. (Group 3D) WI **Prerequisites & Notes:** ENG 1002G. May be repeated once with permission of the Department Chairperson. Credits: 3

ENG 3604A - Special Topics in Literature and Language.
(3-0-3) On Demand. Literature Before 1800. Topics to be announced. (Group 3A) WI **Prerequisites & Notes:** ENG 1002G. May be repeated once with permission of the Department Chairperson. A maximum of nine hours in ENG 3604A, B, D, and E can be counted in the major. Credits: 3

ENG 3604B - Special Topics in Literature and Language.
(3-0-3) On Demand. Nineteenth Century. Topics to be announced. (Group 3B) WI **Prerequisites & Notes:** ENG 1002G. May be repeated once with permission of the Department Chairperson. A maximum of nine hours in ENG 3604A, B, D, and E can be counted in the major. Credits: 3

ENG 3604D - Special Topics in Literature and Language.
(3-0-3) On Demand. Twentieth Century and After. Topics to be announced. (Group 3C) WI **Prerequisites & Notes:** ENG 1002G. May be repeated once with permission of the Department Chairperson. A maximum of nine hours in ENG 3604A, B, D, and E can be counted in the major. Credits: 3

ENG 3604E - Special Topics in Literature and Language.
(3-0-3) On Demand. English Electives. Topics to be announced. (Group 5) WI **Prerequisites & Notes:** ENG 1002G. May be repeated once with permission of the Department Chairperson. A maximum of nine hours in ENG 3604A, B, D, and E can be counted in the major. Credits: 3

ENG 3606 - 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. (Group 5) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3700 - 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, Crevecoeur, Wheatley, Rowson. (Group 3A) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3701 - 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. (Group 3B) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3702 - 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, Chesnutt, Hopkins, Gertrude Bonnin, Crane. (Group 3B) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3703 - 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. (Group 3C) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3704 - 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. (Group 3C) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3705 - 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. (Group 2) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3706 - 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 5.) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3800 - 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. (Group 3A) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3801 - Chaucer.
(3-0-3) S. Study of The Canterbury Tales and/or Chaucer's other major works of poetry and prose. (Group 3D) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3802 - Shakespeare.
(3-0-3) S. A study of representative comedies, histories, tragedies, romances, and poems. (Group 3D) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3803 - 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, Lanyer, Bacon, Herbert, Marvell, Askew, Phillips. (Group 3A) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3804 - Milton.
(3-0-3) F. Study of Paradise Lost and Milton's other major works of poetry and prose. (Group 3D) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3805 - 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. (Group 3A) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3806 - 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. (Group 3B) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3807 - 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. (Group 3B) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3808 - 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. (Group 3C) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3809 - 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. (Group 3C) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3892 - Shakespeare, Honors.
(3-0-3) On Demand. A study of representative comedies, histories, tragedies, romances. (Group 3D) WI **Prerequisites & Notes:** ENG 1002G and admission to the Departmental Honors Program or permission of the Department chairperson. Credits: 3

ENG 3901 - 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. (Group 1) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 3903 - 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. (Group 5) WI **Prerequisites & Notes:** ENG 1002G. May be repeated once with permission of the Department Chairperson. Credits: 3

ENG 3907 - Asian Literatures.
(3-0-3) On Demand. In-depth study of Asian literature in translation. Representative literatures include, but are not limited to, Chinese, Indian, Japanese, Korean or Vietnamese. (Group 2) WI **Prerequisites & Notes:** ENG 1002G. May be repeated once with permission of the Department Chairperson. Credits: 3

ENG 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970, Study Abroad: Faculty-Led. (Group 5) WI **Prerequisites & Notes:** ENG 1002G Credits: 1 to 15

ENG 4060 - Professional Writing Career Development.
(1-0-1) F. Capstone professional writing experience with particular focus on entering the professional writing job market. Development of a portfolio and professional credentials. (Group 5) WC **Prerequisites & Notes:** Nine semester hours in Professional Writing. Course may not be repeated. Credits: 1

ENG 4275 - Internship in Professional Writing.
(Arr.-Arr.-4) (Credit/No Credit) Practical experience in a business or organization that allows the student to apply and develop, outside

the traditional classroom, the skills learned in English writing courses. (Group 5) **Prerequisites & Notes:** ENG 2760 or 3005, and permission of the Director of the Internship. May be repeated once. Credits: 4

ENG 4300 - 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. (Group 4) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 4390 - 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. (Group 4) WI **Prerequisites & Notes:** Admission to the Departmental Honors Program, senior standing, and permission of the Departmental Honors Coordinator. Credits: 3

ENG 4400 - Independent Study.
(3-0-3) On Demand. Intensive individual study on a topic selected by student under the supervision of a faculty member. The student must submit a detailed research plan for approval by the department chair and faculty supervisor prior to registration. ENG 4400 may not be used to satisfy required courses or Group requirements in the major or in the minor. Course restricted to English majors. WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 4444 - Honors Independent Study.
(3-0-3) On Demand. Consideration of special topics in English studies in preparation for honors thesis. Must be approved by faculty supervisor and Departmental Honors Coordinator. Course restricted to English majors. WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of Departmental Honors Coordinator. Credits: 3

ENG 4644 - 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. (Group 1) WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. May not be repeated. Credits: 3

ENG 4750 - 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. (Group 2) WI **Prerequisites & Notes:** ENG 1002G. May be repeated once with permission of the Department Chairperson. Credits: 3

ENG 4752 - Studies in Drama.
(3-0-3) S. In-depth study of major periods, subgenres, movements, or writers important in understanding dramatic literature and performance. (Group 5) WI **Prerequisites & Notes:** ENG 1002G. May be repeated once with permission of the Department Chairperson. Credits: 3

ENG 4760 - 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. (Group 5) WC **Prerequisites & Notes:** ENG 1002G. May be repeated once with permission of the Department Chairperson. Credits: 3

ENG 4761 - 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. (Group 1 or 5). WC **Prerequisites & Notes:** ENG 1002G; and 2001 or, with permission of instructor, 2003, 2005, or 2007. May be repeated once with permission of the Department Chairperson. Credits: 3

ENG 4762 - 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. (Group 1 or 5) WC **Prerequisites & Notes:** ENG 1002G; ENG 2003 or, with permission of instructor, 2001, 2005 or 2007. May be repeated once with permission of the Department Chairperson. Credits: 3

ENG 4763 - 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. (Group 1 or 5) WC **Prerequisites & Notes:** ENG 1002G; ENG 2007 or, with permission of instructor, 2001, 2003 or 2005. May be repeated once with permission of the Department Chairperson. Credits: 3

ENG 4764 - 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. (Group 1 or 5) WC **Prerequisites & Notes:** ENG 1002G; ENG 2005 or, with permission of instructor, 2001, 2003 or 2007. May be repeated once with permission of the Department Chairperson. Credits: 3

ENG 4765 - Professional Editing.
(3-0-3) F. Advanced practice and theory in professional editing, including copyediting and comprehensive editing. Focus on working effectively with writers, publishers, and audiences. Discussion of the production process and the role of technology in editing and information design. (Group 5) WC **Prerequisites & Notes:** ENG 2760, 3005, or 4760. Course may not be repeated. Credits: 3

ENG 4775 - 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. (Group 4) WI **Prerequisites & Notes:** ENG 1002G. May be repeated once with permission of the Department Chairperson. Credits: 3

ENG 4801 - 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. Includes 5 hours of on-site pre-clinical experience. (Group1) WI **Prerequisites & Notes:** ENG 2901, SED 3330 and EDP 3331; for ISEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110. Credits: 3

ENG 4850 - 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. (Group 2 or 5) WI **Prerequisites & Notes:** ENG 1002G. May be repeated once with permission of the Department Chairperson. Credits: 3

ENG 4901 - History of the English Language.
(3-0-3) F. Historical, geo-graphic, and social dialects of English; phonological changes and other alterations in the structure and vocabulary of the English language. (Group 1) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 4903 - 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. (Group 5 for English; Group 1 for English Lang Arts) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENG 4904 - Studies in Film.
(3-2-3) S. In-depth study of major periods, genres, history, criticism and/or theory of film. Topics to be announced. (Group 5) WI **Prerequisites & Notes:** ENG 1002G. May be repeated once with permission of the Department Chairperson. Credits: 3

ENG 4905 - Studies in Youth Literature.
(3-0-3) On Demand. Studies in-depth of some aspect of children's literature. Topics to be announced. (Group 5) WI **Prerequisites & Notes:** ENG 1002G. May be repeated once with permission of the Department Chairperson. Credits: 3

ENG 4906 - 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. (Group 5) WI **Prerequisites & Notes:** ENG 1002G and 3401 or 3402 or permission of the instructor. May be repeated once with permission of the Department Chairperson. Credits: 3

ENG 4950 - 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. (Group 4) WI **Prerequisites & Notes:** ENG 1002G. Credits: 3

ENTREPRENEURSHIP (ENT)

ENT 3300 - Foundations of Entrepreneurship.
(3-0-3) F, S. Introduction to and overview of entrepreneurship and the entrepreneurial process. Seeks to develop an understanding of the role of the entrepreneur and new venture creation from a local/national/international perspective. Overview of the major functions of business as they relate to entrepreneurship. **Prerequisites & Notes:** Completion of 45 semester hours of coursework. Credits: 3

ENT 3500 - Marketing and Innovation for Entrepreneurial Ventures.
(3-0-3) S. A systematic exploration of market opportunities from an entrepreneurial perspective, including idea generation, development, and market launch. Content includes: domestic and foreign product development, legal considerations, market segmentation and analysis, and the evaluation of competition. Long-term marketing strategy is communicated through the marketing section of a venture plan. **Prerequisites & Notes:** ENT 3300 and enrollment in the Entrepreneurship Minor; or permission of the Chair, School of Business. Credits: 3

ENT 3700 - Financing for Entrepreneurial Ventures.
(3-0-3) F. A study of financial and legal issues related to financing entrepreneurial ventures. Topics include sources of financing, working with attorneys and accountants, legal aspects of reducing owners' risk, fundamentals of financial statement analysis, and analyzing and developing the financial section of a venture plan. **Prerequisites & Notes:** ENT 3300 and enrollment in the Entrepreneurship Minor; or permission of the Chair, School of Business. Credits: 3

ENT 4500 - Entrepreneurial Management and Venture Plan Development.
(3-0-3) S. An exploration and application of the venture development and operations process including start-up issues; organizing, planning, and launching the venture; management of people and growth; and other entrepreneurial challenges are explored. Course culminates in development and presentation of a venture plan. **Prerequisites & Notes:** ENT 3500 and ENT 3700 and enrollment in the Entrepreneurship Minor or permission of the Chair, School of Business. Credits: 3

FAMILY AND CONSUMER SCIENCES (FCS)

FCS 1000 - 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. Credits: 2

FCS 1120 - Food Selection and Preparation.
(2-2-3) F, S. Food selection considerations and basic food preparation practices. Credits: 3

FCS 1121 - Food Service Sanitation.
(1-0-1) On Demand. (Credit/No Credit) 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. Online sections of this course are restricted to students admitted to the Bachelor of Arts in General Studies: Option in Child Care Education (ABC Program). Credits: 1

FCS 1275 - Family and Consumer Sciences Practicum.
(Arr.-Arr.-1) On Demand. An individually designed and supervised work experience course in a family and consumer sciences (FCS) related career area. This practicum is designed for Family and Consumer Sciences majors and non-majors. Course may be repeated to a maximum of 2 hours. Not in the same semester. Credits: 1

FCS 1800 - 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. Credits: 3

FCS 2000 - 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. WI **Prerequisites & Notes:** FCS 1000 with a grade of C or better. Credits: 3

FCS 2100 - Personal Nutrition.
(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. Credits: 3

FCS 2140 - Quantity Food Production.
(2-2-3) F, S. Practical experience in quantity food production, menu planning, recipe standardization and quality improvement. **Prerequisites & Notes:** FCS 1120, FCS 1121, and FCS 2100. Credits: 3

FCS 2190 - Personal Nutrition, 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. **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

FCS 2231 - Sociology of Clothing.
(3-0-3) F. Significance of sociological logical and psychological reasons for clothing selection; political and economic trends affecting clothing. Credits: 3

FCS 2232 - Historic Costume and Fashion Analysis.
(3-0-3) S. A historic study of costume (apparel) design and production development as related to current fashion. Credits: 3

FCS 2233 - 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. Credits: 3

FCS 2234 - Clothing and Soft Goods Construction.
(1-4-3) F, S. A study of basic principles of clothing and soft product construction processes. Credits: 3

FCS 2244 - 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. Credits: 3

FCS 2250 - 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. Credits: 3

FCS 2270 - 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. Credits: 3

FCS 2275 - Internship for Non-Majors.
(Arr.-Arr.-3 to 6) On Demand. Individually planned experience in an organization that provides experiences related to the field of FCS; allows for directed study, on-site observation, and participation in daily operations. Open for those who are not Family and Consumer Sciences majors. **Prerequisites & Notes:** Permission of the Chairperson of the School of Family and Consumer Sciences, and acceptance of the student by an appropriate organization with completion of required documentation. Credits: 3 to 6

FCS 2700 - 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. Credits: 3

FCS 2740 - Lodging Operations.
(3-0-3) F, S. Examines hotel and resort rooms division management and operating procedures, including front desk and housekeeping operations and guest relations. **Prerequisites & Notes:** FCS 2700. Credits: 3

FCS 2780 - Culinary Pricing and Conversions
(1-0-1) F, S. Application of basic pricing and conversion principles in culinary, restaurant, and foodservice management environments. **Prerequisites & Notes:** Prerequisite: FCS 2700. Co-requisite: FCS 3784. Course may not be repeated. Credits: 1

FCS 2784 - 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. WI **Prerequisites & Notes:** FCS 2700 and FCS 2740. Credits: 3

FCS 2800 - 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 Credits: 3

FCS 2831 - Women in Contemporary Society.
(3-0-3) F, S. An interdisciplinary study of the emergence of women as a viable force in contemporary society. Credits: 3

FCS 2850 - Child Development.
(3-0-3) F, S. The physical, intellectual, social, and emotional development of the pre-school child. Credits: 3

FCS 3000 - 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. WI **Prerequisites & Notes:** FCS 1000 and FCS 2000 each with a grade of C or better. Credits: 3

FCS 3120 - Food Science.
(2-4-4) S. Scientific principles underlying food preparation and processing; principles of experimental methodology as applied to food science. WI **Prerequisites & Notes:** CHM 2430/2435, FCS 1120, FCS 1121, and MAT 2250G. Credits: 4

FCS 3233 - Apparel and Textiles Merchandise Budgeting.
(3-0-3) S. Inventory management concepts, practices and procedures related to the factors that produce profit in the apparel and textile industries. **Prerequisites & Notes:** FCS 2233 and BUS 2101. Credits: 3

FCS 3245 - 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. WI **Prerequisites & Notes:** FCS 2244; Computer and World Wide Web proficiency required. Credits: 3

FCS 3300 - 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. Credits: 3

FCS 3340 - 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. **Prerequisites & Notes:** FCS 2700 and BUS 2101. Credits: 3

FCS 3370 - Ethical Issues in Hospitality Management.
(3-0-3) S. A focus on ethical decisions made by managers in the hospitality industry when addressing issues related to operations, customers, and employees. Through application of ethical decision making frameworks and utilizing case studies and debates, future hospitality industry leaders will consider the impact of their own personal values and beliefs, and those of others, on business decisions. **Prerequisites & Notes:** FCS 2700 and BUS 3010. Credits: 3

FCS 3740 - Professional Hospitality Meeting Management.
(3-0-3) S. Strategic aspects of hospitality meeting and event management with an emphasis on full service hotel and convention/conference facilities. Course restricted to Juniors and Seniors in the FCS Hospitality Management Concentration. **Prerequisites & Notes:** FCS 2740 and FCS 2784. Credits: 3

FCS 3750 - 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 once to a maximum of 9 credit hours earned from Independent Studies. **Prerequisites & Notes:** Prior approval by the instructor and the chair. Credits: 1 to 3

FCS 3750A - Independent Study in Family and Consumer Sciences I.
(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 once to a maximum

of 9 credit hours earned from Independent Studies. **Prerequisites & Notes:** Prior approval by the instructor and the chair. Credits: 1 to 3

FCS 3750B - Independent Study in Family and Consumer Sciences II.
(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 once to a maximum of 9 credit hours earned from Independent Studies. **Prerequisites & Notes:** Prior approval by the instructor and the chair. Credits: 1 to 3

FCS 3750D - Independent Study in Family and Consumer Sciences III.
(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 once to a maximum of 9 credit hours earned from Independent Studies. **Prerequisites & Notes:** Prior approval by the instructor and the chair. Credits: 1 to 3

FCS 3750E - Independent Study in Family and Consumer Sciences IV.
(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 once to a maximum of 9 credit hours earned from Independent Studies. **Prerequisites & Notes:** Prior approval by the instructor and the chair. Credits: 1 to 3

FCS 3755 - Nutrition Across the Lifespan.
(3-0-3) F. Concepts of normal human nutrition with emphasis on nutrient needs throughout the lifespan. **Prerequisites & Notes:** FCS 2100, CHM 1410G, CHM 1415G, BIO 2001G. Credits: 3

FCS 3756 - 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. WI **Prerequisites & Notes:** FCS 2100 and FCS 3755. Credits: 3

FCS 3784 - 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. **Prerequisites & Notes:** FCS 1120, FCS 1121, FCS 2700. FCS 2780 taken concurrenlty with FCS 3784. Credits: 5

FCS 3786 - 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. **Prerequisites & Notes:** FCS 2700 and BUS 2101. Credits: 3

FCS 3800 - Family Life Sex Education.
(3-0-3) On Demand. To prepare professionals such as family service personnel, educators, and parents to work with individuals and families at various stages in the family cycle in the area of family life and sex education. Online sections of this course are restricted to students admitted to the Bachelor of Arts in General Studies: Option in Child Care Education (ABC Program). Credits: 3

FCS 3810 - Child Care Issues.
(1-0-1) On Demand. Introductory exploration of the need for child care, emotional reactions to child care, developmental perspectives in child care, what to look for in a provider, agencies and programs to assist with child care, and facts about abuse and neglect in child care settings. **Prerequisites & Notes:** Admission to the B.A. in General Studies: Option in Childcare Education (ABC program) or permission of instructor. Course may not be repeated. Credits: 1

FCS 3812 - Nutrition Topics for Child Care Professionals.
(2-0-2) On Demand. Focus on nutrition/consumption/eating patterns of young children from birth to age eight with an examination of nutrition guidelines and challenges, eating behavior, developmentally appropriate nutrition-related activities, and techniques to facilitate caregivers in providing adequate nutrition for children, including those with special needs. Course restricted to students admitted to the Bachelor of Arts in General Studies: Option in Child Care Education (ABC Program). Credits: 2

FCS 3820 - 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. **Prerequisites & Notes:** FCS 1800 or FCS 2800. Credits: 2

FCS 3853 - 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. WI **Prerequisites & Notes:** FCS 2850 or ELE 2320 or 2321 or PSY 3515 or permission of the instructor. Credits: 3

FCS 4000 - 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. **Prerequisites & Notes:** FCS 1000, FCS 2000, FCS 3000 each with a grade of C or better and completion of 75 hours. Credits: 2

FCS 4150 - 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. **Prerequisites & Notes:** Completion of 75 hours. Credits: 1

FCS 4230 - 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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 3

FCS 4230A - Special Topics in Family and Consumer Sciences I.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 3

FCS 4230B - Special Topics in Family and Consumer Sciences II.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 3

FCS 4230D - Special Topics in Family and Consumer Sciences III.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 3

FCS 4230E - Special Topics in Family and Consumer Sciences IV.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 3

FCS 4230F - Special Topics in Family and Consumer Sciences V.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 3

FCS 4230H - Special Topics in Family and Consumer Sciences VI.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 3

FCS 4230I - Special Topics in Family and Consumer Sciences VII.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 3

FCS 4235 - 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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 3

FCS 4235A - International Special Topics in Family and Consumer Sciences I.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 3

FCS 4235B - International Special Topics in Family and Consumer Sciences II.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 3

FCS 4235D - International Special Topics in Family and Consumer Sciences III.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 3

FCS 4235E - International Special Topics in Family and Consumer Sciences IV.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 3

FCS 4235F - International Special Topics in Family and Consumer Sciences V.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 3

FCS 4235H - International Special Topics in Family and Consumer VI.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 3

FCS 4235I - International Special Topics in Family and Consumer Sciences VII.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 3

FCS 4240 - Child Advocacy.
(1-0-1) On Demand. Overview of the legislative process and public policy affecting young children aged birth to eight years with specific focus on how advocacy relates to the child care industry. **Prerequisites & Notes:** Admission to the B.A. in General Studies: Option in Childcare Education (ABC program) or permission of instructor. Course may not be repeated. Credits: 1

FCS 4242 - Computer Use For Childcare Administrators.
(2-0-2) On Demand. Focus on integrating various forms of technology into the early childhood environment for record-keeping, family and community connections, and in the development of personal portfolios to document professional practice. The course provides tools to allow professionals to maximize the use of technological resources to enhance children's learning while applying developmentally appropriate criteria to each application. **Prerequisites & Notes:** Admission to the B.A. in General Studies: Option in Childcare Education (ABC program) or permission of instructor. Credits: 2

FCS 4244 - Working with Families of Children Identified as Exceptional.
(3-0-3) On Demand. Study of characteristics of young children identified as exceptional as related to family interactions and effective communication with the child, school, and community environments as related to the early childhood care environment. **Prerequisites & Notes:** Admission to the B.A. in General Studies: Option in Childcare Education (ABC program) or permission of instructor. Credits: 3

FCS 4246 - Curriculum for Child Care Homes and Centers.
(3-0-3) On Demand. Examination of early childhood program curriculum models, including curriculum development, implementation, and evaluation appropriate for family child care homes and centers. Focus on the components of the early childhood program base, importance of determining or selecting a program base, and the use of the program base to develop a program rationale and the program goals. **Prerequisites & Notes:** Admission to the B.A. in General Studies: Option in Childcare Education (ABC program) or permission of instructor. Course may not be repeated. Credits: 3

FCS 4250 - Designing and Managing Learning Environments in Early Childhood Programs.
(2-0-2) On Demand. Focus on the use of developmental and cognitive theory in the design and utilization of experientially rich environments in the childcare environment. **Prerequisites & Notes:** Admission to the B.A. in General Studies: Option in Childcare Education (ABC program) or permission of instructor. Credits: 2

FCS 4256 - Working with School-Age Care Programs.
(3-0-3) On Demand. Study of the whole child's development between the ages of 6 and 8 years ad the application of the child development knowledge to appropriate planning, implementing, and evaluating care and educational programs. **Prerequisites & Notes:** Admission to the B.A. in General Studies: Option in Childcare Education (ABC program) or permission of instructor. Credits: 3

FCS 4262 - Discipline and Guidance of Young Children.
(2-0-2) On Demand. Overview of guidance/discipline theories for use with young children birth to age eight; understanding and preventing challenging behavior; intervention strategies; functional assessment; strategies to minimize or eliminate challenging behaviors; partnerships with parents/families; available resources, and the development of an action plan. **Prerequisites & Notes:** Admission to the B.A. in General Studies: Option in Childcare Education (ABC program) or permission of instructor. Credits: 2

FCS 4264 - Child Care Programs: Development and Grant Writing.
(3-0-3) On Demand. Child care program needs assessment, legal and policy requirements, program assessment techniques, promotional strategies, funding sources, and grant writing. Course restricted to students admitted to the Bachelor of Arts in General Studies: Option in Child Care Education (ABC Program). Credits: 3

FCS 4275 - 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. May be repeated once. **Prerequisites & Notes:** 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. Credits: 3 to 9

FCS 4275A - Internship I.
(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. May be repeated once. **Prerequisites & Notes:** 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. Credits: 3 to 9

FCS 4300 - Consumer Issues.
(2-0-2) F, S. Current issues and problems confronting individuals and families in managing their resources. WI **Prerequisites & Notes:** FCS 3300. Credits: 2

FCS 4320 - Destination Management.
(3-0-3) S. An understanding of the roles destination management organizations (DMOs) and convention and visitors bureaus (CVBs) play in the hospitality and tourism industry. Creating and maintaining a destination brand is explored. Includes a study tour. **Prerequisites & Notes:** FCS 2700 and BUS 3470. Restriction: Course may not be taken by students who have completed FCS 4230 - Special Topics in Family and Consumer Sciences: Hospitality Travel Planning and Study Tour. Credits: 3

FCS 4340 - Conventions and Trade Shows.
(3-0-3) Su. Organization, arrangement and operation of conventions, trade shows, and concessions. **Prerequisites & Notes:** BUS 2101, BUS 3470, FCS 2700, and FCS 3786. Credits: 3

FCS 4342 - Computer Use for Child Care Administration.
(2-0-2) On Demand. Focus on integrating various forms of technology into the early childhood environment for record-keeping, family and community connections, and in the development of personal portfolios to document professional practice. The course provides tools to allow professionals to maximize the use of technological resources to enhance children's learning while applying developmentally appropriate criteria to each application. **Prerequisites & Notes:** Admission to the B.A. in General Studies: Option in Childcare Education (ABC program) or permission of instructor. Course may not be repeated. Credits: 2

FCS 4345 - Advanced Lodging Administration.
(3-0-3) S. Advanced administrative aspects of hospitality businesses with an emphasis on full service hotel facilities. **Prerequisites & Notes:** BUS 3470 or FCS 2784, FCS 2700, FCS 2740; and FCS 3786. Course restricted to juniors and seniors in the Family & Consumer Science Hospitality Management Concentration. Course may not be repeated. Credits: 3

FCS 4350 - 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. **Prerequisites & Notes:** FCS 2140 or FCS 3784 and BUS 2101. Credits: 3

FCS 4440 - 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. **Prerequisites & Notes:** Cumulative GPA of 2.50; at least junior status and permission of supervising faculty member. May be repeated for a maximum of 6 credits from Undergraduate Research. Credits: 1 to 3

FCS 4440A - Undergraduate Research I.
(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. **Prerequisites & Notes:** Cumulative GPA of 2.50; at least junior status and permission of supervising faculty member. May be repeated once to a maximum of 6 credits from Undergraduate Research. Credits: 1 to 3

FCS 4440B - Undergraduate Research II.
(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. **Prerequisites & Notes:** Cumulative GPA of 2.50; at least junior status and permission of supervising faculty member. May be repeated once to a maximum of 6 credits from Undergraduate Research. Credits: 1 to 3

FCS 4444 - 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. May be repeated once. **Prerequisites & Notes:**

Admission to the Departmental Honors College and permission of the Departmental Honors Coordinator. Credits: 3

FCS 4555 - Honors Research.
(3-0-3) On Demand. Study of research methods and processes including defining research problems, and collecting and analyzing data. Students will conduct a literature review and prepare a research proposal. **Prerequisites & Notes:** Admission to the Business, Family and Consumer Sciences, or Applied Engineering and Technology Departmental Honors Program and/or approval of the Business, Family and Consumer Sciences, or Technology Honors Coordinator. Course may not be repeated. Cross listed with BUS 4555 and AET 4555. Credits: 3

FCS 4644 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

FCS 4680 - Family Systems and their Impact on Child Care.
(3-0-3) On Demand. Overview of the diversity of family systems and their impact on the child care industry. Specific focus on the traditional and non-traditional family systems and their influence on the young child, the fundamental relationships within which children live, how those relationships impact the caregiving environment, and ways in which to develop positive interactions between families and caregivers while identifying and utilizing community resources. **Prerequisites & Notes:** Admission to the B.A. in General Studies: Option in Childcare Education (ABC program) or permission of instructor. Course may not be repeated. Credits: 3

FCS 4685 - Developing Cultural Awareness in Young Children.
(3-0-3) On Demand. Exploration of the history of multicultural education for young children from birth to age eight and discussion of the Intercultural Learning Process, examination of personal views on diversity and cultural privilege, determination of the need children have for cultural awareness, examination of the cultural stereotypes in media used by children, and techniques for helping children develop cultural competence. Course restricted to students admitted to the Bachelor of Arts in General Studies: Option in Child Care Education (ABC Program). Credits: 3

FCS 4686 - Activity Planning to Facilitate Brain Development and Concept Formation in Infant, Toddler, and Preschool Children.
(3-0-3) On Demand. Study of the process of brain development during the infant, toddler and preschool years; appropriate interaction between child and caregiver related to neural connections; and activity planning based in concrete concept formation fitting the developmental imperatives for young children. Students will prepare, implement and evaluate activity plans. Course restricted to students admitted to the Bachelor of Arts in General Studies: Option in Child Care Education (ABC Program). Credits: 3

FCS 4750 - Advanced Human Nutrition.
(3-0-3) S. Emphasis on biochemical functions of nutrients in the study of human nutrition. **Prerequisites & Notes:** CHM 1310G, 1315G, 1410, 1415, 2430, 2435, and 3300; FCS 2100 and 3755; and BIO 2001G; or permission of instructor. Credits: 3

FCS 4751 - 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. **Prerequisites & Notes:** CHM 2430/2335, FCS 2100, and FCS 3755. Credits: 4

FCS 4752 - 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. **Prerequisites & Notes:** FCS 2100 or permission of the instructor. Credits: 1

FCS 4753 - Nutrition and the Addicted Person.
(1-0-1) S. Consideration of nutrition needs and eating problems of addicted persons; nutrition management and treatment plans. **Prerequisites & Notes:** FCS 2100. Credits: 1

FCS 4755 - 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. **Prerequisites & Notes:** FCS 2100 and BIO 2001G. Credits: 3

FCS 4756 - 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 & Notes:** FCS 2100 and BIO 2001G. Credits: 3

FCS 4770 - 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. **Prerequisites & Notes:** FCS 3300 or permission of the instructor. Credits: 3

FCS 4820 - Death and Dying.
(3-0-3) Issues of death and dying and their implications for individuals and their families. Credits: 3

FCS 4838 - 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 & Notes:** FCS 2234 or graduate student status or permission of instructor after evaluation of clothing construction samples. Credits: 3

FCS 4840 - The Disadvantaged Family.
(3-0-3) Low income and minority group families and their values, needs, problems, and practices. **Prerequisites & Notes:** FCS 1800 or FCS 2800. Credits: 3

FCS 4845 - The Family in Crisis.
(3-0-3) On Demand. This course will define what is meant by family crisis, identify some of the major theoretical frameworks for studying families in crisis, consider major life-style transitions, and explore the major catastrophic crises families face. It will also examine resources and strengths that enable families to deal with crises more adequately. Online sections of this course are restricted to students enrolled in the Bachelor of Arts in General Studies: Option in Child Care Education (ABC) program. **Prerequisites & Notes:** FCS 1800 or FCS 2800 or equivalents. Credits: 3

FCS 4846 - Aging and the Family.
(3-0-3) Aging as a phase in the family developmental process and the consequent effect. **Prerequisites & Notes:** FCS 1800 or FCS 2800. Credits: 3

FCS 4851 - Infant Development.
(2-2-3) Study of current theories and research on infant and toddler development and care. Application of knowledge through supervised observation and participation in Family and Consumer Sciences Infant Development Laboratory. **Prerequisites & Notes:** FCS 2850 or permission of the instructor. Credits: 3

FCS 4854 - Parent/Child Study and Community Involvement.
(3-0-3) On Demand. Detailed study of parent-child interaction and community involvement; in-depth study of parent education

programs, methodology and techniques. Observation required. Online sections of this course are restricted to students enrolled in the Bachelor of Arts in General Studies: Option in Child Care Education (ABC) program. Credits: 3

FCS 4859 - 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. Credits: 3

FCS 4860 - Addictions and the Family.
(3-0-3) On Demand. Study of the interaction affects between the addicted person and the family or significant others. Educational techniques and family intervention strategies for families of addicted persons will be reviewed. Online sections of this course are restricted to students enrolled in the Bachelor of Arts in General Studies: Option in Child Care Education (ABC) program. **Prerequisites & Notes:** FCS 1800 or FCS 2800 or equivalents. Credits: 3

FCS 4926 - 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. **Prerequisites & Notes:** Graduate Status or FCS 1000, FCS 2244. Credits: 3

FCS 4940 - 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. **Prerequisites & Notes:** BUS 2101, BUS 3010, FCS 1120, FCS 1121, and FCS 2140 or 3784, or permission of the instructor. Credits: 3

FINANCE (FIN)

FIN 3300 - Fundamentals of Financial and Tax Planning.
(3-0-3) S. An introduction to the financial and tax planning process. **Prerequisites & Notes:** Admission to the School of Business and BUS 3710, or permission of the Associate Chair. Credits: 3

FIN 3720 - Investments.
(3-0-3) F, S. The study of investment theories and practices for implementing investment goals in relation to risk-return tradeoffs. **Prerequisites & Notes:** 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. Credits: 3

FIN 3730 - 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. WI **Prerequisites & Notes:** BUS 3710 with a grade of C or better and admission to the School of Business or permission of the Associate Chair. Credits: 3

FIN 3740 - Real Estate Fundamentals.
(3-0-3) On Demand. A study of theory and practice in real estate, with social, legal and economic implications. **Prerequisites & Notes:** BUS 3710 with a grade of C or better or BUS 2710 with a C or better; junior standing; admission to the School of Business or to a minor offered by the School of Business; or permission of the Associate Chair, School of Business. Credits: 3

FIN 3750 - Management of Financial Institutions.
(3-0-3) F, S. The management, organizational structure, regulatory environment, and risks of financial institutions. **Prerequisites & Notes:** 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. Credits: 3

FIN 3760 - 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. **Prerequisites & Notes:** BUS 3710 with a grade of C or better; FIN 3720; and admission to the School of Business or permission of the Associate Chair. Credits: 3

FIN 3770 - 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-tem sources and uses of funds. **Prerequisites & Notes:** 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. Credits: 3

FIN 3780 - 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. **Prerequisites & Notes:** BUS 3710 with a grade of C or better and admission to the School of Business or permission of the Associate Chair. Credits: 3

FIN 3900 - Risk and Insurance.
(3-0-3) On Demand The study of risk management to include life, health, property, and liability insurance. **Prerequisites & Notes:** 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. Credits: 3

FIN 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Course may be repeated once, with permission of the School of Business Associate Chair, as topics change. **Prerequisites & Notes:** Admission to the School of Business. Additional prerequisites to be determined by the topic to be covered Credits: 1 to 15

FIN 4110 - Special Topics in Finance.
(3-0-3) On Demand. Topics to be announced. Course may be repeated once, with permission of the School of Business Associate Chair, as topics change. **Prerequisites & Notes:** BUS 3710, with a grade of C or better, admission to the School of Business or permission of the School of Business Associate Chair. Specific additional prerequisites will depend on the topic. Credits: 3

FIN 4200 - 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. **Prerequisites & Notes:** FIN 3720 and FIN 3730, and admission to the School of Business or permission of the Associate Chair. Credits: 3

FIN 4220 - 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. **Prerequisites & Notes:** FIN 3720 and FIN 3730, admission to the School of Business, and permission of the instructor. Credits: 3

FIN 4275 - Internship in Finance.
(Arr.-Arr.-1-15) (Credit/No Credit) Monitored work or service experience requiring development and application of finance knowledge and skills. **Prerequisites & Notes:** Admission to the School of Business, BUS 3710, and approval of Internship Learning Agreement by School of Business Associate Chair. Credits: 1 to 15

FIN 4275A - Internship in Finance I.
(Arr.-Arr.-1-15) (Credit/No Credit) Monitored work or service experience requiring development and application of finance knowledge and skills. **Prerequisites & Notes:** Admission to the School of Business, BUS 3710, and approval of Internship Learning Agreement by School of Business Associate Chair. Credits: 1 to 15

FIN 4300 - 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. **Prerequisites & Notes:** Admission to the School of Business and BUS 3710, or permission of the Associate Chair. Credits: 3

FIN 4400 - 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. **Prerequisites & Notes:** BUS 3710 with a grade of C or better, FIN 3720, FIN 3730, FIN 3770, and FIN 3780. Credits: 3

FIN 4500 - Financial Planning Case Studies.
(3-0-3) S. In this capstone course in the financial planning curriculum, students develop comprehensive financial plans to achieve client-specific goals. Financial planning software will be used. **Prerequisites & Notes:** FIN 3300, FIN 3720, FIN 3900, FIN 4300, and admission to the School of Business. FIN 3900 and FIN 4300 may be taken concurrently with FIN 4500. Credits: 3

FIN 4740 - Independent Study.
(Arr.-Arr.-1-6) Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Course may be repeated once. WI **Prerequisites & Notes:** 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 School of Business Associate Chair, prior to registration. Credits: 1 to 6

FIN 4820 - 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. **Prerequisites & Notes:** BUS 3710 with a grade of C or better, FIN 3730; BUS 3200 or ECN 3860; and admission to the School of Business or permission of the Associate Chair. WI Credits: 3

FOREIGN LANGUAGES

Chinese (FLC)

FLC 1101 - Elementary Chinese I.
(4-0-4) F, S. The course introduces students to the official Chinese language (Mandarin) in its five aspects: listening, speaking, reading, writing and culture. Credits: 4

FLC 1102 - Elementary Chinese II.
(4-0-4) F, S. The course continues the introduction of students to the official Chinese language (Mandarin) in its five aspects: listening, speaking, reading, writing and culture begun in FLC 1101. **Prerequisites & Notes:** FLC 1101 or equivalent. Credits: 4

Undergraduate Courses Taught in English (FLE)

FLE 2050 - 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. Credits: 3

FLE 2061G - 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. WI **Prerequisites & Notes:** ENG 1001G and ENG 1002G. Credits: 3

FLE 2062G - 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. WI **Prerequisites & Notes:** ENG 1001G and ENG 1002G. Credits: 3

FLE 2063G - 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. WI **Prerequisites & Notes:** ENG 1001G and ENG 1002G. Credits: 3

FLE 3025 - Women in the Hispanic World.
(3-0-3) On Demand. This course explores the contributions of Hispanic women to literature, the arts and politics in the Spanish-speaking world from the colonial period to the present. Students will read original work by women, as well as critical essays written about them. Students will also be introduced to scholarship on gender, race, class and national identity. WI Credits: 3

FLE 3050 - 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. **Prerequisites & Notes:** ENG 1001G and ENG 1002G. Credits: 3

FLE 3400 - Methods of Teaching Foreign Language.
(3-0-3) F. Thirty clock hours in pre-student teaching are required. **Prerequisites & Notes:** EDP 3331 and SED 3330; for ISEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110. Credits: 3

FLE 44001 - Independent Study in Foreign Languages I.
(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. **Prerequisites & Notes:** Consent of instructor and permission of Department Chairperson. May be repeated once for a combined maximum credit of 12 semester hours. Credits: 1 to 3

FLE 44002 - Independent Study in Foreign Languages II.
(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. **Prerequisites & Notes:** Consent of instructor and permission of Department Chairperson. May be repeated once for a combined maximum credit of 12 semester hours. Credits: 1 to 3

FLE 44003 - Independent Study in Foreign Languages III.
(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. **Prerequisites & Notes:** Consent of instructor and permission of Department Chairperson. May be repeated once for a combined maximum credit of 12 semester hours. Credits: 1 to 3

FLE 44004 - Independent Study in Foreign Languages IV.
(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. **Prerequisites & Notes:**

Consent of instructor and permission of Department Chairperson. May be repeated once for a combined maximum credit of 12 semester hours. Credits: 1 to 3

FLE 44005 - Independent Study in Foreign Languages V.
(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. **Prerequisites & Notes:** Consent of instructor and permission of Department Chairperson. May be repeated once for a combined maximum credit of 12 semester hours. Credits: 1 to 3

FLE 44006 - Independent Study in Foreign Languages VI.
(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. **Prerequisites & Notes:** Consent of instructor and permission of Department Chairperson. May be repeated once for a combined maximum credit of 12 semester hours. Credits: 1 to 3

French (FLF)

FLF 1101 - 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. Credits: 4

FLF 1102 - 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. No more than two years of high school French allowed without permission of Department Chair. **Prerequisites & Notes:** Must have successfully completed FLF 1101 or one year of high school French language or a course articulated as equivalent to FLF 1101. Course may be used to meet the second semester of the Foreign Language Graduation Requirement. Credits: 4

FLF 2201G - 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. No more than three years of high school French allowed without permission of Department Chair. H1 900 WI **Prerequisites & Notes:** Must have successfully completed FLF 1102 or two years of high school French language or a course articulated as equivalent to FLF 1102. Credits: 4

FLF 2202G - 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. No more than four years of high school French allowed without permission of Department Chair. H1 900 WI **Prerequisites & Notes:** Must have successfully completed FLF 2201G or three years of high school French language or a course articulated as equivalent to FLF 2201G. Credits: 4

FLF 3220 - 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. **Prerequisites & Notes:** FLF 2202G or the equivalent. Credits: 3

FLF 3300 - 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. **Prerequisites & Notes:** FLF 2202G or permission of the Department Chairperson. Credits: 3

FLF 3301 - French Conversation.
(3-0-3) On Demand. Consolidation of grammatical and phonological principles through their application in oral expositions. **Prerequisites & Notes:** FLF 2202G or permission of the Department Chairperson. Credits: 3

FLF 3302 - 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. WI **Prerequisites & Notes:** FLF 2202G or permission of the Department Chairperson. Credits: 3

FLF 3304 - French Civilization.
(3-0-3) On Demand. A contrastive study of certain aspects of contemporary French and American culture. WI **Prerequisites & Notes:** FLF 2202G or permission of the Department Chairperson. Credits: 3

FLF 3305 - French Literature I.
(3-0-3) On Demand. Survey of French literature from the Middle Ages to the eighteenth century. WI **Prerequisites & Notes:** FLF 2202G or permission of the Department Chairperson. Credits: 3

FLF 3306 - French Literature II.
(3-0-3) On Demand. Survey of French literature from the eighteenth century to the present. WI **Prerequisites & Notes:** FLF 2202G or permission of the Department Chairperson. Credits: 3

FLF 3401 - Cadet Teaching.
(Arr.-Arr.-1-3) Observation and supervised micro-teaching in the French classroom. **Prerequisites & Notes:** FLF 3000, its equivalent, or permission of the Department Chairperson. Credits: 1 to 3

FLF 3402 - Advanced French Oral Proficiency.
(2-0-2) On Demand. Intensive oral interview preparation and practice. **Prerequisites & Notes:** Nine semester hours of upper-division French including FLF 3301. The course may be repeated once for credit in the Major for a maximum credit of 4 semester hours. Also, the course is restricted to majors in Foreign Languages with Concentration in French, majors in French with Teacher Certification, and minors in French. Credits: 2

FLF 3501 - French for Young Learners.
(Arr.-0-1 to 3) F, S. Supervised French activities. Exploring language and culture with young learners. Equivalent course: FLF 3401. **Prerequisites & Notes:** FLF 2202G or equivalent. May be repeated once for maximum combined credit of six semester hours. Credits: 1 to 3

FLF 3501A - French for Young Learners II.
(Arr.-0-1 to 3) F, S. Supervised French activities. Exploring language and culture with young learners. Equivalent course: FLF 3401. **Prerequisites & Notes:** FLF 2202G or equivalent. May be repeated once for maximum combined credit of six semester hours. Credits: 1 to 3

FLF 3501B - French for Young Learners III.
(Arr.-0-1 to 3) F, S. Supervised French activities. Exploring language and culture with young learners. Equivalent course: FLF 3401. **Prerequisites & Notes:** FLF 2202G or equivalent. May be repeated once for maximum combined credit of six semester hours. Credits: 1 to 3

FLF 3820 - French Composition and Stylistics.
(3-0-3) On Demand. A study of basic principles essential for effective formal and informal writing in French. **Prerequisites & Notes:** FLF 2202G or permission of the Department Chairperson. Credits: 3

FLF 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Credits: 1 to 15

FLF 4100 - 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. WI **Prerequisites & Notes:** Six semester hours beyond FLF 2202G or consent of the Department Chairperson. May be repeated once for credit. Credits: 1 to 3

FLF 4100A - 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. WI **Prerequisites & Notes:** Six semester hours beyond FLF 2202G or consent of the Department Chairperson. May be repeated once for credit. Credits: 1 to 3

FLF 4100B - 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. WI **Prerequisites & Notes:** Six semester hours beyond FLF 2202G or consent of the Department Chairperson. May be repeated once for credit. Credits: 1 to 3

FLF 4200 - 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. WI **Prerequisites & Notes:** Six semester hours beyond FLF 2202G or consent of the Department Chairperson. May be repeated once for maximum combined credit of six semester hours. Each course taken must represent a different topic. Credits: 1 to 3

FLF 4200A - 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. WI **Prerequisites & Notes:** Six semester hours beyond FLF 2202G or consent of the Department Chairperson. May be repeated once for maximum combined credit of six semester hours. Each course taken must represent a different topic. Credits: 1 to 3

FLF 4200B - 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. WI **Prerequisites & Notes:** Six semester hours beyond FLF 2202G or consent of the Department Chairperson. May be repeated once for maximum combined credit of six semester hours. Each course taken must represent a different topic. Credits: 1 to 3

FLF 4275A - Internship.
(Arr.-Arr.-1-4) (Credit/No Credit only) A foreign or domestically based language learning experience in which the student applies and develops skills learned in French courses outside the traditional classroom. **Prerequisites & Notes:** Six semester hours beyond FLF 2202G or permission of the Department Chairperson. No more than four semester hours may be counted toward the major or three semester hours toward the minor. May be repeated once for a maximum combined credit of 4 semester hours. Credits: 1 to 4

FLF 4275B - Internship.
(Arr.-Arr.-1-4) (Credit/No Credit only) A foreign or domestically based language learning experience in which the student applies and develops skills learned in French courses outside the traditional classroom. **Prerequisites & Notes:** Six semester hours beyond FLF 2202G or permission of the Department Chairperson. No more than four semester hours may be counted toward the major or three semester hours toward the minor. May be repeated once for a maximum combined credit of 4 semester hours. Credits: 1 to 4

FLF 44001 - Independent Study I.
(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. WI **Prerequisites & Notes:** Minimum GPA of 2.5, junior standing and majoring in Foreign Languages or permission of the Department Chairperson. Maximum of three semester hours may be applied to major or minor. May be repeated once for a maximum combined credit of six semester hours. Credits: 1 to 3

FLF 44002 - Independent Study II.
(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. WI **Prerequisites & Notes:** Minimum GPA of 2.5, junior standing and majoring in Foreign Languages or permission of the Department Chairperson. Maximum of three semester hours may be applied to major or minor. May be repeated once for a maximum combined credit of six semester hours. Credits: 1 to 3

FLF 44003 - Independent Study III.
(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. WI **Prerequisites & Notes:** Minimum GPA of 2.5, junior standing and majoring in Foreign Languages or permission of the Department Chairperson. Maximum of three semester hours may be applied to major or minor. May be repeated once for a maximum combined credit of six semester hours. Credits: 1 to 3

FLF 4401 - French Novel I.
(3-0-3) On Demand. Selected novels from Mme. de La Fayette to Balzac. WI **Prerequisites & Notes:** Three years of college French or permission of the Department Chairperson. Credits: 3

FLF 4402 - French Novel II.
(3-0-3) On Demand. Selected novels from Stendhal to the present. WI **Prerequisites & Notes:** Three years of college French or permission of the Department Chairperson. Credits: 3

FLF 4444 - 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. WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Department Chairperson. Credits: 3

FLF 4644 - 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. WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Department Chairperson. Credits: 3

FLF 4666 - 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. WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Department Chairperson. Credits: 3

FLF 4760 - French Drama.
(3-0-3) On Demand. French drama from the fifteenth century to the present. WI Credits: 3

FLF 4770 - French Poetry.
(3-0-3) On Demand. Selected authors from Villon to the present. WI Credits: 3

General (FLX)

FLX 1101A - 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. **Prerequisites & Notes:** Each instance of FLX 1101 must

represent a different language. For example, FLX 1101A might be Arabic while FLX 1101B might be Japanese. Any instance of FLX 1101 can only be repeated for reasons of recalculation of GPA. Credits: 4

FLX 1101B - 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. **Prerequisites & Notes:** Each instance of FLX 1101 must represent a different language. For example, FLX 1101A might be Arabic while FLX 1101B might be Japanese. Any instance of FLX 1101 can only be repeated for reasons of recalculation of GPA. Credits: 4

FLX 1102A - Elementary 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. **Prerequisites & Notes:** FLX 1101 or equivalent course work. Each instance of FLX 1102 must represent a different language. For example, FLX 1102A might be Arabic while FLX 1102B might be Japanese. Any instance of FLX 1102 can only be repeated for reasons of recalculation of GPA. Credits: 4

FLX 1102B - Elementary 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. **Prerequisites & Notes:** FLX 1101 or equivalent course work. Each instance of FLX 1102 must represent a different language. For example, FLX 1102A might be Arabic while FLX 1102B might be Japanese. Any instance of FLX 1102 can only be repeated for reasons of recalculation of GPA. Credits: 4

German (FLG)

FLG 1101 - Elementary German I.
(4-0-4) F, S. First semester of a two-semester course in speaking, listening, reading, writing, and culture are emphasized. No more than one year of high school German allowed without permission of Department Chair. Credits: 4

FLG 1102 - 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. No more than two years of high school German allowed without permission of Department Chair. **Prerequisites & Notes:** Must have successfully completed FLG1101 or one year of high school Italian language or a course articulated as equivalent to FLG 1101. Course may be used to meet the second semester of the Foreign Language Graduation Requirement. Credits: 4

FLG 2201G - Intermediate German I.
(4-0-4) F. Review of grammar practice of conversation and composition, reading of selected materials. No more than three years of high school German allowed without permission of Department Chair. H1 900 WI **Prerequisites & Notes:** Must have successfully completed FLG 1102 or two years of high school German language or a course articulated as equivalent to FLG 1102. Credits: 4

FLG 2202G - Intermediate German II.
(4-0-4 each course) S. Review of grammar practice of conversation and composition, reading of selected materials. No more than four years of high school German allowed without permission of Department Chair. H1 900 WI **Prerequisites & Notes:** Must have successfully completed FLG 2201G or three years of high school Italian language or a course articulated as equivalent to FLG 2201G. Credits: 4

FLG 3101 - German Conversation and Composition I.
(3-0-3) F. First semester of a two-semester sequence of German conversation and composition. WI **Prerequisites & Notes:** FLG 2202G or equivalent. Credits: 3

FLG 3102 - German Conversation and Composition II.
(3-0-3) S. Second semester of a two-semester sequence of conversation and composition. WI **Prerequisites & Notes:** FLG 3101, its equivalent or permission of the Department Chairperson. Credits: 3

FLG 3200 - German Culture and Civilization.
(3-0-3) On Demand. Survey of German culture and civilization from its beginning to the present. **Prerequisites & Notes:** FLG 2202G or permission of the Department Chairperson. Credits: 3

FLG 3303 - 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. **Prerequisites & Notes:** FLG 2202G or permission of the Department Chairperson. Credits: 3

FLG 3310 - Survey of German Literature I.
(3-0-3) On Demand. Survey of German literature to 1700. WI **Prerequisites & Notes:** Three years of college German or permission of the Department Chairperson. Credits: 3

FLG 3311 - Survey of German Literature II.
(3-0-3) On Demand. Survey of German literature from 1700 into the twentieth century. WI **Prerequisites & Notes:** FLG 2202G or permission of the Department Chairperson. Credits: 3

FLG 3314 - German Novella.
(3-0-3) On Demand. Survey of German Novellas and related literary theory. WI **Prerequisites & Notes:** FLG 2202 or equivalent. Credits: 3

FLG 3315 - German Lyrics and Ballads.
(3-0-3) On Demand. An examination of German language and culture through the exploration of popular lyrics and ballads. WI **Prerequisites & Notes:** FLG 2202G or permission of the Department Chairperson. Credits: 3

FLG 3330 - 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. WI **Prerequisites & Notes:** FLG 3301, or three years of high school German, or equivalent. Credits: 3

FLG 3401 - Cadet Teaching in German.
(Arr.-Arr.-3) (F, S) Supervised micro-teaching in one of the area elementary schools. Teaching majors and minors only. **Prerequisites & Notes:** Acceptance into Teacher Certification Program. Credits: 3

FLG 3402 - Advanced German Oral Proficiency.
(2-0-2) On Demand. Intensive oral interview preparation and practice. **Prerequisites & Notes:** Nine semester hours of upper-division German including FLG 3102. The course may be repeated once for credit in the Major for a maximum credit of 4 semester hours. Also, the course is restricted to majors in Foreign Languages with Concentration in German, majors in German with Teacher Certification, and minors in German. Credits: 2

FLG 3501 - German for Young Learners.
(Arr.-0-1 to 3) F, S. Supervised German activities. Exploring German language and culture with young learners. Equivalent course: FLG 3401. **Prerequisites & Notes:** FLG 2202G or equivalent. May be repeated once for a maximum combined credit of six semester hours. Credits: 1 to 3

FLG 3501A - German for Young Learners II.
(Arr.-0-1 to 3) F, S. Supervised German activities. Exploring German language and culture with young learners. Equivalent course: FLG 3401. **Prerequisites & Notes:** FLG 2202G or equivalent. May be repeated once for a maximum combined credit of six semester hours. Credits: 1 to 3

FLG 3501B - German for Young Learners III.
(Arr.-0-1 to 3) F, S. Supervised German activities. Exploring German language and culture with young learners. Equivalent course: FLG 3401. **Prerequisites & Notes:** FLG 2202G or equivalent. May be repeated once for a maximum combined credit of six semester hours. Credits: 1 to 3

FLG 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Credits: 1 to 15

FLG 4275A - Internship.
(Arr.-Arr.-1-4) (Credit/No Credit only) A foreign or domestically based language learning experience in which the student applies and develops skills learned in German courses outside the traditional classroom. **Prerequisites & Notes:** Six semester hours beyond FLG 2202G or permission of the Department Chairperson. No more than four semester hours may be counted toward the major or three semester hours toward the minor. May be repeated once for a maximum combined credit of 4 semester hours. Credits: 1 to 4

FLG 4275B - Internship.
(Arr.-Arr.-1-4) (Credit/No Credit only) A foreign or domestically based language learning experience in which the student applies and develops skills learned in German courses outside the traditional classroom. **Prerequisites & Notes:** Six semester hours beyond FLG 2202G or permission of the Department Chairperson. No more than four semester hours may be counted toward the major or three semester hours toward the minor. May be repeated once for a maximum combined credit of 4 semester hours. Credits: 1 to 4

FLG 44001 - Independent Study I.
(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. WI **Prerequisites & Notes:** Minimum GPA of 2.5, junior standing and majoring in Foreign Languages or permission of the Department Chairperson. May be repeated once for maximum combined credit of 3 semester hours. Credits: 1 to 3

FLG 44002 - Independent Study II.
(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. WI **Prerequisites & Notes:** Minimum GPA of 2.5, junior standing and majoring in Foreign Languages or permission of the Department Chairperson. May be repeated once for maximum combined credit of 3 semester hours. Credits: 1 to 3

FLG 44003 - Independent Study III.
(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. WI **Prerequisites & Notes:** Minimum GPA of 2.5, junior standing and majoring in Foreign Languages or permission of the Department Chairperson. May be repeated once for maximum combined credit of 3 semester hours. Credits: 1 to 3

FLG 4405 - Topics of German Literature.
(0-3-1-3) On Demand. Special topics in German literature not ordinarily treated in standard courses. Topic and outline of course will vary. WI **Prerequisites & Notes:** Six semester hours beyond FLG 2202G or consent of the Department Chairperson. Combinations of the topic courses may be taken for a maximum credit of 6 semester hours. Each course taken must represent a different topic. Credits: 1 to 3

FLG 4405A - Topics of German Literature.
(3-0-1-3) On Demand. Special topics in German literature not ordinarily treated in standard courses. Topic and outline of course will vary. WI **Prerequisites & Notes:** Six semester hours beyond FLG 2202G or consent of the Department Chairperson. Combinations of the topic courses may be taken for a maximum credit of 6 semester hours. Each course taken must represent a different topic. Credits: 1 to 3

FLG 4405B - Topics of German Literature.
(3-0-1-3) On Demand. Special topics in German literature not ordinarily treated in standard courses. Topic and outline of course will vary. WI **Prerequisites & Notes:** Six semester hours beyond FLG 2202G or consent of the Department Chairperson. Combinations of the topic courses may be taken for a maximum credit of 6 semester hours. Each course taken must represent a different topic. Credits: 1 to 3

FLG 4444 - 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. WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Department Chairperson. Credits: 3

FLG 4644 - 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. WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Department Chairperson. Credits: 3

FLG 4666 - 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. WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Department Chairperson. May be taken twice for a maximum combined credit of six semester hours. Credits: 3

FLG 4740 - Goethe.
(3-0-3) Alternate years. In-depth study of selected works by Goethe. WI Credits: 3

FLG 4750 - Introduction to German Stylistics.
(3-0-3) On Demand. Elements of prose composition: form, style and content. **Prerequisites & Notes:** Three years of college German or permission of the Department Chairperson. Credits: 3

FLG 4751 - German for Reading Knowledge I
(4-0-4) On Demand. German Reading1. 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. Credits: 4

FLG 4752 - 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. **Prerequisites & Notes:** FLG 4751 or permission of the Department Chair and the Instructor. Credits: 4

Italian (FLI)

FLI 1101 - Beginning Italian I.
(4-0-4) On Demand. This course is designed as the first semester of a four semester sequence in which speaking, listening, reading, and writing in Italian as well as Italian culture are emphasized. The

course requires consistent use and exploration of online multimedia resources. No more than one year of high school Italian allowed without permission of Department Chair. Credits: 4

FLI 1102 - Beginning Italian II.
(4-0-4) On Demand. This course is designed as the second semester of a four semester sequence in which speaking, listening, reading, and writing in Italian as well as Italian culture are emphasized. The course requires consistent use and exploration of online multimedia resources. No more than two years of high school Italian allowed without permission of Department Chair. **Prerequisites & Notes:** Must have successfully completed FLI 1101 or one year of high school Italian language or a course articulated as equivalent to FLI 1101. Course may be used to meet the second semester of the Foreign Language Graduation Requirement. Credits: 4

FLI 2201G - Intermediate Italian I.
(4-0-4) On Demand. This course is designed as the third semester of a four semester sequence in which speaking, listening, reading, and writing in Italian as well as Italian culture are emphasized. The course requires consistent use and exploration of online multimedia resources. No more than three years of high school Italian allowed without permission of Department Chair. WI **Prerequisites & Notes:** Must have successfully completed FLI 1102 or two years of high school Italian language or a course articulated as equivalent to FLI 1102. Credits: 4

FLI 2202G - Intermediate Italian II.
(4-0-4) On Demand. This course is designed as the fourth semester of a four semester sequence in which speaking, listening, reading, and writing in Italian as well as Italian culture are emphasized. The course requires consistent use and exploration of online multimedia resources. No more than four years of high school Italian allowed without permission of Department Chair. WI **Prerequisites & Notes:** Must have successfully completed FLI 2201G or three years of high school Italian language or a course articulated as equivalent to FLI 2201G. Credits: 4

Latin (FLL)

FLL 1101 - Elementary Latin I.
(4-0-4) F. First semester of a four-semester sequence in which reading and translating Classical Latin are emphasized. No more than one year of high school Latin allowed without permission of Department Chair. Credits: 4

FLL 1102 - Elementary Latin II.
(4-0-4) S. Review of grammar, the Latin subjunctive, readings from selected Latin authors. No more than three years of high school Latin allowed without permission of Department Chair. WI **Prerequisites & Notes:** Must have successfully completed FLL 1101 or one year of high Latin language or a course articulated as equivalent to FLL 1101. Course may be used to meet the second semester of the Foreign Language Graduation Requirement. Credits: 4

FLL 2201G - Intermediate Latin I.
(4-0-4) On Demand. Review of grammar, the Latin subjunctive, readings from selected Latin authors. No more than three years of high school Latin allowed without permission of Department Chair. WI **Prerequisites & Notes:** Must have successfully completed FLL 1102 or two years of high school Latin or a course articulated as equivalent to FLL 1102. Credits: 4

FLL 2202G - Intermediate Latin II.
(4-0-4) On Demand. Review of grammar, selected readings from Cicero, Caesar, Catullus, Virgil and Ovid. No more than four years of high school Latin allowed without permission of Department Chair. H1 900 WI **Prerequisites & Notes:** Must have successfully completed FLL 2201G or three years of high school Latin or a course articulated as equivalent to FLL 2201G. Credits: 4

Russian (FLR)

FLR 1101 - 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. No more than one year of high school Russian allowed without permission of Department Chair. Credits: 4

FLR 1102 - 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. No more than two years of high school Russian allowed without permission of Department Chair. **Prerequisites & Notes:** Must have successfully completed FLR 1101 or one year of high school Russian language or a course articulated as equivalent to FLR 1101. Course may be used to meet the second semester of the Foreign Language Graduation Requirement. Credits: 4

Spanish (FLS)

FLS 1101 - 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. Credits: 4

FLS 1102 - 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. No more than two years of high school Spanish allowed without permission of Department Chair. **Prerequisites & Notes:** Must have successfully completed FLS 1101 or one year of high school Spanish language or a course articulated as equivalent to FLS 1101. Course may be used to meet the second semester of the Foreign Language Graduation Requirement. Credits: 4

FLS 1191 - 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. **Prerequisites & Notes:** Admission to the Honors Program. No more than one year of high school Spanish allowed without permission of the Department Chairperson. Credits: 4

FLS 1192 - 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. **Prerequisites & Notes:** 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. Credits: 4

FLS 2201G - 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. No more than three years of high school Spanish allowed without permission of Department Chair. H1 900 WI **Prerequisites & Notes:** Must have successfully completed FLS 1102 or 1191 or two years of high Spanish language or a course articulated as equivalent to FLS 1102 or 1191. Credits: 4

FLS 2202G - Intermediate Spanish II.
(4-0-4) F, S. No more than four years of high school Spanish allowed without permission of Department Chair. No more than four years of high school Spanish allowed without permission of Department Chair. H1 900 WI **Prerequisites & Notes:** Must have successfully completed FLS 2201G or 2291G or three years of high school Spanish language or a course articulated as equivalent to FLS 2202G or 2291G. Credits: 4

FLS 2291G - 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. No more than three years of high school Spanish allowed without permission of Department Chair. WI **Prerequisites & Notes:** Admission to the Honors Program. Must have successfully completed FLS 1102 or 1192 or two years of high Spanish language or a course articulated as equivalent to FLS 1102 or 1192. Credits: 4

FLS 2292G - 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. No more than four years of high school Spanish allowed without permission of Department Chair. WI **Prerequisites & Notes:** Admission to the Honors Program. Must have successfully completed FLS 2201G or 2291G or three years of high school Spanish language or a course articulated as equivalent to FLS 2201G or 2291G. Credits: 4

FLS 3000 - Problems in Spanish Grammar.
(4-0-4) F, S. This course is designed to develop students' proficiency in the Spanish language in all four skills—listening, reading, speaking and writing—with a special focus on grammar. The student will deepen his or her knowledge and understanding of grammar. **Prerequisites & Notes:** FLS 2202 or equivalent. Credits: 4

FLS 3010 (4202) - Writing Through Literature.
(3-0-3) On Demand. This course is designed to develop students' writing proficiency in the Spanish language. Students will acquire advanced writing skills by studying literary works and writing about them. In so doing, they will expand their vocabulary, strengthen their command of grammar, and gain confidence to express themselves in writing. WC **Prerequisites & Notes:** FLS 3000 or equivalent. Credits: 3

FLS 3050 - Spanish Pronunciation and Conversation.
(4-0-4) F, S. Intensive drilling of Spanish pronunciation and further development of audio-lingual skills through conversation. **Prerequisites & Notes:** FLS 2202G, its equivalent, or permission of the Department Chairperson. Credits: 4

FLS 3201 - Business Spanish.
(3-0-3) F or S. Oral and written communication in the Hispanic business world. WI **Prerequisites & Notes:** FLS 3000, its equivalent or permission of the Department Chairperson. Credits: 3

FLS 3250 - Introduction to Hispanic Literary Analysis.
(3-0-3) On Demand. A study of the methods of literary criticism and interpretation in Spanish, including the technical vocabulary needed to analyze works in narrative, poetry and drama. **Prerequisites & Notes:** FLS 3000 (May be taken concurrently with the permission of instructor or chair.) Credits: 3

FLS 3300 - 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. WI **Prerequisites & Notes:** FLS 3000 or equivalent, or permission of department chair. Credits: 3

FLS 3401 - 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. **Prerequisites & Notes:** Prerequisite or co-requisite FLE 3400. Counts toward the major. Credits: 1 to 3

FLS 3402 - Advanced Spanish Oral Proficiency.
(2-0-2) On Demand. Intensive oral interview preparation and practice. **Prerequisites & Notes:** Nine semester hours of upper-division Spanish including FLS 3050. The course may be repeated once for credit in Major for a maximum credit of 4 semester hours. Also, the course is restricted to majors in Foreign Languages with Concentration in Spanish, majors in Spanish with Teacher Certification, and minors in Spanish. Credits: 2

FLS 3500 - Hispanic Short Story.
(3-0-3) S-even-numbered years. The history, development and meaning of short stories in Spanish. WI **Prerequisites & Notes:** FLS 3000 or permission of the department chairperson. Credits: 3

FLS 3501 - Spanish for Young Learners I.
(Arr.-0-1 to 3) F, S. Supervised Spanish activities. Exploring Spanish language and culture for young learners. Equivalent course: FLS 3401. **Prerequisites & Notes:** FLS 2202G or equivalent. May be repeated once for a maximum credit of six semester hours. Credits: 1 to 3

FLS 3501A - Spanish for Young Learners II.
(Arr.-0-1 to 3) F, S. Supervised Spanish activities. Exploring Spanish language and culture for young learners. Equivalent course: FLS 3401. **Prerequisites & Notes:** FLS 2202G or equivalent. May be repeated once for a maximum credit of six semester hours. Credits: 1 to 3

FLS 3501B - Spanish for Young Learners III.
(Arr.-0-1 to 3) F, S. Supervised Spanish activities. Exploring Spanish language and culture for young learners. Equivalent course: FLS 3401. **Prerequisites & Notes:** FLS 2202G or equivalent. May be repeated once for a maximum credit of six semester hours. Credits: 1 to 3

FLS 3510 - Introduction to Modern Spanish Literature.
(3-0-3) F. Introduction to Spanish literature from the eighteenth to twentieth century. WI **Prerequisites & Notes:** FLS 3000 or permission of the department chairperson. Credits: 3

FLS 3520 - Introduction to Modern Spanish American Literature.
(3-0-3) F. Introduction to Spanish American literature from 1886 to present. WI **Prerequisites & Notes:** FLS 3000 or permission of the department chairperson. Credits: 3

FLS 3530 - Spanish American Women's Novel.
(3-0-3) On Demand. This course introduces students to the novel genre in Spanish America. It explores how female writers utilized the novel as a primary forum through which they publicized their ideas and participated in the debate on the equality of the sexes and nation formation. WI **Prerequisites & Notes:** FLS 3000 or equivalent. Credits: 3

FLS 3540 - Race and Gender in Spanish American Literature.
(3-0-3) On Demand. This course focuses on the evolution of racial and gender constraints as seen through legal documents, chronicles, religious literature, newspapers, as well as in poetry, fiction and theater. WI **Prerequisites & Notes:** FLS 3000 or equivalent. Credits: 3

FLS 3550 - Contemporary Latin American Drama.
(3-0-3) On Demand. Development of major theatrical movements of Latin America during the twentieth and twenty-first centuries. Study of both text and performance. WI **Prerequisites & Notes:** FLS 3000 or equivalent. Credits: 3

FLS 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Credits: 1 to 15

FLS 4275A - Internship.
(Arr.-Arr.-1-4) (Credit/No Credit only) A foreign or domestically based language learning experience in which the student applies and develops skills learned in Spanish courses outside the traditional classroom. **Prerequisites & Notes:** Six semester hours beyond FLS 2202G or permission of the Department Chairperson. No more than four semester hours may be counted toward the

major or three semester hours toward the minor. May be repeated once for maximum combined credit of 4 semester hours. Credits: 1 to 4

FLS 4275B - Internship.
(Arr.-Arr.-1-4) (Credit/No Credit only) A foreign or domestically based language learning experience in which the student applies and develops skills learned in Spanish courses outside the traditional classroom. **Prerequisites & Notes:** Six semester hours beyond FLS 2202G or permission of the Department Chairperson. No more than four semester hours may be counted toward the major or three semester hours toward the minor. May be repeated once for maximum combined credit of 4 semester hours. Credits: 1 to 4

FLS 4310 - Civilization and Culture of Spain.
(3-0-3) F or S. Survey of Spanish civilization from prehistoric times through the present. WI **Prerequisites & Notes:** FLS 3000 or permission of the department chairperson. Credits: 3

FLS 4320 - 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. WI **Prerequisites & Notes:** FLS 3000 or permission of the department chairperson. Credits: 3

FLS 44001 - Independent Study I.
(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. WI **Prerequisites & Notes:** Minimum GPA of 2.5, junior standing and majoring in Foreign Languages or permission of the Department Chairperson. Maximum of three semester hours may be applied to major or minor. May be repeated once for a maximum combined credit of 3 semester hours. Credits: 1 to 3

FLS 44002 - Independent Study II.
(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. WI **Prerequisites & Notes:** Minimum GPA of 2.5, junior standing and majoring in Foreign Languages or permission of the Department Chairperson. Maximum of three semester hours may be applied to major or minor. May be repeated once for a maximum combined credit of 3 semester hours. Credits: 1 to 3

FLS 44003 - Independent Study III.
(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. WI **Prerequisites & Notes:** Minimum GPA of 2.5, junior standing and majoring in Foreign Languages or permission of the Department Chairperson. Maximum of three semester hours may be applied to major or minor. May be repeated once for a maximum combined credit of 3 semester hours. Credits: 1 to 3

FLS 4444 - 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. WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the department chairperson. Credits: 3

FLS 4510 - Survey of Early Spanish Literature.
(3-0-3) F or S. Survey of Spanish literature from the Twelfth to Seventeenth Century. WI **Prerequisites & Notes:** FLS 3000 or permission of the department chairperson. Credits: 3

FLS 4520 - Survey of Early Spanish American Literature.
(3-0-3) On Demand. Survey of Spanish American literature from the Colonial period to 1886. WI **Prerequisites & Notes:** FLS 3000 or permission of the department chairperson. Credits: 3

FLS 4640 - Don Quixote de la Mancha.
(4-0-4) On Demand. Study of the two parts of Don Quixote de la Mancha in the original. WI **Prerequisites & Notes:** Three years of college Spanish, its equivalent, or permission of the department chairperson. Credits: 4

FLS 4644 - 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. WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the department chairperson. Credits: 3

FLS 4645 - Topics in Hispanic Culture.
(3-0-3) On Demand. Special topics in Hispanic culture not ordinarily treated in standard courses. Topic and course outline will vary. WI **Prerequisites & Notes:** FLS 3000 or equivalent or consent of the Department Chairperson. May be repeated once for a maximum combined credit of 6 semester hours. Each course taken must represent a different topic. Credits: 3

FLS 4645A - Topics in Hispanic Culture.
(3-0-3) On Demand. Special topics in Hispanic culture not ordinarily treated in standard courses. Topic and course outline will vary. WI **Prerequisites & Notes:** FLS 3000 or equivalent or consent of the Department Chairperson. May be repeated once for a maximum combined credit of 6 semester hours. Each course taken must represent a different topic. Credits: 3

FLS 4645B - Topics in Hispanic Culture.
(3-0-3) On Demand. Special topics in Hispanic culture not ordinarily treated in standard courses. Topic and course outline will vary. WI **Prerequisites & Notes:** FLS 3000 or equivalent or consent of the Department Chairperson. May be repeated once for a maximum combined credit of 6 semester hours. Each course taken must represent a different topic. Credits: 3

FLS 4650 - 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. WI **Prerequisites & Notes:** FLS 3000 or equivalent or consent of the Department Chairperson. Course may be repeated on a different topic with consent of the Department Chairperson. May be repeated once for a maximum combined credit of 6 semester hours. Each course taken must represent a different topic. Credits: 3

FLS 4650A - 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. WI **Prerequisites & Notes:** FLS 3000 or equivalent or consent of the Department Chairperson. May be repeated once for a maximum combined credit of 6 semester hours. Each course taken must represent a different topic. Credits: 3

FLS 4650B - 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. WI **Prerequisites & Notes:** FLS 3000 or equivalent or consent of the Department Chairperson. May be repeated once for a maximum combined credit of 6 semester hours. Each course taken must represent a different topic. Credits: 3

FLS 4666 - 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. WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the department chairperson. May be taken twice for a maximum combined credit of six semester hours. Credits: 3

GENERAL STUDIES (GST)

GST 1100 - 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. Credits: 0

GST 10001, 10002 - 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 once; does not count toward graduation. Credits: 2

GEOGRAPHY (GEG)

GEG 1100G - 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 Credits: 3

GEG 1190G - 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. S4 900N WI **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

GEG 1200G - 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. Equivalent Course: GEG 1290G. S4 900N Credits: 3

GEG 1290G - 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. S4 900N WI **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

GEG 3000 - Geography of Illinois.
(3-0-3) Su. A regional and topical analysis of Illinois' geography. The course will focus on physical processes and landforms, historic settlement, the rural/urban divide, and current political economy, and human-environment interactions such as resource consumption, urbanization, agriculture, and the environment. Credits: 3

GEG 3020 - 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 Credits: 3

GEG 3025 - 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. Credits: 3

GEG 3050 - 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. Credits: 3

GEG 3055 - 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. Credits: 3

GEG 3060 - 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. Credits: 3

GEG 3070 - Geography and Culture of Middle America.
(3-0-3) F. This course studies the natural and cultural landscapes of Middle America including Mexico, the Caribbean, and Central America. Special attention is given to the geographical identity and cultural diversity of the region. Topics include environmental issues, colonial history, natural resources, industrialization, geopolitical contexts, transportation, agriculture, population patterns, urban growth and migration. Credits: 3

GEG 3080 - Geography and Culture of South America.
(3-0-3) F. South America. This course studies the natural and cultural landscapes of South America. Special attention is given to the geographical identity and cultural diversity of the region. Topics include environmental issues, colonial history, natural resources, industrialization, geopolitical contexts, transportation, agriculture, population patterns, urban growth and migration. Credits: 3

GEG 3100 - 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. Credits: 3

GEG 3200 - Human Impacts on the Environment.
(3-0-3) Emphasis on human impacts on the environment and the necessity of conservation. Discussion of sustainability and resources as potential factors limiting society's development. Focus on humans as agents of environmental change. Cross-listed with ESC 3200. Credits: 3

GEG 3310 - Introduction to Biogeography.
(3-0-3) F. An introduction to the geographic distribution of terrestrial and aquatic organisms and the modifications of these distributions created and altered by both physical and human activities over various spatial and temporal scales. Specific attention is given to contemporary geographic issues affecting changes to both human and natural systems, their linkages, and consequences. Credits: 3

GEG 3320 - Natural Resource Conservation.
(3-0-3) S. A topical and regional assessment of conservation issues related to farmlands, wetlands, waterways, grasslands, forests, and other natural systems. Specific attention will be given to contemporary geographic issues affecting rural and agricultural conservation topics prevalent in the U.S., with specific studies focusing on east-central Illinois. Credits: 3

GEG 3330 - Agricultural Geography.
(3-0-3) S. A topical and regional analysis of historic and current trends in agricultural practices and land use. Readings pertaining to how land is used, where our food and fiber comes from, and geographic issues regarding sustainability will be central to our discussions. Specific attention will be given to U.S. agricultural systems and related issues. Credits: 3

GEG 3400 - Broadcast Meteorology Practicum.
(3-0-3) F. Study of forecasting techniques, synoptic meteorology, and using scientific methods in determining a meteorological forecast for the general public. Students will engage in preparing daily forecasts from meteorological models and then broadcast their results online. This course will enhance the students' future in broadcasting by merging science and communication. Students will have an opportunity to work with WEIU-TV. Cross-listed with ESC 3400. **Prerequisites & Notes:** ESC 1400G. Credits: 3

GEG 3415 - The Restless Atmosphere.
(3-0-3) On Demand. This course is designed to provide students with an understanding of the essential processes responsible for determining patterns in our atmospheric system. It will emphasize principal components of the atmosphere from a human perspective. Topics covered will include discussions of climate variability, severe weather, anthropogenic climate change, and atmospheric forecasting. It also stresses the dynamic nature of the atmosphere as it affects humans and their activities. Cross-listed with ESC 3415. Credits: 3

GEG 3420 - 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. WI **Prerequisites & Notes:** GEL/ESC 1300G. Credits: 3

GEG 3500 - Climate, Environment and History Since the last Ice Age.
(3-0-3) F. Since the 1960s historians and geographers have become more concerned with the impact of climate on history and the global environment, with increasing emphasis on the interdisciplinary nature of this study. Students will engage in exploring the last 18,000 years with an integrated historic and geographic methodology, to gain a better understanding of how human societies have adapted to climate-driven changes. Cross-listed with HIS 3500. WI Credits: 3

GEG 3600 - 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. Credits: 3

GEG 3620 - 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. Credits: 3

GEG 3640 - Geography of Sports.
(3-0-3) S. This course is designed as a geographic survey of sports and the impact they have on the contemporary global society. This course will provide an overview of the history and current trends of sports including their origin and diffusion within the United States and around the world. The economic, social, and cultural impact of sports will also be covered. Each student is expected to gain an understanding of how sports have changed over time and how they have shaped our society today. Credits: 3

GEG 3650 - 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. Credits: 3

GEG 3700 - 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. Credits: 3

GEG 3750 - 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. Credits: 3

GEG 3775 - 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. Credits: 3

GEG 3780 - 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. Credits: 3

GEG 3800 - 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. Credits: 3

GEG 3810 - Geographic Information Systems I.
(2-2-3) An introduction to geographic information systems (GIS) using ESRI ArcGIS. Students will create, georeference, and edit a spatial geodatabase, query and analyze data and produce informative, functional cartographic output. Supplemental to this course, students may optionally work towards and obtain the ESRI Introduction to ArcGIS 1 Certificate. Course may not be repeated. Credits: 3

GEG 3820 - Remote Sensing I.
(2-2-3) F. An introduction to basic principles and applications of remote sensing. The theory and physical properties of image acquisition, processing and analysis will be demonstrated using examples from a variety of applications. Course may not be repeated. Credits: 3

GEG 3830 - GIS: Building Geodatabases.
(2-2-3) S. This course covers the fundamental concepts of building geographic databases and focuses on the storage, management, and quality control of GIS data. Students will learn how to create Esri Geodatabases, how to migrate existing data to a geodatabase, and how to edit data stored in a geodatabase. GEG 5830 is an equivalent course. Cross-listed with ESC 3830. **Prerequisites & Notes:** GEG 3810 or permission from the instructor. Credits: 3

GEG 3850 - GPS: Mapping the Modern Way.
(2-2-3) S. Introduction to the Global Positioning System, with an emphasis on GPS theory, GPS field applications, GPS data manipulation, and GPS data presentation using computer mapping techniques. Cross-listed with ESC 3850. Credits: 3

GEG 3855 - Computer Mapping.
(2-2-3) F. Methods and techniques for map construction and production using computer processing and graphic displays. **Prerequisites & Notes:** GEG 3800. Credits: 3

GEG 3860 - Geographic Information Systems II.
(2-2-3) Using geographic information systems (GIS) software, students will analyze and solve problems by applying advanced spatial analysis, automation of spatial and attribute data, advanced editing, and advanced options for cartographic display and thematic mapping. Supplemental to this course, students may work towards and obtain the ESRI Introduction to ArcGIS II Certificate. **Prerequisites & Notes:** GEG 3810. Course may not be repeated. Credits: 3

GEG 3865 - 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. **Prerequisites & Notes:** GEG 3800. Credits: 3

GEG 3870 - Remote Sensing II.
(2-2-3) S. An advanced study in remote sensing theory and practice including in-depth variations in classification and spatial analysis procedures with applications to the geographical, geological, biological, and social sciences. **Prerequisites & Notes:** GEG 3820. Course may not be repeated. Credits: 3

GEG 3875 - 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. Credits: 3

GEG 3885 - 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. Credits: 3

GEG 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Credits: 1 to 15

GEG 4000 - Seminar.
(3-0-3) On Demand. Reports and discussion of selected topics in geography. **Prerequisites & Notes:** Two courses in geography or permission of the department chairperson. May be taken twice for credit. Credits: 3

GEG 42751 - Internship in Geography I.
(Arr.-Arr.-1-6) On Demand. (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 three semester hours may be counted as elective credit in the Geography minor. **Prerequisites & Notes:** 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. May be repeated once. No more than 12 hours of Internship credit. Credits: 1 to 6

GEG 42752 - Internship in Geography II.
(Arr.-Arr.-1-6) On Demand. (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 three semester hours may be counted as elective credit in the Geography minor. **Prerequisites & Notes:** 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. May be repeated once. No more than 12 hours of Internship credit. Credits: 1 to 6

GEG 42753 - Internship in Geography III.
(Arr.-Arr.-1-6) On Demand. (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 three semester hours may be counted as elective credit in the Geography minor. **Prerequisites & Notes:** 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. May be repeated once. No more than 12 hours of Internship credit. Credits: 1 to 6

GEG 44001 - Independent Study I.
(Arr.-Arr.-1) F, S. Intensive individual study on a topic selected by student with approval of instructor and with permission of the department chairperson. May be repeated once. No more than six hours of Independent Study credit. Credits: 1

GEG 44002 - Independent Study II.
(Arr.-Arr.-1) F, S. Intensive individual study on a topic selected by student with approval of instructor and with permission of the department chairperson. May be repeated once. No more than six hours of Independent Study credit. Credits: 2

GEG 44003 - Independent Study III.
(Arr.-Arr.-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 repeated once. No more than six hours of Independent Study credit. Credits: 3

GEG 44301 - Undergraduate Research in Geography I.
(Arr.-Arr.-1) On Demand. Field, laboratory, or theoretical research faculty supervised. A written report of an oral presentation is required. **Prerequisites & Notes:** Completion of 15 semester hours toward the Geography major or minor, permission of the instructor and department chair. May be repeated once. No more than six hours of Undergraduate Research credit in combined department undergraduate research courses (Geology, Earth Science, Geography). Credits: 1

GEG 44302 - Undergraduate Research in Geography II.
(Arr.-Arr.-2) On Demand. Field, laboratory, or theoretical research faculty supervised. A written report of an oral presentation is required. **Prerequisites & Notes:** Completion of 15 semester hours toward the Geography major or minor, permission of the instructor and department chair. May be repeated once. No more than six hours of Undergraduate Research credit in combined department undergraduate research courses (Geology, Earth Science, Geography). Credits: 2

GEG 44303 - Undergraduate Research in Geography III.
(Arr.-Arr.-3) On Demand. Field, laboratory, or theoretical research faculty supervised. A written report of an oral presentation is required. **Prerequisites & Notes:** Completion of 15 semester hours toward the Geography major or minor, permission of the instructor and department chair. May be repeated once. No more than six hours of Undergraduate Research credit in combined department undergraduate research courses (Geology, Earth Science, Geography). Credits: 3

GEG 44441 - Honors Independent Study I.
(Arr.-Arr.-1) Intensive individual study on a topic selected by the student with approval of the instructor. May be repeated once. No more than six hours of Independent Study credit. **Prerequisites & Notes:** Admission to the Departmental Honors Program for Geography Majors and permission of the Departmental Honors Coordinator and Department Chairperson. Credits: 1

GEG 44442 - Honors Independent Study II.
(Arr.-Arr.-2) Intensive individual study on a topic selected by the student with approval of the instructor. May be repeated once. No more than six hours of Independent Study credit. **Prerequisites & Notes:** Admission to the Departmental Honors Program for

Geography Majors and permission of the Departmental Honors Coordinator and Department Chairperson. Credits: 2

GEG 44443 - Honors Independent Study III.
(Arr.-Arr.-3) Intensive individual study on a topic selected by the student with approval of the instructor. May be repeated once. No more than six hours of Independent Study credit. **Prerequisites & Notes:** Admission to the Departmental Honors Program for Geography Majors and permission of the Departmental Honors Coordinator and Department Chairperson. Credits: 3

GEG 4555 - Honors Research.
(Arr.-Arr.-1-6) Original research in geography on a topic studied by the student while enrolled in GEG 44441 or 44442 or 44443. A written report and oral presentation are required. May be repeated once. **Prerequisites & Notes:** Admission to the Departmental Honors Program for Geography Majors and permission of the Departmental Honors Coordinator and Department Chairperson. Credits: 1 to 6

GEG 4644 - Honors Thesis.
(Arr.-Arr.-1-6) Written thesis based on original research performed while enrolled in GEG 4555. An oral presentation is required. May be repeated once. **Prerequisites & Notes:** Admission to the Departmental Honors Program for Geography Majors and permission of the Departmental Honors Coordinator and Department Chairperson. Credits: 1 to 6

GEG 4666 - Honors Seminar.
(Arr.-Arr.-3) Reports, discussion and/or laboratory/field work on selected topics in geography. **Prerequisites & Notes:** Admission to the Departmental Honors Program for Geography Majors and permission of the Departmental Honors Coordinator and Departmental Chairperson. Credits: 3

GEOLOGY (GEL)

GEL 1300G - 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 **Prerequisites & Notes:** Grade and credit hours for this course will be removed if student already has credit for or is registered in ESC/GEL 1320G. Credits: 4

GEL 1320G - Geology of National Parks.
(3-2-4) F, S. Explore the interesting features and sweeping landscapes that make the National Park system the pride of America. From a scientific perspective, students will become familiar with the geologic phenomena existing in the National Parks and gain a better appreciation of their creation and importance. Learning about these natural wonders will be facilitated by lecture, videos, virtual field trips, lab work and a field trip. Cross listed with ESC 1320G. **Prerequisites & Notes:** Grade and credit hours for this course will be removed if student already has credit for or is registered in ESC/GEL 1300G. Credits: 4

GEL 1390G - 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. WI **Prerequisites & Notes:** Admission to the University Honors College. Credits: 4

GEL 1430 - 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. **Prerequisites & Notes:** ESC/GEL 1300G or ESC/GEL 1320G or ESC/GEL 1390G. Credits: 4

GEL 2100 - Geology of Energy Resources.
(3-0-3) S. This course is designed to explore the science behind the energy resources – how the deposits form geologically, how geologists explore the earth to discover where the deposits are located and what techniques and technology are required to extract and process the resources as well as the remediation techniques necessary to restore the landscape after extraction has ceased. **Prerequisites & Notes:** ESC/GEL 1300G or ESC/GEL 1320G or ESC/GEL 1390G or equivalent; may not be taken concurrently. Credits: 3

GEL 2300G - 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 AET 2300G. WI Credits: 3

GEL 2440 - Mineralogy.
(3-2-4) F. A study of minerals with emphasis on crystallography, chemistry, classification, identification, genesis, and association. **Prerequisites & Notes:** ESC/GEL 1300G or ESC/GEL 1320G or ESC/GEL 1390G; and CHM 1310G and 1315G or concurrent enrollment. Credits: 4

GEL 2450G - 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. Credits: 3

GEL 3010G - 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. Credits: 3

GEL 3085 - Vertebrate Paleoenvironments and Paleoecology.
(3-0-3) S. This course will investigate principles of vertebrate paleontology, paleoenvironmental and paleoecological reconstructions and analyses. The focus will be on the fossil record of vertebrate organisms from their origins through the Pleistocene. **Prerequisites & Notes:** GEL 1430 or permission of the instructor; may not be taken concurrently. Restriction: Sophomore, Junior, or Senior status. Credits: 3

GEL 3115 - Introduction to Paleoclimate.
(3-2-4) F. An introduction to basic principles and applications of paleoclimatology. A review of processes and archives of climate data will be investigated using examples from Earth history. **Prerequisites & Notes:** GEL 1430 or permission of the instructor; may not be taken concurrently. Credits: 4

GEL 3405 - 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. **Prerequisites & Notes:** GEL 2440. Credits: 4

GEL 3420 - 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. WI **Prerequisites & Notes:** ESC/GEL 1300G or ESC/GEL 1320G or ESC/GEL 1390G. Credits: 3

GEL 3425 - 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. **Prerequisites & Notes:** ESC/GEL 1300G or ESC/GEL 1320G or ESC/GEL 1390G or ESC/GEL 1390G or permission of instructor; PHY 1151G and PHY 1152G or PHY 1351G and PHY 1352G. Credits: 3

GEL 3430 - 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. **Prerequisites & Notes:** GEL 1430, 3405 and MAT 1330 or equivalent or permission of instructor. Credits: 3

GEL 3440 - 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. **Prerequisites & Notes:** GEL 3430 or permission of the instructor. Credits: 3

GEL 3460 - Economic Mineral Deposits.
(2-2-3) On Demand. Origin, geologic occurrence and utilization of metallic and non-metallic mineral deposits. Field work. **Prerequisites & Notes:** Prior or concurrent enrollment in GEL 3405. Credits: 3

GEL 3470 - 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. Credits: 1 to 3

GEL 3500 - 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. **Prerequisites & Notes:** GEL 3405 or concurrent enrollment. Credits: 3

GEL 3510 - 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. **Prerequisites & Notes:** GEL 1430 and 3405. Credits: 3

GEL 3525 - Hydrogeology.
(2-2-3) On Demand. The study of the inter-relationships of geological materials and processes with water. **Prerequisites & Notes:** GEL/GEG 3420. Credits: 3

GEL 3560 - 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. **Prerequisites & Notes:** GEL 3510. Credits: 3

GEL 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Credits: 1 to 15

GEL 4200 - 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. **Prerequisites & Notes:** GEL 3430 and PHY 1161, 1162 or PHY 1361, 1362. Credits: 3

GEL 42751 - Internship in Geology I.
(Arr.-Arr.-1-6) On Demand. (Credit/No Credit) An individually planned work experience in a business or agency appropriate to the student's area of specialization. **Prerequisites & Notes:** 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. May be repeated once. No more than 12 hours of Internship credit. Credits: 1 to 6

GEL 42752 - Internship in Geology II.
(Arr.-Arr.-1-6) On Demand. (Credit/No Credit) An individually planned work experience in a business or agency appropriate to the student's area of specialization. **Prerequisites & Notes:** 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. May be repeated once. No more than 12 hours of Internship credit. Credits: 1 to 6

GEL 42753 - Internship in Geology III.
(Arr.-Arr.-1-6) On Demand. (Credit/No Credit) An individually planned work experience in a business or agency appropriate to the student's area of specialization. **Prerequisites & Notes:** 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. May be repeated once. No more than 12 hours of Internship credit. Credits: 1 to 6

GEL 44001 - Independent Study I.
(Arr.-Arr.1) Independent study in the field of geology, designed for the individual needs of the student. **Prerequisites & Notes:** GEL 1430 or permission of the instructor and department chair. May be repeated once. No more than six semester hours of Independent Study credit. Credits: 1

GEL 44002 - Independent Study II.
(Arr.-Arr.2) Independent study in the field of geology, designed for the individual needs of the student. **Prerequisites & Notes:** GEL 1430 or permission of the instructor and department chair. May be repeated once. No more than six semester hours of Independent Study credit. Credits: 2

GEL 44003 - Independent Study III.
(Arr.-Arr.3) Independent study in the field of geology, designed for the individual needs of the student. **Prerequisites & Notes:** GEL 1430 or permission of the instructor and department chair. May be repeated once. No more than six semester hours of Independent Study credit. Credits: 3

GEL 44301 - Undergraduate Research in Geology I.
(Arr.-Arr.-1) On Demand. Field, laboratory, or theoretical research. Faculty supervised. A written report of an oral presentation is required. **Prerequisites & Notes:** Completion of 15 semester hours toward the Geology major or minor, permission of instructor and department chair. May be repeated once. No more than six semester hours of Undergraduate Research credit in combined department undergraduate research courses (Geology, Earth Science, Geography). Credits: 1

GEL 44302 - Undergraduate Research in Geology II.
(Arr.-Arr.-2) On Demand. Field, laboratory, or theoretical research. Faculty supervised. A written report of an oral presentation is required. **Prerequisites & Notes:** Completion of 15 semester hours toward the Geology major or minor, permission of instructor and department chair. May be repeated once. No more than six semester hours of Undergraduate Research credit in combined department undergraduate research courses (Geology, Earth Science, Geography). Credits: 2

GEL 44303 - Undergraduate Research in Geology III.
(Arr.-Arr.-3) On Demand. Field, laboratory, or theoretical research. Faculty supervised. A written report of an oral presentation is required. **Prerequisites & Notes:** Completion of 15 semester

hours toward the Geology major or minor, permission of instructor and department chair. May be repeated once. No more than six semester hours of Undergraduate Research credit in combined department undergraduate research courses (Geology, Earth Science, Geography). Credits: 3

GEL 44441 - Honors Independent Study I.
(Arr.-Arr.-1) Independent Study in geosciences, designed for the individual needs of the student. May be repeated once. No more than six hours of Independent Study credit. **Prerequisites & Notes:** Admission to the Departmental Honors Program for Geology Majors and permission of the Departmental Honors Coordinator and Department Chairperson. Credits: 1

GEL 44442 - Honors Independent Study II.
(Arr.-Arr.-2) Independent Study in geosciences, designed for the individual needs of the student. May be repeated once. No more than six hours of Independent Study credit. **Prerequisites & Notes:** Admission to the Departmental Honors Program for Geology Majors and permission of the Departmental Honors Coordinator and Department Chairperson. Credits: 2

GEL 44443 - Honors Independent Study III.
(Arr.-Arr.-3) Independent Study in geosciences, designed for the individual needs of the student. May be repeated once. No more than six hours of Independent Study credit. **Prerequisites & Notes:** Admission to the Departmental Honors Program for Geology Majors and permission of the Departmental Honors Coordinator and Department Chairperson. Credits: 3

GEL 4450 - 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. **Prerequisites & Notes:** GEL 3510. Credits: 3

GEL 4480 - 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. **Prerequisites & Notes:** Prior or concurrent enrollment in GEL 3405. Credits: 4

GEL 4490 - 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. **Prerequisites & Notes:** GEL 1430; BIO 1001G. Credits: 3

GEL 4555 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program for Geology Majors, and permission of the Departmental Honors Coordinator and Department Chairperson. Credits: 1 to 6

GEL 4644 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program for Geology Majors, and permission of the Departmental Honors Coordinator and Department Chairperson. Credits: 1 to 6

GEL 46661 - Honors Seminar I.
(Arr.-Arr.-1 to 6) Discussions, reports, and field/laboratory work concerning selected geoscience topics, with instructor guidance. May be repeated once if a different topic is pursued. **Prerequisites & Notes:** Admission to the Departmental Honors Program for Geology Majors and permission of the Departmental Honors Coordinator and Department Chairperson. Credits: 1 to 6

GEL 46662 - Honors Seminar II.
(Arr.-Arr.-1 to 6) Discussions, reports, and field/laboratory work concerning selected geoscience topics, with instructor guidance. May be repeated once if a different topic is pursued. **Prerequisites & Notes:** Admission to the Departmental Honors Program for Geology Majors and permission of the Departmental Honors Coordinator and Department Chairperson. Credits: 1 to 6

GEL 46663 - Honors Seminar III.
(Arr.-Arr.-1 to 6) Discussions, reports, and field/laboratory work concerning selected geoscience topics, with instructor guidance. May be repeated once if a different topic is pursued. **Prerequisites & Notes:** Admission to the Departmental Honors Program for Geology Majors and permission of the Departmental Honors Coordinator and Department Chairperson. Credits: 1 to 6

GEL 4800 - 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. **Prerequisites & Notes:** 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. Credits: 6

GEL 4850 (4335) - Environmental Geology.
(3-0-3) Study of natural and engineered interactions of contaminants and the geologic environment. Topics include types and analysis of common contaminants, surface and groundwater quality, risk analysis, U.S. environmental law, industrial and municipal waste disposal, and remediation techniques. **Prerequisites & Notes:** ESC/GEL 1300G or ESC/GEL 1320G or ESC/GEL 1390G; CHM 1410; MAT 1330 (or MAT 1400), or permission of the instructor. Credits: 3

GEL 4892 - 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. **Prerequisites & Notes:** BIO 1200G or permission of instructor. Credit not granted for both GEL 4892 and BIO 4892. Credits: 4

HEALTH STUDIES (HST)

HST 1120 - Basic CPR.
(1-0-1) F, S. Credit toward graduation not granted to students who have completed HST 2320 or 3120. Credits: 1

HST 2000 - 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. Credits: 3

HST 2200G - 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 Credits: 3

HST 2250 - 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. Credits: 1

HST 2270 - 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. Credits: 3

HST 2320 - 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. Credits: 3

HST 2600 - 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. Credits: 3

HST 2700 - Marketing Concepts for Health Promotion Professionals.
(2-2-3) F, S. This course will familiarize students with marketing concepts for health promotion professionals, including various software and hardware applications available to and typically used by health promotional professionals. **Prerequisites & Notes:** HST 2250 or concurrent enrollment. Course may not be repeated. Credits: 3

HST 2800 - Health Education Research Methods I.
(3-0-3) F, S. Introduction to research methods/statistical analyses utilized by Public and School Health professionals. Content includes an introduction to qualitative and quantitative methods, data collection techniques, descriptive statistics, AMA citation style & manuscript preparation guidelines, and development of a literature review. WI **Prerequisites & Notes:** HST 2000 and HST 2270. Course may not be repeated. Credits: 3

HST 2900 - Human Diseases.
(3-0-3) F, S. A study of the occurrence and process of human infectious and chronic diseases. **Prerequisites & Notes:** HST 2000 or permission of instructor. Credits: 3

HST 3000 - 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. Credits: 2

HST 3100 - Disasters and Public Health: Planning and Response.
(3-1-3) S. Disasters and Public Health. This course addresses the special needs of Community and Public Health professionals in response to incidents that have been caused by natural or manmade disasters. Subjects covered include preparedness and response to disasters threats, hazard mitigation, home/workplace preparedness, community preparedness, and protection for disaster workers. Students completing the course requirements will become certified as a member of the Community Emergency Response Team (CERT). Credits: 3

HST 3120 - 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. Credits: 4

HST 3196 - 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. **Prerequisites & Notes:** HST 2270 or permission of instructor. Credits: 3

HST 3199 - 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. **Prerequisites & Notes:** HST 2250 or approval of instructor. Credit will not be given for both HST 3199 and KSS 3900. Credits: 3

HST 3200 - School Health.
(3-0-3) F, S. A survey of the school health program with emphasis on the responsibilities of school personnel. **Prerequisites & Notes:** HST 2000 or equivalent. Credits: 3

HST 3300 - 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. Credits: 2

HST 3310 - Driver Task Analysis.
(3-1-3) A foundation course in Driver Education teacher preparation that pertains to the highway transportation system, traffic problems, the driving task, perception and implementation of the driver education program. Behind the wheel laboratory experience is included. Course restricted to Teacher Education Majors. **Prerequisites & Notes:** A valid driver's license with a good driving record. Credits: 3

HST 3320 - Introduction to Classroom Methods in Driver Education.
(3-0-3) A foundation course in Driver Education teacher preparation that explores and develops classroom content, skills, and methodologies for driver education teachers. Current rules and regulations governing driver education administration, organization, and evaluation are included. Course restricted to Teacher Education Majors. **Prerequisites & Notes:** Credit for or concurrent enrollment in HST 3310. Credits: 3

HST 3330 - 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. **Prerequisites & Notes:** HST 3310 or permission of the instructor. Credits: 2

HST 3340 - Accident Prevention in Schools.
(2-0-2) F. Scope of the school safety problem. Administrative, instructional and community responsibility for safe schools. Credits: 2

HST 3350 - Industrial Safety.
(2-0-2) F, S. Trends and organizational techniques in accident prevention programs as related to industrial operations. Credits: 2

HST 3360 - Classroom and Behind-the-Wheel Teaching Methods for Driver Education.
(3-2-4) This course is designed to provide the prospective driver education teacher with the knowledge and skills necessary to successfully conduct classroom and behind-the-wheel instruction, provide a safe learning environment while doing so and evaluate new driver performance. Learning activities will focus on preparing the prospective driver educator to conduct activities which develop vehicle operational skills for a novice driver. Course restricted to Teacher Education Majors. **Prerequisites & Notes:** Valid driving

license; good-driving record, HST 3310 and HST 3320 or concurrent enrollment with HST 3360 with the permission of the chair. Credits: 4

HST 3400 - 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. **Prerequisites & Notes:** EDP 3331 and SED 3330; for ISEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110. Credits: 3

HST 3500 - Human Sexuality.
(3-0-3) A study of the biological, psychological, and cultural dimensions of human sexuality. Credits: 3

HST 3560 - 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. **Prerequisites & Notes:** ENG 1002G or permission of the instructor. Credits: 3

HST 3700 - 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. WI **Prerequisites & Notes:** ENG 1002 and HST 2270; may NOT be taken concurrently. Credits: 3

HST 3750 - 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 & Notes:** ENG 1002G and HST 2270.
Credits: 3

HST 3765 - 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. **Prerequisites & Notes:** HST 2270 or permission of the instructor. Credits: 3

HST 3800 - Health Education Research Methods II.
(3-0-3) F, S. An intermediate level examination of research methods and statistical analyses utilized by Public and School Health Education professionals. Content includes intermediate level qualitative and quantitative research design, data collection, statistical computation, and data analysis. WI **Prerequisites & Notes:** HST 2800. Course may not be repeated. Credits: 3

HST 3910 - 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. Credits: 3

HST 4250 - 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. WI **Prerequisites & Notes:** ENG 1002, HST 2270, and HST 3700. Credits: 3

HST 4770 - 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. WI **Prerequisites & Notes:** ENG 1002, HST 2250, 2270, 3700, and 75 hours completed, or permission of the instructor. Credits: 3

HST 4800 - 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. Credits: 3

HST 4810 - 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. **Prerequisites & Notes:** HST 4800. Credits: 2

HST 4820 - 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. **Prerequisites & Notes:** HST 4800. Credits: 2

HST 4890 - 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. Credits: 3

HST 4900 - 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. **Prerequisites & Notes:** HST 3310 or concurrent enrollment or permission of the instructor. Credits: 3

HST 4910 - 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. Credits: 3

HST 42751-42759 - Internship.
(Arr. 1-9) (Credit/No Credit) An individually planned internship in a community health agency or organization. **Prerequisites & Notes:** HST 2270, 3700 or 3400 and approval of the department chair. May be repeated once; the maximum credit which may be earned is twelve semester hours. Credits: 1 to 9

HST 47411 - Independent Study.
(Arr.-Arr.-1-3) F, S. An individual study under faculty supervision of pertinent literature, research, programs or other sources related to selected topics in Health Studies. **Prerequisites & Notes:** Permission of the chair of the department. Note: May be repeated once; the maximum amount of credit which may be earned is six semester hours. Credits: 1 to 3

HST 47412 - Independent Study.
(Arr.-Arr.-1-3) F, S. An individual study under faculty supervision of pertinent literature, research, programs or other sources related to selected topics in Health Studies. **Prerequisites & Notes:** Permission of the chair of the department. Note: May be repeated once; the maximum amount of credit which may be earned is six semester hours. Credits: 1 to 3

HST 47413 - Independent Study.
(Arr.-Arr.-1-3) F, S. An individual study under faculty supervision of pertinent literature, research, programs or other sources related to selected topics in Health Studies. **Prerequisites & Notes:** Permission of the chair of the department. Note: May be repeated once; the maximum amount of credit which may be earned is six semester hours. Credits: 1 to 3

HISTORY (HIS)

HIS 1500G - Roots of the Modern World: Society and Religion.
(3-0-3) Ancient Religion and Society: 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 “founders” of each faith and the central beliefs of each group, and analyze the conflicts (spiritual, social and political), that promoted changes of beliefs and practices over time. HIS 1500G is a general education course open to all EIU students. The electronically delivered version of HIS 1500G was created to satisfy the general education requirement in Humanities and Fine Arts for students enrolled in on-line delivery only. Students enrolled at EIU’s Charleston campus may not take the electronically-delivered version of this course. H2 900; H5 904N WI Credits: 3

HIS 1521G (1520G) - World History: Human Rights in History.
(3-0-3) F, S. This course examines how since the sixteenth century human rights have become a dominant but widely contested set of principles in international politics and global culture. The course will explore the philosophical origins and historical consequences of human rights in Europe and the Atlantic World, Africa, and Asia. The course is for non-history majors. History majors and Social Science majors are excluded from the course; on-campus students are excluded from on-line versions of the course. Equivalent course: HIS 1597G. Credits: 3

HIS 1522G (1510G) - World History: 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? And what was the experience of life on a slave plantation? This course will look at practices of slavery from across the globe. This course is for non-history majors. History majors and Social Science majors are excluded from this course; on-campus students are excluded from on-line versions of the course. Equivalent Courses: HIS 1598G. Credits: 3

HIS 1523G (1520G) - World History: From Monarchies to Mass Democracies.
(3-0-3) F, S. The course will study the transition from monarchies to mass democracies since the 18th century. It will discuss the role of the Enlightenment in building the idea of mass democracies, the Latin American and European revolutions, the rise of totalitarianism in Europe and Asia, and de-colonization in Asia and Africa. This course is for non-history majors. History majors and Social Science majors are excluded from the course; on-campus students are excluded from on-line versions of the course. Equivalent course: HIS 1593G. Credits: 3

HIS 1524G (1520G) - World History: The Age of Sail.
(3-0-3) F, S. Between the 14th and 19th centuries, global history was marked by the use of sailing ships for war, trade, exploration, and piracy. This course examines how seas acted as bridges and barriers between civilizations. It focuses on the motivations and experiences of common individuals from across the globe who traveled long distances and periods and seeks in these global lives the roots of the modern world. This course is for non-history majors. History majors and Social Science majors are excluded from this course; on-campus students are excluded from on-line versions of the course. Equivalent course: HIS 1594G. Credits: 3

HIS 1525G (1520G) - World History: Empires in Global History.
(3-0-3) F, S. This course examines the history of empires that shaped and influenced global politics, economy, and culture. How did the empires such as the Mongol, Ottoman, Spanish, British, Russian, Japanese, and American Empires rise and fall? Students will consider the legacies of these empires in today’s global interactions. This course is for non-history majors. History majors and Social Science majors are excluded from the course; on-campus students are excluded from on-line versions of the course. Equivalent Course: HIS 1595G. Credits: 3

HIS 1526G (1520G) - World History: The Twentieth-Century World.
(3-0-3) F, S. This course focuses on peoples and events from the Great War to the Cold War's end that continue to affect our world today, such as colonialism, the Great Depression, the world wars, the Holocaust, liberation movements and terrorism, technology, the environment, and civil rights. People discussed will include Gandhi, Mao Zedong, Lenin, the Dalai Lama, Nelson Mandela, Hitler, and Stalin. This course is for non-history majors. History majors and Social Science majors are excluded from the course; on-campus students are excluded from on-line versions of the course. Equivalent Course: HIS 1596G. Credits: 3

HIS 1590G - 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. WI **Prerequisites & Notes:** Students cannot receive honors credit for both HIS 1590G and RLS 1290G. Credits: 3

HIS 1593G (1592G) - World History: From Monarchies to Mass Democracies, Honors.
(3-0-3) F, S. The course will study the transition from monarchies to mass democracies since the 18th century. It will discuss the role of the Enlightenment in building the idea of mass democracies, the Latin American and European revolutions, the rise of totalitarianism in Europe and Asia, and de-colonization in Asia and Africa. This course is for non-history majors. History majors and Social Science majors are excluded from this course. Equivalent course: HIS 1523G. WI Credits: 3

HIS 1594G (1592G) - World History: The Age of Sail, Honors.
(3-0-3) F, S. Between the 14th and 19th centuries, global history was marked by the use of sailing ships for war, trade, exploration, and piracy. This course examines how seas acted as bridges and barriers between civilizations. It focuses on the motivations and experiences of common individuals from across the globe who traveled long distances and periods and seeks in these global lives the roots of the modern world. This course is for non-history majors. History majors and Social Science majors are excluded from the courses. Equivalent Course: HIS 1524G. WI Credits: 3

HIS 1595G (1592G) - World History: Empires in Global History, Honors.
(3-0-3) F, S. This course examines the history of empires that shaped and influenced global politics, economy, and culture. How did the empires such as the Mongol, Ottoman, Spanish, British, Russian, Japanese, and American Empires rise and fall? Students will consider the legacies of these empires in today’s global interactions. This course is for non-history majors. History majors and Social Science majors are excluded from the course. Equivalent Course: HIS 1525G. WI Credits: 3

HIS 1596G (1592G) - World History: The Twentieth-Century World, Honors.
(3-0-3) F, S. This course focuses on peoples and events from the Great War to the Cold War's end that continue to affect our world today, such as colonialism, the Great Depression, the world wars, the Holocaust, liberation movements and terrorism, technology, the environment, and civil rights. People discussed will include Gandhi, Mao Zedong, Lenin, the Dalai Lama, Nelson Mandela, Hitler, and Stalin. This course is for non-history majors. History majors and Social Science majors are excluded from the course. Equivalent Course: HIS 1526G. WI Credits: 3

HIS 1597G (1592G) - World History: Human Rights in History, Honors.
(3-0-3) F, S. This course examines how since the sixteenth century human rights have become a dominant but widely contested set of principles in international politics and global culture. The course will explore the philosophical origins and historical consequences of human rights in Europe and the Atlantic World, Africa, and Asia. This course is for non-history majors. History majors and Social

Science majors are excluded from the course. Equivalent Courses: HIS 1521G. WI Credits: 3

HIS 1598G (1591G) - World History: Slavery and Freedom, Honors.
F, S. (3-0-3) 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? And what was the experience of life on a slave plantation? This course will look at practices of slavery from across the globe. The course is for non-history majors. History majors and Social Science majors are excluded from the courses. Equivalent Courses: HIS 1522G. WI Credits: 3

HIS 2010G - History of the United States to 1877.
(3-0-3) The colonial period; the independence movement; framing and adoption of the Constitution; growth of American nationality; Manifest Destiny; the Civil War and Reconstruction. HIS 2010G is a general education course open to all EIU students. The electronically delivered version of HIS 2010G was created to satisfy the general education requirement in Humanities and Fine Arts for students enrolled in on-line delivery only. Students enrolled at EIU's Charleston campus cannot take the electronically-delivered version of this course. S2 900; HST 911 WI Credits: 3

HIS 2020G - History of the United States Since 1877.
(3-0-3) The new industrial society; agrarian movement; the United States as a world power through two world wars, The Great Depression and after. HIS 2020G is a general education course open to all EIU students. The electronically delivered version of HIS 2020G was created to satisfy the general education requirement in Humanities and Fine Arts for students enrolled in on-line delivery only. Students enrolled at EIU's Charleston campus cannot take the electronically-delivered version of this course. S2 901; HST 912 WI Credits: 3

HIS 2090G - 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. S2 900 WI **Prerequisites & Notes:** Admission to the Honors College. Credits: 3

HIS 2091G - 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. S2 901 WI **Prerequisites & Notes:** Admission to the Honors College. Credits: 3

HIS 2500 - Historical Research and Writing.
(1-4-3) F, S. Introduction to historical writing and research, emphasizing documentation conventions and source analysis. WI Credits: 3

HIS 2560 - Early Modern World History.
(3-0-3) F, S, Su. A survey of world history from the fourteenth through the eighteenth centuries. WI Credits: 3

HIS 3040 - 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 Credits: 3

HIS 3100 - 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 Credits: 3

HIS 3110 - 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 Credits: 3

HIS 3120 - Ancient Egypt.
(3-0-3) On Demand. The course surveys the history, culture, literature, and institutions of ancient Egypt, beginning with the Predynastic period and finishing with the coming of the Romans. WI, NUS Credits: 3

HIS 3130 - Iraq and the Ancient Near East.
(3-0-3) On Demand. The course surveys the history, culture, literature, and institutions of pre-Islamic Iraq and neighboring regions of the Middle East, from the early Sumerian period to the conquest of the Persian Empire by Alexander the Great. WI, NUS Credits: 3

HIS 3140 - Ancient Greece.
(3-0-3) F. The course surveys the history, culture, literature, and institutions of Ancient Greece, beginning with the Mycenaean period and finishing with the coming of the Romans. The course will investigate the major political, cultural, and economic changes in the Greek world. WI, NUS Credits: 3

HIS 3150 - The Roman World.
(3-0-3) On Demand. The course will explore the history of the Romans from the eighth century BCE to the end of the fifth century CE, with a focus on Roman literature, art history, religion, and daily life. It will investigate Roman cultural, military, and political interactions with other groups, first in Italy and eventually across the Mediterranean basin. WI, NUS Credits: 3

HIS 3175 - 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. Credits: 3

HIS 3200 - Islamic History.
(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 Credits: 3

HIS 3210 - 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 Credits: 3

HIS 3245 - African History to 1400.
(3-0-3) F. This course complements HIS 3250. It begins with archaeological evidence for human origins in Africa, and continues through the rise of African empires between 900 AD and 1400 AD. WI, NUS Credits: 3

HIS 3250 - African History from 1400.
(3-0-3) S. This course complements HIS 3245. It examines the history of Africa from prior to the European invasion to the present day. Course topics include the Atlantic and Arab slave trades, European imperialism and colonialism, the post-colonial age, African geography, Islam and other religions in Africa, arts, political organizations, and Africa in the world. WI, NUS Credits: 3

HIS 3255 - 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 Credits: 3

HIS 3260 - 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, popularist and authoritarian paths to development, the Cuban and Central American Revolutions, and the recent rise of neo-liberalism. WI, NUS3 Credits: 3

HIS 3320 - History of Modern China.
(3-0-3) On Demand. Survey of Chinese history between 1800 and present. WI, NUS3 Credits: 3

HIS 3330 - 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, NUS Credits: 3

HIS 3340 - Medieval and Imperial Russia.
(3-0-3) On Demand. Studies the political, social, cultural and economic history of Russia 860 - 1917. WI, NUS Credits: 3

HIS 3350 - Twentieth Century Russia.
(3-0-3) On Demand. Studies the political, social, cultural and economic history of Russia 1917-present. WI, NUS Credits: 3

HIS 3380 - The Golden Age of Piracy.
(3-0-3) On Demand. This course is an interdisciplinary study of the Golden Age of piracy in the early modern Atlantic World. Focusing on the period between 1500-1726 it will use pirates as a lens through which to study the massive transformations of the late 16th to the 19th century that marked the development of interconnected economies and societies in the Atlantic basin. WI, NUS Credits: 3

HIS 3405 - 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 Credits: 3

HIS 3410 - French Revolution.
(3-0-3) On Demand. A study of the French Revolution and the concept of the revolution in general. WI, NUS Credits: 3

HIS 3415 - World War I.
(3-0-3) S. A study of the background, course, and consequences of the first world war. WI Credits: 3

HIS 3420 - World War II.
(3-0-3) F. A study of the background, course and consequences of the second world war. WI Credits: 3

HIS 3450 - 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 Credits: 3

HIS 3500 - Climate, Environment and History Since the last Ice Age.
(3-0-3) F. Since the 1960s historians and geographers have become more concerned with the impact of climate on history and the global environment, with increasing emphasis on the interdisciplinary nature of this study. Students will engage in exploring the last 18,000 years with an integrated historic and geographic methodology, to gain a better understanding of how human societies have adapted to climate-driven changes. Cross-listed with GEG 3500. WI Credits: 3

HIS 3520 - 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 Credits: 3

HIS 3530 - 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. Credits: 4

HIS 3540 - Medieval and Renaissance Italy - North and South.
(3-0-3) On Demand. This course surveys Italian history, from the fifth century collapse of Roman imperial authority in the west, through the rise of the powerful city-states in the fifteenth century. It illuminates the divergent histories of Italy's north and south, and explains how one becomes among the most intellectually and economically sophisticated areas in Western Europe, while the other is effectively colonized by foreign rulers. Course may not be repeated. WI, NUS Credits: 3

HIS 3555 - Modern World History.
(3-0-3) A survey of world history during the nineteenth and twentieth centuries. WI **Prerequisites & Notes:** 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. Credits: 3

HIS 3600G - 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 Credits: 3

HIS 3690G - 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. WI **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

HIS 3700G - 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 Credits: 3

HIS 3750 - 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 Credits: 3

HIS 3760 - 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 Credits: 3

HIS 3770 - Native American History.
(3-0-3) F. Explores the history of Native American peoples from prehistory to the present. WI Credits: 3

HIS 3790G - 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. **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

HIS 3800 - U.S. Diplomatic History.
(3-0-3) On Demand. A survey of American diplomacy from the American Revolution to the present time. WI, US Credits: 3

HIS 3801 - U.S. Rural History
(3-0-3) On Demand. Study of historic issues related to society, culture and agriculture in the rural United States from contact to the present. Course may not be repeated. WI, US Credits: 3

HIS 3810 - 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 Credits: 3

HIS 3900 - 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 Credits: 3

HIS 3920 - 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 Credits: 3

HIS 3930 - 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 Credits: 3

HIS 3940 - 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 Credits: 3

HIS 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. WI Credits: 1 to 15

HIS 39701 - Study Abroad I.
(Arr.-Arr.-1-15) See STA 3970. WI Credits: 1 to 15

HIS 39702 - Study Abroad II.
(Arr.-Arr.-1-15) See STA 3970. WI Credits: 1 to 15

HIS 3990 - 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 Credits: 1 to 4

HIS 4303 - 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. WI, US **Prerequisites & Notes:** Three semester hours in courses numbered 3000 and above in history or written consent of the instructor. Credits: 3

HIS 4304 - 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. WI, US **Prerequisites & Notes:** Three semester hours in courses numbered 3000 and above in history or written consent of the instructor. Credits: 3

HIS 4350 - The Dr. Herbert Lasky Seminar in the Early National History of the US.
(3-0-3) F. The Early National era (1787-1815) saw Americans write their Constitution, fight their first major war, and engage in intense political and cultural battles over the meaning of their Revolutionary heritage. In this rigorous seminar, students will explore in depth the history of America's diverse founding generation. Restricted to Junior and Senior History majors. Course may not be repeated. WI, US Credits: 3

HIS 44001 - Independent Study in History I.
(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 for each independent study.) WI Credits: 1 to 4

HIS 44002 - Independent Study in History II.
(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 for each independent study.) WI Credits: 1 to 4

HIS 44441 - Honors Independent Study I.
(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. WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

HIS 44442 - Honors Independent Study II.
(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. WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

HIS 45551 - Honors Research I.
(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. WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

HIS 45552 - Honors Research II.
(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. WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

HIS 46441 - Honors Thesis I.
(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. WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

HIS 46442 - Honors Thesis II.
(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. WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

HIS 4600 - 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 Credits: 3

HIS 4666 - Honors Seminar.
(3-0-3) Areas of investigation which require integration of History and research will be treated. WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

HIS 4775A - Selected Topics in History A.
(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. Course may be repeated once with permission of

the department chairperson. WI **Prerequisites & Notes:** Three semester hours in courses numbered 3000 and above in history or written consent of the instructor. Credits: 2 to 3

HIS 4775B - Selected Topics in History B.
(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. Course may be repeated once with permission of the department chairperson. WI **Prerequisites & Notes:** Three semester hours in courses numbered 3000 and above in history or written consent of the instructor. Credits: 2 to 3

HIS 4780 - 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. WI, NUS **Prerequisites & Notes:** Course may not be repeated. Credits: 3

HIS 4785 - Crusade and Jihad: Religious Violence in the Islamo-Christian Tradition.
(3-0-3) On Demand. This course is designed to juxtapose the medieval understanding of violence and war in both the Western Christian and Islamic traditions with modern understandings of those same phenomena. This course traces the intellectual developments of these concepts during the Middle Ages, and it explores how medieval conceptions of violence are reinterpreted and redeployed in the nineteenth through twenty-first centuries. Course may not be repeated. WI, NUS Credits: 3

HIS 4800 - 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. WI, NUS **Prerequisites & Notes:** Three semester hours in courses numbered 3000 and above in history or the consent of instructor. Credits: 3

HIS 4810 - Europe in the Nineteenth Century.
(3-0-3) On Demand. An investigation into the political, economic, social and intellectual developments in 19th century Europe. WI, NUS **Prerequisites & Notes:** Three semester hours in courses numbered 3000 and above in history or written consent of the instructor. Credits: 3

HIS 4815 - History of Ireland and the Irish, 1600 to the Present.
(3-0-3) On Demand. This course focuses on twentieth-century issues and events in Ireland but roots these in the Anglo-Scot settlements of the seventeenth century, the romantic nationalism of the late-eighteenth century, and the rural conflict and famine of the nineteenth. It also examines the Irish diaspora outside the isle, as well as the IRA and the UDA in modern Northern Ireland. Course may not be repeated. WI, NUS Credits: 3

HIS 4820 - 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. WI, NUS **Prerequisites & Notes:** Three semester hours in courses numbered 3000 and above in history or written consent of the instructor. Credits: 3

HIS 4830 - Eastern Europe from World War I to the Present.
(3-0-3) On Demand. Eastern Europe from World War I to the present. WI, NUS **Prerequisites & Notes:** Three semester hours in courses numbered 3000 and above in history or written consent of the instructor. Credits: 3

HIS 4840 - Europe Since 1945.
(3-0-3) On Demand. A political, social and cultural history of Europe since World War II. WI, NUS **Prerequisites & Notes:** Three semester hours in courses numbered 3000 and above in history or written consent of the instructor. Credits: 3

HIS 4845 - 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, NUS Credits: 3

HIS 4850 - 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. WI, NUS3 **Prerequisites & Notes:** Three semester hours in courses numbered 3000 and above in history or the consent of the instructor. Credits: 3

HIS 4863 - The Trojan War: History and Archaeology.
(3-0-3) On Demand. The ancient Greek legend of the Trojan War, immortalized by Homer's Iliad, has captivated readers for generations. But is there a historical basis for it? This course will explore the historical and archaeological evidence for a Bronze Age Trojan War in western Anatolia. WI, NUS Credits: 3

HIS 4865 - Alexander the Great.
(3-0-3) On Demand. Alexander the Great, king of Macedon in the fourth century BCE, became a living legend when he conquered the Persian Empire and extended Greek culture all the way to India. This course will investigate issues, questions, and controversies about the man and his times, beginning with the reign of his father Philip and ending with Alexander's legacy. WI, NUS Credits: 3

HIS 4870 - 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, NUS Credits: 3

HIS 4880 - 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, NUS Credits: 3

HIS 4900 - 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. WI **Prerequisites & Notes:** Junior, Senior, or Graduate Status. Credits: 3

HIS 4910 - 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. WI, US **Prerequisites & Notes:** Three semester hours in history courses numbered 3000 and above or the consent of the instructor. Credits: 3

HIS 4930 - 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 Credits: 3

HIS 4940 - 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 – economic development, politics and reform, ideology and culture, and western expansion. WI, US **Prerequisites & Notes:** Three semester hours in history courses numbered 3000 or above, or permission of instructor. Credits: 3

HIS 4950 - 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 Credits: 3

HIS 4960 - Contemporary America.
(3-0-3) On Demand. Study of major issues affecting the present generation with an emphasis upon historical courses and parallels. WI, US **Prerequisites & Notes:** Three semester hours in courses numbered 3000 and above in history or written consent of the instructor. Credits: 3

HIS 4970 - History of Ideas in America.
(3-0-3) On Demand. The development of American ideas from first settlement to the present. WI, US **Prerequisites & Notes:** Three semester hours in courses numbered 3000 and above in history or written consent of the instructor. Credits: 3

HIS 4980 - 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 Credits: 3

HONORS (HON)

HON 1190 - Honors Forum.
(1-0-1) F. The course is designed to introduce first-year University Honors students to the academy and opportunities and expectations for success at Eastern Illinois University. Students will also meet Honors faculty and discover undergraduate research, scholarship, and creative activity opportunities. They will learn of curricular and co-curricular opportunities and ways in which they might integrate their learning and experiences in order to enrich their college experience. WI **Prerequisites & Notes:** Admission to the University Honors Program. Course may not be repeated. Credits: 1

HON 1191 - 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. WI **Prerequisites & Notes:** 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. Credits: 3

HON 4555 - Honors Research.
(Arr.-Arr.-1 to 3) On Demand. In consultation with a faculty mentor, 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 a Departmental Honors Coordinator or Dean of the Honors College prior to registration. WI **Prerequisites & Notes:** Admission to a departmental honors program or permission of the Dean of the Honors College. Course may be repeated once to a maximum of 6 hours. Credits: 1 to 3

HON 4644 - Honors Thesis.
(Arr.-Arr.-3) On Demand. Preparation of a written thesis on a topic approved by a faculty supervisor and a Departmental Honors Coordinator or Dean of the Honors College prior to registration. WI **Prerequisites & Notes:** Admission to a Departmental Honors program or permission of the Dean of the Honors College, and completion of HON 4555. Course may be repeated once. Credits: 3

JOURNALISM (JOU)

JOU 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 Credits: 3

JOU 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. WI **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

JOU 2101 - News Writing.
(2-2-3) On Demand. Introduction to the study and practice of gathering and writing information for news media. MC 919 WC **Prerequisites & Notes:** A minimum grade of "B" in English 1001G or a minimum grade of "C" in both English 1001G and English 1002G. Credits: 3

JOU 2901 - 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. MC920 **Prerequisites & Notes:** A minimum grade of "C" in JOU 2101. Credits: 3

JOU 2950 - 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. Credits: 3

JOU 3000 - Advanced Reporting and Research.
(2-2-3) On Demand. Advanced techniques of writing and reporting for news media. WC **Prerequisites & Notes:** A minimum grade of "C" in JOU 2101. Credits: 3

JOU 3001 - Photojournalism.
(2-2-3) On Demand. Photographic work in journalism with emphasis on photo content. **Prerequisites & Notes:** A minimum grade of "C" in JOU 2950 or permission of the instructor. Credits: 3

JOU 3002 - Introduction to Multimedia Journalism.
(2-2-3) On Demand. An introduction to basic elements of multimedia journalistic reporting and storytelling, including audio, video, slideshows, and online journalism formats. **Prerequisites & Notes:** JOU 2101 and JOU 2950. Prerequisites may not be taken concurrently. Course may not be repeated. Credits: 3

JOU 3102 - 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. WC **Prerequisites & Notes:** A

minimum grade of "C" in JOU 2101 or permission of the instructor. Credits: 3

JOU 3300 - Publication Design.
(2-2-3) On Demand. The introductory study of principles and practices of headline writing, of selecting and editing photos and graphics and of layout and design of pages for newspapers, magazines, newsletters and brochures. **Prerequisites & Notes:** JOU 2950. Course may not be repeated. Credits: 3

JOU 3401 - 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, WEIU-TV-FM, and The Agency. **Prerequisites & Notes:** JOU 2001 and a minimum grade of "C" in JOU 2101. Credits: 1

JOU 3501 - Principles of Advertising.
(3-0-3) On Demand. Principles of advertising with special emphasis on advertising design and sales for mass media. Credits: 3

JOU 3610 - Broadcast News.
(2-2-3) On Demand. The study and practice of basic broadcast news skills with an emphasis on gathering, writing, producing and disseminating information via radio and television. Cross-listed with CMN 3610. WC **Prerequisites & Notes:** JOU 3002 or CMN 2575, or permission of instructor. Credit not granted for both JOU 3610 and CMN 3610. Credits: 3

JOU 3620 - Advanced Broadcast News.
(2-2-3) On Demand. The study and practice of advanced broadcast news skills with an emphasis on writing, shooting, editing, anchoring, reporting and producing news for radio, television and online media. Cross-listed with CMN 3620. **Prerequisites & Notes:** CMN/JOU 3610 or permission of instructor. Credit not granted for both JOU 3620 and CMN 3620. Credits: 3

JOU 3703 - Online Journalism.
(2-2-3) On Demand. In-depth study of the implications of the Internet on journalistic media and laboratory for design and production of journalistic Web sites using elements of design, photography, audio, and video as means of journalism delivery. **Prerequisites & Notes:** JOU 2950 and JOU 3002. Neither prerequisite may be taken concurrently. Course may not be repeated. Credits: 3

JOU 3705 - 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. WC **Prerequisites & Notes:** A minimum grade of "C" in JOU 2101 and JOU 2901 or permission of the instructor. Credits: 3

JOU 3706 - Sports Writing
(2-2-3) On Demand. Advanced techniques of writing and reporting on sports for print, online, and electronic media. WC **Prerequisites & Notes:** A minimum grade of "C" in JOU 2101. Credits: 3

JOU 3800 - 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. **Prerequisites & Notes:** A minimum grade of "C" in JOU 2901 or permission of the instructor. Credits: 3

JOU 3820 - 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. WI Credits: 3

JOU 3903 - 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. **Prerequisites & Notes:** ENG 1002G. Credits: 3

JOU 3920 - Public Relations in Society.
(3-0-3) 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 2920 and JOU 3920 or for CMN 3920 and JOU 3920. WI Credits: 3

JOU 3950A - Special Topics I.
(Arr.-Arr.-1-3) On Demand. A course devoted to special topics in journalism. WC **Prerequisites & Notes:** JOU 2001 and permission of the instructor. May be repeated once for credit. Credits: 1 to 3

JOU 3950B - Special Topics II.
(Arr.-Arr.-1-3) On Demand. A course devoted to special topics in journalism. WC **Prerequisites & Notes:** JOU 2001 and permission of the instructor. May be repeated once for credit. Credits: 1 to 3

JOU 3950D - Special Topics III.
(Arr.-Arr.-1-3) On Demand. A course devoted to special topics in journalism. WC **Prerequisites & Notes:** JOU 2001 and permission of the instructor. May be repeated once for credit. Credits: 1 to 3

JOU 3950E - Special Topics IV.
(Arr.-Arr.-1-3) On Demand. A course devoted to special topics in journalism. WC **Prerequisites & Notes:** JOU 2001 and permission of the instructor. May be repeated once for credit. Credits: 1 to 3

JOU 3951 - 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. **Prerequisites & Notes:** ENG 1002G. Credits: 3

JOU 3952 - 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. Credits: 3

JOU 3953 - 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 sports broadcasting and the state of these fields today. Credit will not be given for both CMN 3953 and JOU 3953. Cross-listed with CMN 3953. WI **Prerequisites & Notes:** ENG 1001G and ENG 1002G; JOU 2001 or CMN 2520 or permission of instructor. Credits: 3

JOU 3955 - Reporting on the Arts.
(3-0-3) On Demand. This course introduces the student to the world of arts coverage from film, to theater, to music, to art, to television, to book reviews. Attention will be given to how to cover the local art community, including how to write advance stories, features and news stories. Special emphasis will be given to how to write reviews of performances. WI **Prerequisites & Notes:** JOU 3000. Course may not be repeated. Credits: 3

JOU 4001 - Media Management.
(3-0-3) On Demand. This course examines the workings of the news media, including newspapers, television and electronic news organizations. Attention will be given to issues facing the news

media, including changing ownership, readership/viewership patterns, diversity needs and technological developments. Management techniques, including decision-making strategies will be examined. **Prerequisites & Notes:** JOU 3000 or permission of the instructor. Credits: 3

JOU 4102 - 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. WI **Prerequisites & Notes:** Junior Standing. Credits: 3

JOU 4275 - 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. **Prerequisites & Notes:** JOU 3000 and permission of the department chair. Credits: 1 to 3

JOU 4444 - 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. WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of Departmental Honors Coordinator. May be repeated once for a maximum of six credit hours. Credits: 1 to 6

JOU 4555 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of Departmental Honors Coordinator. May be repeated once for a maximum of six credit hours. Credits: 1 to 6

JOU 4644 - 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. WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of Departmental Honors Coordinator. May be repeated once for maximum of six credit hours. Credits: 3 to 6

JOU 4666 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of Departmental Honors Coordinator. May be repeated once for a maximum of six credit hours. Credits: 1 to 6

JOU 4750 - Independent Study.
(Arr.-Arr.-1-3) On Demand. Individual pursuit of in-depth study of selected topic in Journalism developed by student. **Prerequisites & Notes:** 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 Credits: 1 to 3

JOU 4751 - 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. **Prerequisites & Notes:** A minimum grade of "C" in JOU 3001 or permission of instructor. Credits: 3

JOU 4760 - 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. **Prerequisites & Notes:** A minimum grade of "C" in JOU 3300 or permission of instructor. Credits: 3

JOU 4761 - 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. **Prerequisites & Notes:** JOU 3703 or permission of the instructor. Credits: 3

JOU 4762 - 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. **Prerequisites & Notes:** JOU 3703 or permission of the instructor. Credits: 3

JOU 4770 - 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. WI **Prerequisites & Notes:** JOU 3000 or permission of the instructor. Credits: 3

JOU 4771 - 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. **Prerequisites & Notes:** Junior standing. Credits: 3

JOU 4801 - 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. **Prerequisites & Notes:** Permission of instructor. Credits: 1

JOU 4802 - 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. **Prerequisites & Notes:** JOU 4801 or permission of instructor. Credits: 1

JOU 4803 - 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. **Prerequisites & Notes:** JOU 4801 or permission of instructor. Credits: 1

JOU 4900 - Journalism Seminar.
(3-0-3) On Demand. In-depth study of various topics in journalism. WI **Prerequisites & Notes:** Permission of the instructor. Credits: 3

JOU 4919 - 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. **Prerequisites & Notes:** JOU 3920. A minimum grade of “C” in JOU 3300. Credit will not be given for both JOU 4919 and CMN 4919. Credits: 3

JOU 4920 - 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. **Prerequisites & Notes:** JOU 4919 or permission of the instructor. Credit will not be given for both JOU 4920 and CMN 4920. Credits: 3

KINESIOLOGY & SPORTS STUDIES (KSS)

KSS 1000A, B, D, E - Physical Development.
(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.). May be repeated once. Credits: 1 to 3

KSS 1150 - 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 KSS 1150 and KSS 2850. The course is not open to Kinesiology & Sports Studies majors or minors. Credits: 2

KSS 1310 - 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 Kinesiology & Sports Studies aquatics requirements, or in 1 hour service course requirements for Kinesiology & Sports Studies majors with teacher certification options. Credits: 1

KSS 1400 - Swimming (Beginning).
(0-2-1) F, S. For beginning swimmers only. Persons able to swim 45 feet should enroll in KSS 1410. May be repeated once to meet the minimum 120 semester hours toward graduation. Credits: 1

KSS 1410 - Swimming (Intermediate).
(0-2-1) F, S. For intermediate swimmers. Persons able to swim 45 feet should enroll in this class. May be repeated once to meet the minimum 120 semester hours toward graduation. Credits: 1

KSS 1440 - 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 repeated once to meet the minimum 120 semester hours toward graduation. **Prerequisites & Notes:** 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. Credits: 2

KSS 1500 - Kinesiology and Sports Studies 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 kinesiology and sports studies. Credits: 2

KSS 1600 - Weight Training.
(0-2-1) F, S. This is a beginning course. May be repeated once to meet the minimum 120 semester hours toward graduation. Credits: 1

KSS 1660 - Bowling.
(0-2-1) F, S. This is a beginning course. May be taken repeated once to meet the minimum 120 semester hours toward graduation. Fee. Credits: 1

KSS 1670 - Golf.
(0-2-1) F, S. This is a beginning course. May be repeated once to meet the minimum 120 semester hours toward graduation. Credits: 1

KSS 1692 - 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 repeated once to meet the minimum 120 semester hours toward graduation. Credits: 1

KSS 1720 - Basketball.
(0-2-1) F, S. This is a beginning course. May be repeated once to meet the minimum 120 semester hours toward graduation. Credits: 1

KSS 1770 - Volleyball.
(0-2-1) F. This is a beginning course. May be repeated once to meet the minimum 120 semester hours toward graduation. Credits: 1

KSS 1830 - Racquetball.
(0-2-1) F, S. This is a beginning course. May be repeated once to meet the minimum 120 semester hours toward graduation. Credits: 1

KSS 1850 - Self Defense.
(0-2-1) F, S. The course is designed to introduce students to the art of self defense. Credits: 1

KSS 1870 - Tennis.
(0-2-1) F, S. This is a beginning course. May be repeated once to meet the minimum 120 semester hours toward graduation. Credits: 1

KSS 1920 - Ballroom Dance.
(0-2-1) F, S. This is a beginning course. May be repeated once to meet the minimum 120 semester hours toward graduation. Credits: 1

KSS 2000 - 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 Kinesiology & Sports Studies majors. **Prerequisites & Notes:** Preference will be given to Kinesiology & Sports Studies majors. Credits: 1

KSS 2101 - Technique and Theory of Badminton and Tennis.
(0-4-2) F, S. The development of basic skills and techniques of badminton and tennis. Credits: 2

KSS 2102 - Technique and Theory of Golf and Bowling.
(0-4-2) F, S. The development of basic skills and techniques of golf and bowling. Fee. Credits: 2

KSS 2103 - 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. Credits: 2

KSS 2104 - 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. Credits: 2

KSS 2106 - 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. Credits: 2

KSS 2130 - Athletic Training Practicum.
(Arr.-Arr.-1) F, S. Practical experience in athletic training skills. Credits: 1

KSS 2135 - 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. Credits: 3

KSS 2136 - Athletic Training as a Profession.
(2-2-3) F. Introduction of basic Athletic Training skills and procedures. **Prerequisites & Notes:** KSS 2130, 2135, or permission of instructor for transfer students; all students must have minimum of 12 credit hours. Fee. Credits: 3

KSS 2137 - Introduction to Athletic Training Clinical Education.
(Arr.-Arr.-1) S. Practical experience in supervised clinical settings with an emphasis on the application of fundamental athletic training skills. This course contains advanced content and it is only intended for students currently admitted into the Athletic Training Education Program. Co-requisite: KSS 2136. **Prerequisites & Notes:** KSS 2130 and KSS 2135. The prerequisite courses may not be taken concurrently with KSS 2137. Course may not be repeated. Credits: 1

KSS 2220 - 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. Credits: 2

KSS 2230 - 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. Credits: 2

KSS 2360 - Techniques and Theory of Softball and Volleyball.
(0-4-2) F, S. The development of basic game skills, strategies and technique in softball and volleyball. Credits: 2

KSS 2380 - Technique and Theory of Flag Football and Basketball.
(0-4-2) F, S. The development of basic game skills, strategies and techniques in basketball and flag football. Credits: 2

KSS 2390 - Technique and Theory of Soccer/Speed-ball, and Modified Team Sports.
(0-4-2) F, S. Instruction in the techniques, theory, and game procedures in soccer, speedball, and modified team sports. Credits: 2

KSS 2440 - Structural Kinesiology.
(3-0-3) F, S. The study of musculoskeletal anatomy as it relates to human movement. Course restricted to Kinesiology & Sports Studies majors and may not be repeated. Credits: 3

KSS 2450 - 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. Credits: 3

KSS 2761 - Introduction to Sport Management.
(3-0-3) On Demand. Provide an overview of the field of sport management by introducing the historical aspects of the discipline and key content areas. Topics to be included are managerial leadership, marketing, communications, finance and economics, sport sociology, and law and their application in professional, intercollegiate, interscholastic, and youth and community sport programs. Course is restricted to Kinesiology & Sports Studies majors. Credits: 3

KSS 2850 - Fitness for Life.
(3-0-3) F, S. An individual 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 Assessment, Testing, and Prescription Laboratory. Course may not be repeated. Credits: 3

KSS 2890 - 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. **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

KSS 2900G - International Expression for Dance.
(3-0-3) F, S. A study of major international dance forms, with emphasis on awareness, appreciation, and understanding of their contributions to the arts. F1 906 WI Credits: 3

KSS 3000 - Fitness Concepts for Teachers.
(1-0-1) F, S. 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. **Prerequisites & Notes:** Restriction: Kinesiology & Sports Studies Majors are excluded. Credits: 1

KSS 3140 - Injury Recognition – Upper Extremity.
(2-1-2) F. A study of the relationship of the upper extremity to various injuries, diagnosis and assessment procedures as well as the immediate care of those injuries. This course contains advanced content and it is only intended for students currently admitted to the Athletic Training Education Program. **Prerequisites & Notes:** Co-requisite: KSS 3150. Prerequisites: KSS 2130, KSS 2135, KSS 2136, and KSS 2137. The prerequisite courses may not be taken concurrently with KSS 3140. Course may not be repeated. Credits: 2

KSS 3141 - Injury Recognition – Lower Extremity.
(2-1-2) S. A study of the relationship of the lower extremity to various injuries, diagnosis and assessment procedures as well as the immediate care of those injuries. This course contains advanced content and it is only intended for students currently admitted into the Athletic Training Education Program. Co-requisite: KSS 3151. **Prerequisites & Notes:** KSS 2130, 2135, 2136 and 2137. The prerequisite courses may not be taken concurrently with KSS 3141. Course may not be repeated. Credits: 2

KSS 3142 - Therapeutic Exercise.
(2-1-2) F. A study of the body's response to injury and wound repair, systematic approach to rehabilitation, current rehabilitation techniques and program development of therapeutic exercise as it relates to athletes and physically active individuals. This course contains advanced content and it is only intended for students currently admitted into the Athletic Training Education Program. Co-requisite: KSS 3152. **Prerequisites & Notes:** KSS 2130, 2135, 2136 and 2137. The prerequisite courses may not be taken concurrently with KSS 3142. Course may not be repeated. Credits: 2

KSS 3143 - Therapeutic Modalities.
(2-1-2) S. A study of the theories and principles, physiological effects, indications, contraindications and standard operating procedures of all therapeutic modalities commonly utilized in Athletic Training. This course contains advanced content and it is only intended for students currently admitted into the Athletic Training Education Program. Co-requisite: KSS 3153. **Prerequisites & Notes:** KSS 2130, 2135, 2136 and 2137. The prerequisite courses may not be taken concurrently with KSS 3143. Credits: 2

KSS 3144 - Seminar in Sports Medicine.
(2-0-2) F. A seminar approach to Sports Medicine as it pertains to Athletic Training, including but not limited to: administration, legal

and ethical matters, confidentiality, budget processes, insurance, facility planning, design and maintenance, successful job search techniques as well as current issues and trends affecting the profession. This course contains advanced content and it is only intended for students currently admitted into the Athletic Training Education Program. **Prerequisites & Notes:** Co-requisite: KSS 3154. Prerequisites: KSS 2130, 2135, 2136 and 2137. The prerequisite courses may not be taken concurrently with KSS 3144. Credits: 2

KSS 3150 - Athletic Training Clinical I: Injury Recognition – Upper Extremity.
(0-3-2) F. Practical experience in supervised clinical settings with an emphasis on the relationship of the upper extremity to various injuries, diagnosis and assessment procedures as well as the immediate care of those injuries. This course contains advanced content and it is only intended for students currently admitted into the Athletic Training Education Program. Co-requisite: KSS 3140. **Prerequisites & Notes:** KSS 2130, 2135, 2136 and 2137. The prerequisite courses may not be taken concurrently with KSS 3150. Course may not be repeated. Credits: 2

KSS 3151 - Athletic Training Clinical II: Injury Recognition – Lower Extremity.
(0-3-2) S. Practical experience in supervised clinical settings with an emphasis on the relationship of the lower extremity to various injuries, diagnosis and assessment procedures as well as the immediate care of those injuries. This course contains advanced content and it is only intended for students currently admitted into the Athletic Training Education Program. Co-requisite: KSS 3141. **Prerequisites & Notes:** KSS 2130, 2135, 2136 and 2137. The prerequisite courses may not be taken concurrently with KSS 3151. Course may not be repeated. Credits: 2

KSS 3152 - Athletic Training Clinical III: Therapeutic Exercise.
(0-3-2) F. Practical experience in supervised clinical settings with an emphasis on the application of current rehabilitation techniques and program development of therapeutic exercise as it relates to athletes and physically active individuals. This course contains advanced content and it is only intended for students currently admitted into the Athletic Training Education Program. Co-requisite: KSS 3142. **Prerequisites & Notes:** KSS 2130, 2135, 2136 and 2137. The prerequisite courses may not be taken concurrently with KSS 3152. Course may not be repeated. Credits: 2

KSS 3153 - Athletic Training Clinical IV: Therapeutic Modalities.
(0-3-2) S. Practical experience in supervised clinical settings with an emphasis on the application of therapeutic modalities and program development of comprehensive rehabilitation programs that include therapeutic modalities as it relates to athletes and physically active individuals. This course contains advanced content and it is only intended for students currently admitted into the Athletic Training Education Program. Co-requisite: KSS 3143. **Prerequisites & Notes:** KSS 2130, 2135, 2136 and 2137. The prerequisite courses may not be taken concurrently with KSS 3153. Course may not be repeated. Credits: 2

KSS 3154 - Athletic Training Clinical V: Seminar in Sports Medicine.
(0-3-2) F. Practical experience in supervised clinical settings with an emphasis on the application of administration and leadership skills. This clinical experience will also allow for a continuation of the student's opportunity to synthesize their knowledge and skills of previously taught clinical proficiencies and competencies. This course contains advanced content and it is only intended for students currently admitted into the Athletic Training Education Program. Co-requisite: KSS 3144. **Prerequisites & Notes:** KSS 2130, 2135, 2136 and 2137. The prerequisite courses may not be taken concurrently with KSS 3154. Course may not be repeated. Credits: 2

KSS 3180 - 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 & Notes:** KSS 2130, KSS 2135, KSS 2136. Credits: 2

KSS 3400 - Secondary Physical Education Methods.
(3-2-4) On Demand. Techniques and methods of teaching secondary students in the area of physical education. **Prerequisites & Notes:** Grade of "C" or better in KSS 2000, KSS 3600, KSS 3641; SED 3330 and EDP 3331. MUST be taken concurrently with KSS 3401 for K-12 Kinesiology & Sports Studies majors. Restricted to Kinesiology & Sports Studies Teaching Majors or Minors. Credits: 4

KSS 3401 - Elementary Physical Education Methods.
(3-2-4) On Demand. Techniques and methods of teaching elementary students in physical education. **Prerequisites & Notes:** Grade of "C" or better in KSS 2000, KSS 3600, KSS 3641; SED 3330 and EDP 3331. MUST be taken concurrently with KSS 3400. Restricted to Kinesiology & Sports Studies Teaching Majors or Minors. Credits: 4

KSS 3460 - Soccer Coaching.
(2-1-2) F. A course which exposes students to the four components of soccer: technical, tactical, psychological, and physical. The student will be able to develop and implement appropriate training sessions, better understand the responsibilities of coaching, observe and identify systems of play with different strategies, and know the rules of the game. **Prerequisites & Notes:** Previous background or permission of the instructor. Course may not be repeated. Credits: 2

KSS 3470 - Basketball Coaching.
(2-2-3) F. Offensive and defensive styles of play; fundamentals, individual and team play; rules and strategy; conduct of tournament play. **Prerequisites & Notes:** Previous background or permission of instructor. Credits: 3

KSS 3480 - 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. **Prerequisites & Notes:** Previous background or permission of instructor. Credits: 3

KSS 3490 - Track and Field Coaching.
(2-2-3) S. Fundamentals of track and field events. Organization of track meets. Study of rules and strategy. **Prerequisites & Notes:** Previous background or permission of instructor. Credits: 3

KSS 3500 - 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. **Prerequisites & Notes:** Permission of the instructor. Credits: 2

KSS 3550 - Wrestling Coaching.
(2-2-3) S. Fundamentals of wrestling including offense techniques, defense techniques, coaching philosophy, training and conditioning guidelines, practice organization, rules and strategy. **Prerequisites & Notes:** Previous background or permission of the instructor. Credits: 3

KSS 3600 - Introduction to Elementary School Physical Education.
(0-4-2) F, S. Physical education as it relates to the total education of the elementary school child with emphasis on the developmental approach. Credits: 2

KSS 3641 - 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. **Prerequisites & Notes:** KSS 3600. Credits: 1

KSS 3700 - 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. Credits: 2

KSS 3720 - 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. **Prerequisites & Notes:** A grade of C or better in KSS 2850. Preference given to Kinesiology & Sports Studies Majors. Credits: 2

KSS 3770 - 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. **Prerequisites & Notes:** Previous experience or permission of instructor. Credits: 2

KSS 3800 - Biomechanics of Human Movement.
(3-0-3) F, S. The study of forces and how they effect movement of the human body particularly during physical activity. **Prerequisites & Notes:** Admission to the Kinesiology & Sports Studies major; Grade of "C" or better in BIO 2001G, KSS 1500, and KSS 2440. Course may not be repeated. Credits: 3

KSS 3900 - Microcomputers in Kinesiology and Sports Studies.
(3-0-3) F, S. This course is designed to orient students to the various kinds of software and hardware being used in the kinesiology and sports studies occupations. History, hardware and software selection specific to kinesiology and sports studies, software evaluation, fitness data management, and word processing will be included in the course content. **Prerequisites & Notes:** No minimum programming level requirements; this is not a programming course. Credit will not be given for both HST 3199 and KSS 3900. Grade of "C" or better in BIO 2001G, KSS 1500, and KSS 2440. Credits: 3

KSS 4275 - 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. May be repeated once; the maximum credit which may be earned is nine semester hours. **Prerequisites & Notes:** Admission to Kinesiology & Sports Studies major; Completion of all coursework to complete Kinesiology & Sports Studies degree; permission of B.S. Advisor and Chairperson. Credits: 3 or 6

KSS 4320 - 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. WI **Prerequisites & Notes:** Grade of 'C' or better in KSS 1500. Restricted to Kinesiology & Sports Studies teacher certification majors and minors. Credits: 3

KSS 4325 - 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 & Notes:** Grade of "C" or better in BIO 2001G, KSS 1500, and KSS 2440. Preference is given to students in the concentrations of Exercise Science and Sport Management in Kinesiology & Sports Studies. WI Credits: 3

KSS 4326 - Psychosocial Aspects of Sport and Physical Activity.
(3-0-3) On Demand. Psychosocial Aspects of Sport. This course will analyze current trends in sport and physical activity organizations from a psychological and sociological perspective. Topics will be addressed from each perspective and emphasis will be placed on understanding issues from both an individual as well as an organizational perspective. **Prerequisites & Notes:** KSS 4325. The course is restricted to Sport Management majors in the Kinesiology and Sports Studies Department. Credits: 3

KSS 4327 - Ethics in Sports.
(3-0-3) This course offers an introduction to ethics within the sporting context. The values promoted within sport will be examined along with common ethical dilemmas faced by those involved in sport. The course will cover issues ranging from fair play to sportsmanship to Title IX and drug use for performance enhancement. **Prerequisites & Notes:** KSS 4325. The prerequisite course may not be taken concurrently with KSS 4327. Course restricted to Kinesiology and Sports Studies majors and may not be repeated. Credits: 3

KSS 4328 - Governance in Sport.
(3-0-3) F, S. Examination of governance in the sport industry at the international, professional, collegiate, and amateur levels, including analysis of organizational structure, authority and functions, policy development, membership requirements, sanctions and appeal processes, and the influence of governmental bodies and sports commissions on sport governing bodies. **Prerequisites & Notes:** KSS 4325. The prerequisite course may not be taken concurrently with KSS 4328. Course restricted to Kinesiology and Sports Studies majors and may not be repeated. Credits: 3

KSS 4340 - Principles of Exercise Physiology.
(3-0-3) F, S. The course is designed to provide the prospective physical educator and paramedical personnel with an understanding of the physiological factors which affect human performance. **Prerequisites & Notes:** Grade of "C" or better in BIO 2001G, KSS 1500, and KSS 2440; or permission of Department Chair. Credits: 3

KSS 4440 - Physical Fitness Appraisal and Performance Assessment.
(2-2-3) F, S. 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. **Prerequisites & Notes:** Grade of "C" or better in BIO 2001G, KSS 1500, KSS 2440, and KSS 4340. Credits: 3

KSS 4450 - Exercise Prescription for General and Special Populations.
(2-2-3) On Demand. The application of exercise science principles to the design and implementation of exercise programs for general and special populations. **Prerequisites & Notes:** Grade of "C" or better in BIO 2001G, KSS 1500, KSS 2440, KSS 4340, and KSS 4440. Fee. Credits: 3

KSS 4460 - 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 & Notes:** Grade of "C" or better in BIO 2001G, KSS 1500, KSS 2440, KSS 4340, and KSS 4440. Credits: 3

KSS 4470 - Measurement and Evaluation in Physical Education.
(3-0-3) F, S. Selection and administration of physical measurements and written tests commonly used in physical education. Credits: 3

KSS 4500 - Research and Statistics in Kinesiology and Sports Studies.
(3-0-3) F, S. This course provides majors within the Department of Kinesiology and Sports Studies an introduction to the practical aspects of research and statistics in but not limited to: athletic training, physical education, exercise science and sport management. This course contains advanced content and it is only intended for students currently majoring in the Department of Kinesiology and Sports Studies. **Prerequisites & Notes:** KSS 3900 or permission of the Department Chair. Course may not be repeated. Credits: 3

KSS 4741 - Independent Study.
(Arr.-Arr.-1-3) As arranged. Note: May be repeated once; the maximum amount of credit which may be earned is six semester hours. **Prerequisites & Notes:** Junior status and Permission of Department Chairperson. Credits: 1 to 3

KSS 4760 - Sport Law.
(3-0-3) F, 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. **Prerequisites & Notes:** Grade of "C" or better in BIO 2001G, KSS 1500, and KSS 2440; or permission of the department chair. Credits: 3

KSS 4761 - Sport Management and Administration.
(3-0-3) F, S. Concepts, administrative processes, systems and styles with theoretical application to leadership in various sport and fitness environments. **Prerequisites & Notes:** Grade of "C" or better in BIO 2001G, KSS 1500, and KSS 2440; or permission of the department chair. Credits: 3

KSS 4762 - Publicity in Sports.
(3-0-3) F, S. Applications and protocol of sports publicity strategies. **Prerequisites & Notes:** Grade of "C" or better in BIO 2001G, KSS 1500, and KSS 2440; or permission of the department chair. Credits: 3

KSS 4880 - Theory of Motor Behavior.
(3-0-3) Su. On Demand. A study of the factors influencing human movement and skill learning. Emphasis will be placed upon theories and concepts relating to motor skill performance. The course is restricted to majors in the Kinesiology and Sports Studies Department. Credits: 3

KSS 4900 - Special Topics in Kinesiology and Sports Studies.
(1-0-1) F, S. 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. **Prerequisites & Notes:** Grade of "C" or better in BIO 2001G, KSS 2440, and 4340; or permission of the Department Chair. Credits: 1

KSS 4900A - Special Topics: Sports Events Management.
(1-0-1) F, S. Study of special topics and contemporary issues and trends in Exercise Physiology and Sport Management. May be repeated with different topics for up to three undergraduate and/or three graduate credits with permission of advisor or Department Chairperson. **Prerequisites & Notes:** Grade of C or better in BIO 2001G, KSS 2440, and 4340; or permission of the Department Chair. Credits: 1

KSS 4900B - Special Topics: Psychology of Injuries.
(1-0-1) F, S. Study of special topics and contemporary issues and trends in Exercise Physiology and Sport Management. May be repeated with different topics for up to three undergraduate and/or three graduate credits with permission of advisor or Department Chairperson. **Prerequisites & Notes:** Grade of C or better in BIO 2001G, KSS 2440, and 4340; or permission of the Department Chair. Credits: 1

KSS 4900D - Special Topics: Pediatrics/Exercise Physiology.
(1-0-1) F, S. Study of special topics and contemporary issues and trends in Exercise Physiology and Sport Management. May be repeated with different topics for up to three undergraduate and/or three graduate credits with permission of advisor or Department Chairperson. **Prerequisites & Notes:** Grade of C or better in BIO 2001G, KSS 2440, and 4340; or permission of the Department Chair. Credits: 1

KSS 4900E - Special Topics: Exercise in Extreme Conditions.
(1-0-1) F, S. A study of the responses to the human body during acute and chronic exercise in extreme conditions e.g. high altitude, hot weather, cold weather, etc. May be repeated with different topics for up to three undergraduate and/or three graduate credits with permission of advisor or Department Chairperson. **Prerequisites & Notes:** Grade of C or better in BIO 2001G, KSS 2440, and 4340; or permission of the Department Chair. Credits: 1

KSS 4900F - Special Topics: Effects of Cardiopulmonary Medications on the Exercise Response.
(1-0-1) F, S. Study of special topics and contemporary issues and trends in Exercise Physiology and Sport Management. May be repeated with different topics for up to three undergraduate and/or three graduate credits with permission of advisor or Department Chairperson. **Prerequisites & Notes:** Grade of C or better in BIO 2001G, KSS 2440, and 4340; or permission of the Department Chair. Credits: 1

KSS 4900H - Special Topics: Pulmonary/Exercise Physiology.
(1-0-1) F, S. Study of special topics and contemporary issues and trends in Exercise Physiology and Sport Management. May be repeated with different topics for up to three undergraduate and/or three graduate credits with permission of advisor or Department Chairperson. **Prerequisites & Notes:** Grade of C or better in BIO 2001G, KSS 2440, and 4340; or permission of the Department Chair. Credits: 1

KSS 4900I - Special Topics: Fundraising in Sport.
(1-0-1) F, S. Study of special topics and contemporary issues and trends in Exercise Physiology and Sport Management. May be repeated with different topics for up to three undergraduate and/or three graduate credits with permission of advisor or Department Chairperson. **Prerequisites & Notes:** Grade of C or better in BIO 2001G, KSS 2440, and 4340; or permission of the Department Chair. Credits: 1

KSS 4900J - Special Topics: EKG/Exercise Physiology
(1-0-1) F, S. Study of special topics and contemporary issues and trends in Exercise Physiology and Sport Management. May be repeated with different topics for up to three undergraduate and/or three graduate credits with permission of advisor or Department Chairperson. **Prerequisites & Notes:** Grade of C or better in BIO 2001G, KSS 2440, and 4340; or permission of the Department Chair. Credits: 1

KSS 4900K - Special Topics: Clinical Exercise Physiology.
(1-0-1) F, S. Study of special topics and contemporary issues and trends in Exercise Physiology and Sport Management. May be repeated with different topics for up to three undergraduate and/or three graduate credits with permission of advisor or Department Chairperson. **Prerequisites & Notes:** Grade of C or better in BIO 2001G, KSS 2440, and 4340; or permission of the Department Chair. Credits: 1

KSS 4900L - Special Topics: Ethics in Sport & Exercise Industry.
(1-0-1) F, S. Study of special topics and contemporary issues and trends in Exercise Physiology and Sport Management. May be repeated with different topics for up to three undergraduate and/or

three graduate credits with permission of advisor or Department Chairperson. **Prerequisites & Notes:** Grade of C or better in BIO 2001G, KSS 2440, and 4340; or permission of the Department Chair. Credits: 1

KSS 4900M - Special Topics: Nutrition/Exercise Physiology.
(1-0-1) F, S. Study of special topics and contemporary issues and trends in Exercise Physiology and Sport Management. May be repeated with different topics for up to three undergraduate and/or three graduate credits with permission of advisor or Department Chairperson. **Prerequisites & Notes:** Grade of C or better in BIO 2001G, KSS 2440, and 4340; or permission of the Department Chair. Credits: 1

KSS 4900P - Special Topics: Pharmacology/Exercise Physiology.
(1-0-1) F, S. The study of drugs and their origin, nature, properties, and effects on living organisms as related to athletic training. Study of special topics and contemporary issues and trends in Exercise Physiology and Sport Management. Three different special topics classes may be taken for up to three undergraduate and/or three graduate credits with permission of KSS advisor or Department Chairperson. **Prerequisites & Notes:** Grade of "C" or better in BIO 2001G, KSS 2440, and 4340; or permission of the Department Chairperson. Credits: 1

KSS 4900R - Special Topics: Resistance Exercise
(1-0-1) F, S. This course covers special topics on resistance exercise with the overall objective of creating a greater understanding of the theory and practical application behind such exercise. Special topics include: systematic physiological responses and adaptations, ergogenic aids, program design, current research findings, addressing muscle imbalances and injury prevention, and resistance exercise prescription for special populations such as children, elderly, and pregnant women. **Prerequisites & Notes:** Grade of "C" or better in BIO 2001G, KSS 2440, and 4340; or permission of the Department Chairperson. Credits: 1

KSS 4980 - 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 & Notes:** Coaching course of the particular sport or permission of Department Chair. Credits: 1

KSS 4980A - Advanced Coaching Distance Running.
(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 & Notes:** Coaching course of the particular sport or permission of Department Chair. Credits: 1

KSS 4980B - Advanced Coaching Football.
(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 & Notes:** Coaching course of the particular sport or permission of Department Chair. Credits: 1

KSS 4980T - Advanced Coaching of Track & Field.
(1-0-1) Su. This course covers basic and advanced coaching techniques applied to the various events associated with interscholastic track and field. Both field and running events are highlighted, analyzed and critiqued. Speed, power and endurance training methods are addressed as they apply to the various events in track and field. Meet and practice organization and management are highlighted and discussed. Periodized season long training methods for the various events are covered as are general safety issues unique to track and field events. The course also includes sessions of hand-on training and practice in several of the discussed technical events. **Prerequisites & Notes:** Coaching course of the particular sport or permission of Department Chair. Credits: 1

LATIN AMERICAN STUDIES (LAS)

LAS 4400 - 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. **Prerequisites & Notes:** Enrollment in the Latin American Studies minor; consent of supervising faculty member and permission of the Chairperson of the Latin American Studies Committee. Credits: 3

MANAGEMENT (MGT)

MGT 3450 - 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. **Prerequisites & Notes:** 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. Credits: 3

MGT 3470 - Commercial Law.
(3-0-3) F, S. A survey of law of sales, commercial paper, secured transactions, debtor-creditor law, and bankruptcy. **Prerequisites & Notes:** BUS 2750, junior standing, and admission to the School of Business or permission of the Associate Chair. Credits: 3

MGT 3480 - Law of Business Organizations.
(3-0-3) On Demand. A survey of the law of agency, partnerships, corporations, insurance, real estate and estates. **Prerequisites & Notes:** BUS 2750, junior standing, and admission to the School of Business or permission of the Associate Chair. Credits: 3

MGT 3800 - 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. **Prerequisites & Notes:** 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. Credits: 3

MGT 3830 - 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. WC **Prerequisites & Notes:** Junior standing and admission to the School of Business or permission of the Associate Chair. Credits: 3

MGT 3900 - 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 & Notes:** BUS 2750, BUS 3010 and admission to the School of Business. Credits: 3

MGT 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Course may be repeated once, with permission of the School of Business Associate Chair, as topics change. **Prerequisites & Notes:** Admission to the School of Business. Additional prerequisites to be determined by the topic(s) to be covered. Credits: 1 to 15

MGT 4275 - Internship in Management.
(Arr.-Arr. -1-15) (Credit/No Credit) Monitored work or service experience requiring development and application of management knowledge and skills. Course may be repeated once. **Prerequisites & Notes:** Admission to the School of Business, BUS 3010, and approval of Internship Learning Agreement by the School of Business Associate Chair. Credits: 1 to 15

MGT 4275A - Internship in Management I.
(Arr.-Arr.-1-15) (Credit/No Credit) Monitored work or service experience requiring development and application of management knowledge and skills. Course may be repeated once. **Prerequisites & Notes:** Admission to the School of Business, BUS 3010, and approval of Internship Learning Agreement by the School of Business Associate Chair.

MGT 4310 - Organizational Behavior.
(3-0-3) F, S. A study of concepts and theories relating to the behavior of individuals and groups in organizations. **Prerequisites & Notes:** BUS 3010 and admission to the School of Business or permission of the Associate Chair. Credits: 3

MGT 4330 - 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. **Prerequisites & Notes:** BUS 2750 and junior standing. Credits: 3

MGT 4340 - 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 & Notes:** BUS 3010, BUS 3950, and admission to the School of Business or permission of the Chair. Credits: 3

MGT 4370 - Compensation Management.
(3-0-3) F. A comprehensive analysis of the compensation management processes and practices in organizations. **Prerequisites & Notes:** BUS 3010, MGT 3450, MGT 3900, and admission to the School of Business or permission of the Chair, School of Business. Credits: 3

MGT 4500 - 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 & Notes:** MGT 3450 and MGT 3900 and admission to the School of Business or permission of the Chair. Credits: 3

MGT 4550 - 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. **Prerequisites & Notes:** MGT 3450 and admission to the School of Business or permission of the Associate Chair. Credits: 3

MGT 4600 - International Business Policy and Operation.
(3-0-3) On Demand. Contemporary theories and practices in management of international business firms. WI **Prerequisites & Notes:** Junior standing, BUS 3200 or ECN 3860 or permission of the instructor, and admission to the School of Business or permission of the Associate Chair. Credits: 3

MGT 4650 - 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 & Notes:** MGT 3450, MGT 3830, MGT 4310, and senior standing. Course is limited to senior management majors. Credits: 3

MGT 4700 - 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. Course may be repeated once, with permission of the School of Business Associate Chair, as topics change. **Prerequisites & Notes:** BUS 3010, admission to the School of Business or permission of the School of Business Associate Chair. Specific additional prerequisites will depend on the topic. Credits: 3

MGT 4740 - Independent Study
(Arr.-Arr.-1-6) Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Course may be repeated once. **Prerequisites & Notes:** 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 School of Business Associate Chair, prior to registration. Credits: 1 to 6

MGT 4800 - 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 AET 4800. **Prerequisites & Notes:** Senior standing and admission to the School of Business or permission of the Associate Chair. Credits: 3

MGT 4850 - 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 & Notes:** BUS 3010, BUS 3500, BUS 3950, and admission to the School of Business or permission of the chair. Credits: 3

MGT 4950 - 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. Course may be repeated once. **Prerequisites & Notes:** Senior or graduate standing in the School of Business and admission to the School of Business or the permission of the School of Business Associate Chair. Credits: 3

MANAGEMENT INFORMATION SYSTEMS (MIS)

MIS 2000 - Information Systems Careers and Logic Skills.
(3-0-3) F, S. An introduction to career paths 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. **Prerequisites & Notes:** BUS 1950 or equivalent. Course may not be repeated. Credits: 3

MIS 3200 - Networking Fundamentals.
(3-0-3) F, S. Study of business telecommunications, teleprocessing, and computer networks. Installing, configuring and administering local area networks. **Prerequisites & Notes:** 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. Credits: 3

MIS 3300 - 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. **Prerequisites & Notes:** 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. Credits: 3

MIS 3330 - 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 & Notes:** 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. Credits: 3

MIS 3355 - 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. **Prerequisites & Notes:** MIS 3300 and admission to the School of Business or permission of the Associate Chair, School of Business. Credits: 3

MIS 3505 - 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. **Prerequisites & Notes:** 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. Credits: 3

MIS 3515 - 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 & Notes:** 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. Credits: 3

MIS 3530 - 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 & Notes:** 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. Credits: 3

MIS 3725 - 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. **Prerequisites & Notes:** MIS 3000, MIS 3200, and admission to the School of Business or permission of the Associate Chair, School of Business. Credits: 3

MIS 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Course may be repeated once, with permission of the School of Business Associate Chair, as topics change. **Prerequisites & Notes:** Admission to the School of Business. Additional prerequisites to be determined by the topic(s) to be covered. Credits: 1 to 15

MIS 4200 - Systems and Database Analysis, Design, and Development.
(3-0-3) 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 & Notes:** MIS 2000; BUS 3500; and admission to the School of Business or to a minor offered by the School of Business. Credits: 3

MIS 4275 - Internship in Management Information Systems.
(Arr.-Arr.-1-15) (Credit/No Credit) Monitored work or service experience requiring development and application of computer information systems knowledge and skills. Course may be repeated once. **Prerequisites & Notes:** Admission to the School of Business, MIS 3000, and approval of Internship Learning Agreement by School of Business Associate Chair. Credits: 1 to 15

MIS 4275A - Internship in Management Information Systems I.
(Arr.-Arr.-1-15) (Credit/No Credit) Monitored work or service experience requiring development and application of computer information systems knowledge and skills. Course may be repeated once. **Prerequisites & Notes:** Admission to the School of Business, MIS 3000, and approval of Internship Learning Agreement by School of Business Associate Chair. Credits: 1 to 15

MIS 4300 - 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. **Prerequisites & Notes:** MIS 3300, junior standing, or permission of chair. Credits: 3

MIS 4330 - 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 & Notes:** 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. Credits: 3

MIS 4530 - 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 & Notes:** MIS 2000, MIS 3530, and BUS 3500. Credits: 3

MIS 4600 - Special Topics in Management Information Systems.
(Arr.-Arr.-1-3) On Demand. Current research and practices in Management Information Systems. Topics to be announced. . Course may be repeated once, with permission of the School of Business Associate Chair, as topics change. **Prerequisites & Notes:** Admission to the School of Business or permission of the School of Business Associate Chair. Specific prerequisites will depend on the topic. Credits: 1 to 3

MIS 4700 - 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 & Notes:** 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. Credits: 3

MIS 4740 - Independent Study.
(Arr.-Arr.-1-6) Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Course may be repeated once. **Prerequisites & Notes:** 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 School of Business Associate Chair prior to registration. Credits: 1 to 6

MIS 4850 - 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 & Notes:** 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. Credits: 3

MARKETING (MAR)

MAR 3490 - Business-to-Business Marketing.
(3-0-3) On Demand. Development of comprehensive programs of product, pricing, promotion, and distribution strategies for marketing to businesses and not-for profit organizations. **Prerequisites & Notes:** BUS 3470, and admission to School of Business or permission of the Associate Chair. Credits: 3

MAR 3550 - 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. WI **Prerequisites & Notes:** 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. Credits: 3

MAR 3720 - 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. **Prerequisites & Notes:** 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. Credits: 3

MAR 3780 - 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 & Notes:** BUS 3470 and admission to the School of Business or to a minor offered by the School of Business or to the Advertising Minor or permission of the Associate Chair. Credits: 3

MAR 3860 - 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 & Notes:** BUS 2810, BUS 3470, and admission to the School of Business or to the Advertising Minor or permission of the Associate Chair. Credits: 3

MAR 3875 - Retail Management.
(3-0-3) F, S. 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. **Prerequisites & Notes:** 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. Credits: 3

MAR 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970.Course may be repeated once, with permission of the School of Business Associate Chair, as topics change. **Prerequisites & Notes:** Prerequisites & Notes: Admission to the School of Business. Additional prerequisites to be determined by the topic(s) to be covered. Credits: 1 to 15

MAR 4100 - Special Topics in Marketing.
(3-0-3) On Demand. Special topics in marketing. Topics to be announced. . Course may be repeated once, with permission of the School of Business Associate Chair, as topics change. WI **Prerequisites & Notes:** BUS 3470, admission to the School of Business or permission of the School of Business Associate Chair. Specific additional prerequisites will depend on the topic. Credits: 3

MAR 4275 - Internship in Marketing
(Arr.-Arr.-1-15) (Credit/No Credit) Monitored work or service experience requiring development and application of marketing knowledge and skills. Course may be repeated once. **Prerequisites & Notes:** Admission to the School of Business, BUS 3470, and approval of Internship Learning Agreement by School of Business Associate Chair. Credits: 1 to 15

MAR 4275A - Internship in Marketing I.
(Arr.-Arr. -1-15) (Credit/No Credit) Monitored work or service experience requiring development and application of marketing knowledge and skills. Course may be repeated once. **Prerequisites & Notes:** Admission to the School of Business, BUS 3470, and approval of Internship Learning Agreement by School of Business Associate Chair. Credits: 1 to 15

MAR 4400 - 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 & Notes:** Completion of BUS 3470. Admission to the School of Business or permission of the Chair of the School of Business. Course may not be repeated. Credits: 3

MAR 4470 - 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. **Prerequisites & Notes:** BUS 3470 and admission to the School of Business or permission of the Associate Chair. Credits: 3

MAR 4480 - 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. **Prerequisites & Notes:** MAR 4470 and admission to the School of Business or permission of the Associate Chair. Credits: 3

MAR 4490 - International Marketing.
(3-0-3) F, S. Study of marketing from the international perspective. Emphasis is placed on necessary modifications of marketing strategy and practice related to global pricing and distribution, product planning, and promotions due to cultural, economic, environmental and legal differences. **Prerequisites & Notes:** 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. Credits: 3

MAR 4700 - 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. **Prerequisites & Notes:** BUS 3470, MAR 3550, MAR 3720, MAR 3860, senior standing, and admission to the School of Business or permission of the Associate Chair. Credits: 3

MAR 4740 - Independent Study
(Arr.-Arr.-1-6) Intensive investigation of a topic under the supervision of an instructor. Enrollment is by application. Course may be repeated once. **Prerequisites & Notes:** 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 School of Business Associate Chair, prior to registration. Credits: 1 to 6

MATHEMATICS & COMPUTER SCIENCE (MAT)

MAT 1020 - 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 under-prepared 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. Credits: 1

MAT 1070 - 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. Credits: 1

MAT 1160G - 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. M1 904 **Prerequisites & Notes:** ENG 1001G. This course may not be taken by students with a high school mathematics deficiency that has not been removed. This course should not be considered as preparatory for other courses in mathematics. Credits: 3

MAT 1170G - 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. WI **Prerequisites & Notes:** ENG 1001G. This course may not be taken by students with a high school mathematics deficiency that has not been removed. This course should not be considered as preparatory for other courses in mathematics. Credits: 3

MAT 1270 - 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) **Prerequisites & Notes:** Satisfactory placement by department guidelines. Credits: 2

MAT 1271 - 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.) **Prerequisites & Notes:** Satisfactory placement by department guidelines. Credits: 3

MAT 1310 - College Trigonometry.
(2-0-2) F. Basic concepts of right triangle trigonometry with applications. Not open to math majors or students who have completed or are enrolled in MAT 1330. **Prerequisites & Notes:** (Completion of or concurrent enrollment in MAT 1271 or MAT 1400) or (placement by department guidelines). Credits: 2

MAT 1330 - Analytical Trigonometry.
(2-0-2) F, S. Analytical approach to trigonometry, its properties and applications. (Recommended as preparation for MAT 1441G.) **Prerequisites & Notes:** MAT 1271 or MAT 1400 or placement by department guidelines. Credits: 2

MAT 1340 - Analytic Geometry.
(3-0-3) S. Coordinate systems, conic sections, polar and parametric forms. **Prerequisites & Notes:** MAT 1310 or MAT 1330 or demonstrated competence in trigonometry. Credits: 3

MAT 1400 - 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.) **Prerequisites & Notes:** C or better in MAT 1271 or placement by department guidelines. Credits: 3

MAT 1420 - Mathematics for Elementary Teachers I.
(3-0-3) F, S. Development of mathematical proficiency through mathematical reasoning and problem solving. The study of algebraic concepts, whole numbers, integers, rational numbers, irrational numbers and the real number system. Open only to early childhood, elementary, middle level, or special education majors. **Prerequisites & Notes:** Placement by ACT Mathematics score. Credits: 3

MAT 1441G - 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. M1 900; EGR 901; MTH 901 **Prerequisites & Notes:** Placement by department guidelines, or C or better in both MAT 1330 and MAT 1400. Credits: 5

MAT 2110G - 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. M1 900 **Prerequisites & Notes:** MAT 1271 with a C or better, or satisfactory placement by department guidelines. Credits: 3

MAT 2120G - Finite Mathematics.
(3-0-3) F, S. Elementary counting theory, probability, and linear programming, with applications to business and social science. M1 906 **Prerequisites & Notes:** MAT 1271 with a C or better, or satisfactory placement by department guidelines. Credits: 3

MAT 2170 - 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++. EGR 922; CS 911; MTH 922 **Prerequisites & Notes:** Credit for or concurrent enrollment in MAT 1441G or MAT 2110G. Credits: 4

MAT 2190G - Finite Mathematics, Honors.
(3-0-3) On Demand. Elementary counting theory, probability, and linear programming, with applications to business and social science. M1 906 **Prerequisites & Notes:** MAT 1271 with a C or better, or satisfactory placement by department guidelines, and admission to the University Honors College. Credits: 3

MAT 2250G - 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. M1 902; M1 906 **Prerequisites & Notes:** MAT 1271; or satisfactory placement by department guidelines. Credits: 4

MAT 2270 - 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. **Prerequisites & Notes:** MAT 2170. Credits: 3

MAT 2290G - 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. M1 902 **Prerequisites & Notes:** MAT 1271 or satisfactory placement by department guidelines, and admission to the University Honors College. Credits: 4

MAT 2345 - 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. M1 905; CS 915 **Prerequisites & Notes:** MAT 1441G or permission of the instructor. Credits: 3

MAT 2420G - Mathematics for Elementary Teachers II.
(3-0-3) F, S. Study of geometric relationships, probability, and statistics using a problem solving approach. Topics include geometry, measurement, probability, and working with data. Open only to early childhood, elementary, middle level, or special education majors. M1 903 **Prerequisites & Notes:** MAT 1420, with grade of C or better. This course may not be taken by students with a high school mathematics deficiency that has not been removed. Credits: 3

MAT 2442 - 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. M1 900; EGR 902; MTH 902 **Prerequisites & Notes:** C or better in MAT 1441G. Credits: 5

MAT 2443 - 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. M1 900; EGR 903; MTH 903 **Prerequisites & Notes:** C or better in MAT 2442. Credits: 4

MAT 2550 - Introduction to Linear Algebra.
(3-0-3) F, S. The study of linear algebra and its applications. **Prerequisites & Notes:** MAT 1441G. Credits: 3

MAT 2670 - Computer Science II.
(3-2-4) F. Intermediate programming techniques with emphasis on object oriented design, recursion as a problem solving strategy, event-driven programming, graphical user interface design, and software engineering principles. All programming will be done in an object-oriented programming language (such as Java, C++, or Python). CS 912 **Prerequisites & Notes:** "C" or better in MAT 2170. Credits: 4

MAT 2800 - 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. **Prerequisites & Notes:** C or better in MAT 2442. Credits: 3

MAT 3271 - College Geometry I.
(3-0-3) F, S. The study of geometry including a review of elementary geometry. Euclidean and transformation geometries. **Prerequisites & Notes:** C or better in MAT 2800. Credits: 3

MAT 3272 - College Geometry II.
(3-0-3) S. The study of selected topics in advanced Euclidean geometry, non-Euclidean, projective and inversion geometries. **Prerequisites & Notes:** C or better in MAT 3271. Credits: 3

MAT 3400 - 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. **Prerequisites & Notes:** (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)). Credits: 4

MAT 3420 - 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. **Prerequisites & Notes:** MAT 1420 with a C or better, and MAT 2420G with a C or better. Credits: 2

MAT 3501 - 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. EGR 904; MTH 912 **Prerequisites & Notes:** C or better in MAT 2442. Credits: 3

MAT 3502 - Differential Equations II.
(3-0-3) S. Systems of differential equations, series solutions, approximations to solutions, Laplace transformations, partial differential equations, boundary value problems. **Prerequisites & Notes:** MAT 2443 and 3501. Credits: 3

MAT 3530 - Abstract Algebra.
(4-0-4) F, S. An introduction to abstract algebra including: operations and relations, mappings, groups, rings, and fields. **Prerequisites & Notes:** MAT 2550 and C or better in MAT 2800. Credits: 4

MAT 3570 - Numerical Analysis.
(3-0-3) S. Construction of algorithms for interpolation, quadrature, solution of equations and systems, solutions of ordinary differential equations. **Prerequisites & Notes:** MAT 2170 and MAT 2443 and MAT 2550. Credits: 3

MAT 3620 - 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. **Prerequisites & Notes:** MAT 1271 or placement by ACT Mathematics score; and MAT 1420 and 2420G, all with a C or better. Credits: 3

MAT 3670 - 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. **Prerequisites & Notes:** MAT 2170 or MIS 3300. Credits: 3

MAT 3701 - Probability and Statistics I.
(3-0-3) F, S. Basic concepts of probability and statistics. **Prerequisites & Notes:** MAT 2443. Credits: 3

MAT 3702 - Probability and Statistics II.
(3-0-3) F, S. Basic concepts of probability and statistics. **Prerequisites & Notes:** C or better in MAT 3701. Credits: 3

MAT 3770 - 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. **Prerequisites & Notes:** MAT 2345 or permission of instructor. Credits: 3

MAT 3800 - 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. **Prerequisites & Notes:** Permission of instructor. Credits: 2

MAT 3870 - 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 & Notes:** MAT 2345 and MAT 2670 or permission of instructor. Credits: 3

MAT 42751 - Internship in Mathematics and Computer Science I.
(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. May be repeated once. **Prerequisites & Notes:** 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. Credits: 10 to 15

MAT 42752 - Internship in Mathematics and Computer Science II.
(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. May be repeated once. **Prerequisites & Notes:** 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. Credits: 10 to 15

MAT 4335 - Topics in Mathematics.
(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. **Prerequisites & Notes:** Permission of the instructor. Credits: 3

MAT 4345 - Topics in Applied Mathematics.
(3-0-3) On Demand. Selected topics in applied mathematics. Topics may vary depending on student and faculty interests. May be repeated for credit, with change of topic, for a maximum of six credits. **Prerequisites & Notes:** Permission of the instructor. Credits: 3

MAT 4370 - Topics in Computer Science.
(3-0-3) On Demand. Selected topics in advanced computer science. Topics may vary depending on student and faculty interests. May be repeated for credit, with change of topic, for a maximum of six credits. **Prerequisites & Notes:** Permission of the instructor. Credits: 3

MAT 44441 - Independent Study, Honors I.
(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 45551, 45552), but by no means restricted to this purpose. May be repeated once for a maximum of six semester hours in MAT 44441, 44442 with the permission of the Department Chair and the Departmental Honors Coordinator. Note: A maximum of three semester hours may be applied toward the major. Up to three additional hours in MAT 44441, 44442 may be applied toward graduation. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 1 to 3

MAT 44442 - Independent Study, Honors II.
(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 45551, 45552), but by no means restricted to this purpose. May be repeated once for a maximum of six semester hours in MAT 44441, 44442 with the permission of the Department Chair and the Departmental Honors Coordinator. Note: A maximum of three semester hours may be applied toward the major. Up to three additional hours in MAT 44441, 44442 may be applied toward graduation. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 1 to 3

MAT 44901 - Independent Study I.
Arr.-Arr.-1-3) On Demand. Intensive individual study on a topic by the student under the supervision of the instructor. May be repeated once for a maximum of six semester hours in MAT 4490, 4491. Note: A maximum of three semester hours credit in MAT 44901, 44902 may be applied to the major. Three additional hours in MAT 44901, 44902 may be applied towards graduation. **Prerequisites & Notes:** Permission of departmental chairperson and instructor. Credits: 1 to 3

MAT 44902 - Independent Study II.
(Arr.-Arr.-1-3) On Demand. Intensive individual study on a topic by the student under the supervision of the instructor. May be repeated once for a maximum of six semester hours in MAT 4490, 4491. Note: A maximum of three semester hours credit in MAT 44901, 44902 may be applied to the major. Three additional hours in MAT 44901, 44902 may be applied towards graduation. **Prerequisites & Notes:** Permission of departmental chairperson and instructor. Credits: 1 to 3

MAT 44951 - Undergraduate Research Experience in Mathematics I.
(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 once for a maximum of 6 semester hours in MAT 44951, 44952. **Prerequisites & Notes:** Senior standing and permission of faculty member and department chairperson. Limited to Mathematics majors and Mathematics and Computer Science majors. Credits: 3

MAT 44952 - Undergraduate Research Experience in Mathematics II.
(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 once for a maximum of 6 semester hours in MAT 44951, 44952. **Prerequisites & Notes:** Senior standing and permission of faculty member and department chairperson. Limited to Mathematics majors and Mathematics and Computer Science majors. Credits: 3

MAT 45551 - Honors Research I.
(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. May be repeated once with Department Chair approval. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 1 to 3

MAT 45552 - Honors Research II.
(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. May be repeated once with Department Chair approval. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 1 to 3

MAT 4644 - 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 45551 or 45552, is recommended. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

MAT 4666 - Honors Seminar.
(2 to 4-0-2 to 4) On Demand. Seminar on a selected area of mathematics. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 2 to 4

MAT 4750 - 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. **Prerequisites & Notes:** MAT 2442 and (MAT 2550 or 4760). Credits: 3

MAT 4760 - Linear Algebra.
(4-0-4) F. Vector spaces, linear transformations, dual spaces, invariant direct sum decompositions, Jordan form, inner product spaces. **Prerequisites & Notes:** MAT 2550 and 3530. Credits: 4

MAT 4780 - Mathematics of Interest.
(3-0-3) S. Compound and simple interest, annuities, amortization and sinking funds, bonds, and other topics related to insurance. **Prerequisites & Notes:** MAT 2443. Credits: 3

MAT 4800 - 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. **Prerequisites & Notes:** MAT 3400 or 3420 or 3620 or permission of the instructor. Credits: 2

MAT 4810A - Topics in Geometry for Elementary and Middle Level.
(Arr.-Arr.-1-4) F, S. Topics from geometry useful in elementary, middle level, and/or junior high school. May not be repeated. A maximum of 12 semester hours in MAT 4810A-4810J may be counted toward a degree program. **Prerequisites & Notes:** 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. Credits: 1 to 4

MAT 4810B - Topics in the History of Mathematics for Elementary and Middle Level.
(Arr.-Arr.-1-4) F, S. Topics from the history of mathematics useful in elementary, middle level, and/or junior high school such as. May not be repeated. A maximum of twelve semester hours credit in MAT 4810A-4810J may be counted toward a degree program. **Prerequisites & Notes:** 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. Credits: 1 to 4

MAT 4810D - Topics in Probability for Elementary and Middle Level.
(Arr.-Arr.-1-4) F, S. Topics from probability useful in elementary, middle level, and/or junior high school such as. May not be repeated. A maximum of twelve semester hours credit in MAT 4810A-4810J may be counted toward a degree program. Credit will not be granted for both MAT 2250G and MAT 4810D. **Prerequisites & Notes:** 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. Credits: 1 to 4

MAT 4810E - Topics in Statistics for Elementary and Middle Level.
(Arr.-Arr.-1-4) F, S. Topics from statistics useful in elementary, middle level, and/or junior high school such as. May not be repeated. A maximum of twelve semester hours credit in MAT 4810A-4810J may be counted toward a degree program. Credit will not be granted for both MAT 2250G and MAT 4810E. **Prerequisites & Notes:** 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. Credits: 1 to 4

MAT 4810F - Topics in Number Theory for Elementary and Middle Level.
(Arr.-Arr.-1-4) F, S. Topics from number theory useful in elementary, middle level, and/or junior high school such as. May not be repeated. A maximum of twelve semester hours credit in MAT 4810A-4810J may be counted toward a degree program. **Prerequisites & Notes:** 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. Credits: 1 to 4

MAT 4810H - Topics in Computer Science for Elementary and Middle Level.
(Arr.-Arr.-1-4) F, S. Topics from computer science useful in elementary, middle level, and/or junior high school such as. May not be repeated. A maximum of twelve semester hours credit in MAT 4810A-4810J may be counted toward a degree program. **Prerequisites & Notes:** 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. Credits: 1 to 4

MAT 4810I - Topics in Elementary and Middle Level Mathematics.
(Arr.-Arr.-1-4) F, S. Topics from mathematics useful in elementary, middle level, and/or junior high school. This course may be repeated once for credit. A maximum of twelve semester hours credit in MAT 4810A-4810J may be counted toward a degree program. **Prerequisites & Notes:** 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. Credits: 1 to 4

MAT 4810J - Topics in Elementary and Middle Level Mathematics.
(Arr.-Arr.-1-4) F, S. Topics from mathematics useful in elementary, middle level, and/or junior high school. This course may be repeated once for credit. A maximum of twelve semester hours credit in MAT 4810A-4810J may be counted toward a degree program. **Prerequisites & Notes:** 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. Credits: 1 to 4

MAT 4830 - 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. **Prerequisites & Notes:** MAT 2443. Credits: 3

MAT 4855 - 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. **Prerequisites & Notes:** MAT 3530 or permission of instructor. Credits: 3

MAT 4860 - Mathematical Analysis.
(4-0-4) S. A study of limits, convergence of sequences and series, continuity, differentiation, and Riemann integration. **Prerequisites & Notes:** MAT 3530 and C or better in MAT 2443. Credits: 4

MAT 4880 - 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. **Prerequisites & Notes:** MAT 3870 or permission of instructor. Credits: 3

MAT 4885 - 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. **Prerequisites & Notes:** MAT 2670 and MAT 2345, or permission of instructor. Credits: 3

MAT 4900 - 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. **Prerequisites & Notes:** MAT 2800. Credits: 3

MAT 4910 - Number Theory.
(3-0-3) Su. Divisibility, primes, congruences, solution of congruences, power residues, quadratic reciprocity, numerical functions, diophantine equations. **Prerequisites & Notes:** MAT 3530. Credits: 3

MAT 4920 - Concepts of Algebra for Elementary and Middle Level Teachers.
(3-0-3) F, S. The investigation of the conceptual foundation of algebra relevant to elementary and middle level teaching. Algebraic reasoning, generalization of mathematical patterns, models for real world phenomena, representations of algebraic ideas, and algebraic tools for mathematical problem solving. **Prerequisites & Notes:** MAT 1420 and MAT 2420G, both with a grade of C or better. Credits: 3

MAT 4970 - 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. **Prerequisites & Notes:** MAT 3670 or permission of the instructor. Credits: 3

MEDIEVAL STUDIES (MDVL)

MDVL 2000G - Introduction to Medieval Studies.
(3-0-3) On Demand. Introduction to the disciplines and discipline-specific practices that comprise Medieval Studies. WI Credits: 3

MIDDLE LEVEL EDUCATION (MLE)

MLE 3110 - 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 & Notes:** 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. Credits: 3

MLE 3150 - 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 & Notes:** 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. Credits: 3

MLE 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Credits: 1 to 15

MLE 40001 - Practicum in Middle School Curriculum & 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 & Notes:** 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. Credits: 1

MLE 40002 - Practicum in Middle School Curriculum & 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 & Notes:** 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. Credits: 1

MLE 4280 - 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. **Prerequisites & Notes:** 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. Credits: 3

MLE 4760 - Student Social-Emotional Development in the Middle Grades.
(3-0-3) F, S. Instruction and planning in exploratory and teacher-based advisor-advisee programs. **Prerequisites & Notes:** 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. Credits: 3

MLE 47411 - Independent Study.
(Arr.-Arr.-1) May be repeated once, for no more than six semester hours of Independent Study credit. **Prerequisites & Notes:** Permission of the department chairperson. Credits: 1

MLE 47412 - Independent Study.
(Arr.-Arr.-2) May be repeated once, for no more than six semester hours of Independent Study credit. **Prerequisites & Notes:** Permission of the department chairperson. Credits: 2

MLE 47413 - Independent Study.
(Arr.-Arr.-3) May be repeated once, for no more than six semester hours of Independent Study credit. **Prerequisites & Notes:** Permission of the department chairperson. Credits: 3

MLE 47811 - Topics in Junior High/Middle School Education.
(Arr-Arr-1) 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.). May be repeated once with a maximum of six semester hours from any combination of the Topics in Junior High/Middle School Education courses. **Prerequisites & Notes:** ELE 2000; ELE 2320; MLE 3110; or permission of department chairperson. Credits: 1

MLE 47812 - Topics in Junior High/Middle School Education.
(Arr-Arr-2) 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.). May be repeated once with a maximum of six semester hours from any combination of the Topics in Junior High/Middle School Education courses. **Prerequisites & Notes:** ELE 2000; ELE 2320; MLE 3110; or permission of department chairperson. Credits: 2

MLE 47813 - Topics in Junior High/Middle School Education.
(Arr-Arr-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.). May be repeated once with a maximum of six semester hours from any combination of the Topics in Junior High/Middle School Education courses. **Prerequisites & Notes:** ELE 2000; ELE 2320; MLE 3110; or permission of department chairperson. Credits: 3

MILITARY SCIENCE (MLS)

MSC 1001 - Leadership and Personal Development.
(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 markmanship; Army rank structure; stress management; and nutrition. Learn fundamental concepts of leadership in a profession in both classroom and outdoor laboratory environments. (KSS 1000A or 1000B or 1000D or 1000E) and a weekend exercise are highly encouraged and required for ROTC Scholarship students. Credits: 1

MSC 1002 - 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. **Prerequisites & Notes:** MSC 1001 or permission of the Department Chair. Credits: 1

MSC 2001 - 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. **Prerequisites & Notes:** MSC 1002 or permission of the Department Chair. Credits: 2

MSC 2002 - 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. **Prerequisites & Notes:** MSC 2001 or permission of the Department Chair. Credits: 2

MSC 2003 - 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. **Prerequisites & Notes:** Completed application and permission of the Department Chair. Credits: 1 to 6

MSC 3001 - 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. **Prerequisites & Notes:** MSC 2003, or MSC 2002, or prior military service, or permission of the Department Chair. Credits: 3

MSC 3002 - 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. **Prerequisites & Notes:** MSC 3001 or permission of the Department Chair. Credits: 4

MSC 3003 - 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. **Prerequisites & Notes:** MSC 3002 and permission of Department Chair. Credits: 6

MSC 4001 - 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. **Prerequisites & Notes:** MSC 3003 or permission of the Department Chair. Credits: 3

MSC 4002 - 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. **Prerequisites & Notes:** MSC 4001 or permission of the Department Chair. Credits: 3

MSC 4100 - 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. **Prerequisites & Notes:** MSC 3002 or permission of the Department Chair. Credits: 1

MSC 4400 - 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. May be repeated once to a maximum of four semester hours in independent studies courses. **Prerequisites & Notes:** MSC 4002 or permission of the Department Chair. Credits: 1 to 3

MSC 4400A - Independent Study in Military Science I.
Arr.-Arr.-1-3) Intensive individual study on a topic selected by the student and approved by the department chair. May be repeated once to a maximum of four semester hours in independent studies courses. **Prerequisites & Notes:** MSC 4002 or permission of the Department Chair. Credits: 1 to 3

MSC 4400B - Independent Study in Military Science II.
(Arr.-Arr.-1-3) Intensive individual study on a topic selected by the student and approved by the department chair. May be repeated once to a maximum of four semester hours in independent studies courses. **Prerequisites & Notes:** MSC 4002 or permission of the Department Chair. Credits: 1 to 3

MUSIC (MUS)

MUS 0010A - Introductory Voice I.
(Arr.-Arr.-1) F, S. Level one 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0010B - Introductory Voice II.
(Arr.-Arr.-1) F, S. Level two 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0020A - Introductory Flute I.
(Arr.-Arr.-1) F, S. Level one 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0020B - Introductory Flute II.
(Arr.-Arr.-1) F, S. Level two 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0021A - Introductory Oboe I.
(Arr.-Arr.-1) F, S. Level one 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0021B - Introductory Oboe II.
(Arr.-Arr.-1) F, S. Level two 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0022A - Introductory Clarinet I.
(Arr.-Arr.-1) F, S. Level one 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0022B - Introductory Clarinet II.
(Arr.-Arr.-1) F, S. Level two 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0023A - Introductory Bassoon I.
(Arr.-Arr.-1) F, S. Level one 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0023B - Introductory Bassoon II.
(Arr.-Arr.-1) F, S. Level two 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0024A - Introductory Saxophone I.
(Arr.-Arr.-1) F, S. Level one 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor Credits: 1

MUS 0024B - Introductory Saxophone II.
(Arr.-Arr.-1) F, S. Level two 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0030A - Introductory Trumpet I.
(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. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0030B - Introductory Trumpet II.
(Arr.-Arr.-1) F, S. Level two 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0031A - Introductory Horn I.
(Arr.-Arr.-1) F, S. Level one 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0031B - Introductory Horn II.
(Arr.-Arr.-1) F, S. Level two 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0032A - Introductory Trombone I.
(Arr.-Arr.-1) F, S. Level one 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0032B - Introductory Trombone II.
(Arr.-Arr.-1) F, S. Level two 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0033A - Introductory Euphonium I.
(Arr.-Arr.-1) F, S. Level one 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0033B - Introductory Euphonium II.
(Arr.-Arr.-1) F, S. Level two 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0034A - Introductory Tuba I.
(Arr.-Arr.-1) F, S. Level one 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0034B - Introductory Tuba II.
(Arr.-Arr.-1) F, S. Level two 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0040A - Introductory Percussion I.
(Arr.-Arr.-1) F, S. Level one 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0040B - Introductory Percussion II.
(Arr.-Arr.-1) F, S. Level two 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0050A - Introductory Violin I.
(Arr.-Arr.-1) F, S. Level one 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0050B - Introductory Violin II.
(Arr.-Arr.-1) F, S. Level two 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0051A - Introductory Viola I.
(Arr.-Arr.-1) F, S. Level one 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0051B - Introductory Viola II.
(Arr.-Arr.-1) F, S. Level two 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0052A - Introductory Violoncello I.
(Arr.-Arr.-1) F, S. Level one 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0052B - Introductory Violoncello II.
(Arr.-Arr.-1) F, S. Level two 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0053A - Introductory Double Bass I.
(Arr.-Arr.-1) F, S. Level one 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0053B - Introductory Double Bass II.
(Arr.-Arr.-1) F, S. Level two 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0054A - Introductory Guitar I.
(Arr.-Arr.-1) F, S. Level one 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 once for credit. **Prerequisites & Notes:** Auditions are required for initial placement in this course. Credits: 1

MUS 0054B - Introductory Guitar II.
(Arr.-Arr.-1) F, S. Level two 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0060A - Introductory Piano I.
(Arr.-Arr.-1) F, S. Level one 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0060B - Introductory Piano II.
(Arr.-Arr.-1) F, S. Level two 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0061A - Introductory Organ I.
(Arr.-Arr.-1) F, S. Level one 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0061B - Introductory Organ II.
(Arr.-Arr.-1) F, S. Level two 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0063A - Introductory Jazz I.
(Arr.-Arr.-1) F, S. Level one 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0063B - Introductory Jazz II.
(Arr.-Arr.-1) F, S. Level two 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 once for credit. **Prerequisites & Notes:** All students who wish to enroll in applied study must audition and demonstrate beginning-level music reading skills. Permission of instructor. Credits: 1

MUS 0200A - Wind Symphony I.
(0-4-1) F, S. Level one study in music performance in a select ensemble designed for in-depth study of major literature for winds and percussion. Open to all university students who qualify through audition. May be repeated once for credit. Credits: 1

MUS 0200B - Wind Symphony II.
(0-4-1) F, S. Level two study in music performance in a select ensemble designed for in-depth study of major literature for winds and percussion. Open to all university students who qualify through audition. May be repeated once for credit. Credits: 1

MUS 0200D - Wind Symphony III.
(0-4-1) F, S. Level three study in music performance in a select ensemble designed for in-depth study of major literature for winds and percussion. Open to all university students who qualify through audition. May be repeated once for credit. Credits: 1

MUS 0200E - Wind Symphony IV.
(0-4-1) F, S. Level four study in music performance in a select ensemble designed for in-depth study of major literature for winds and percussion. Open to all university students who qualify through audition. May be repeated once for credit. Credits: 1

MUS 0201A - Concert Band I.
(0-4-1) F, S. Level one study in a performance ensemble designed for in-depth study of all types of standard band literature. Open to all university students. May be repeated once for credit. Credits: 1

MUS 0201B - Concert Band II.
(0-4-1) F, S. Level two study in a performance ensemble designed for in-depth study of all types of standard band literature. Open to all university students. May be repeated once for credit. Credits: 1

MUS 0201D - Concert Band III.
(0-4-1) F, S. Level three study in a performance ensemble designed for in-depth study of all types of standard band literature. Open to all university students. May be repeated once for credit. Credits: 1

MUS 0201E - Concert Band IV.
(0-4-1) F, S. Level four study in a performance ensemble designed for in-depth study of all types of standard band literature. Open to all university students. May be repeated once for credit. Credits: 1

MUS 0202A - Panther Marching Band I.
(0-6-1) F. Level one music performance. 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. May be repeated once for credit. Credits: 1

MUS 0202B - Panther Marching Band II.
(0-6-1) F. Level two music performance. 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. May be repeated once for credit. Credits: 1

MUS 0203A - Eastern Symphonic Band I.
(0-2-1) F, S. Level one music performance in a non-auditioned ensemble for students and community members who wish to continue in music performance. The ESB also provides music majors a large ensemble experience on a secondary instrument. The ensemble performs varied literature and presents at least one concert per semester. Open to music majors and non-music majors. May be repeated once for credit. **Prerequisites & Notes:** Previous instrumental experience. Credits: 1

MUS 0203B - Eastern Symphonic Band II.
(0-2-1) F, S. Level two music performance in a non-auditioned ensemble for students and community members who wish to continue in music performance. The ESB also provides music majors a large ensemble experience on a secondary instrument. The ensemble performs varied literature and presents at least one concert per semester. Open to music majors and non-music majors. May be repeated once for credit. **Prerequisites & Notes:** Previous instrumental experience. Credits: 1

MUS 0203D - Eastern Symphonic Band III.
(0-2-1) F, S. Level three music performance in a non-auditioned ensemble for students and community members who wish to continue in music performance. The ESB also provides music majors a large ensemble experience on a secondary instrument. The ensemble performs varied literature and presents at least one concert per semester. Open to music majors and non-music majors. May be repeated once for credit. **Prerequisites & Notes:** Previous instrumental experience. Credits: 1

MUS 0203E - Eastern Symphonic Band IV.
(0-2-1) F, S. Level four music performance in a non-auditioned ensemble for students and community members who wish to continue in music performance. The ESB also provides music majors a large ensemble experience on a secondary instrument. The ensemble performs varied literature and presents at least one concert per semester. Open to music majors and non-music majors. May be repeated once for credit. **Prerequisites & Notes:** Previous instrumental experience. Credits: 1

MUS 0204A - Chamber Music, Winds I.
(Arr.-Arr.-1) F, S. Level one study and performance of chamber music involving wind instruments. May be repeated once for credit. **Prerequisites & Notes:** Permission of instructor. Credits: 1

MUS 0204B - Chamber Music, Winds II.
(Arr.-Arr.-1) F, S. Level two study and performance of chamber music involving wind instruments. May be repeated once for credit. **Prerequisites & Notes:** Permission of instructor. Credits: 1

MUS 0204D - Chamber Music, Winds III.
(Arr.-Arr.-1) F, S. Level three study and performance of chamber music involving wind instruments. May be repeated once for credit. **Prerequisites & Notes:** Permission of instructor. Credits: 1

MUS 0204E - Chamber Music, Winds IV.
(Arr.-Arr.-1) F, S. Level four study and performance of chamber music involving wind instruments. May be repeated once for credit. **Prerequisites & Notes:** Permission of instructor. Credits: 1

MUS 0205 - Flute Choir.
(0-2-1) F, S. Choir performs transcribed and original works on and off campus throughout the semester. Open to any flutist. **Prerequisites & Notes:** Permission of instructor. Credits: 1

MUS 0207A - Saxophone Quartet I.
(Arr.-Arr.-1) Level one music performance. 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. May be repeated once for credit. Credits: 1

MUS 0207B - Saxophone Quartet II.
(Arr.-Arr.-1) Level two music performance. 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. May be repeated once for credit. Credits: 1

MUS 0207D - Saxophone Quartet III.
(Arr.-Arr.-1) Level three music performance. 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. May be repeated once for credit. Credits: 1

MUS 0207E - Saxophone Quartet IV.
(Arr.-Arr.-1) Level four music performance. 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. May be repeated once for credit. Credits: 1

MUS 0211A - Orchestra I.
(0-4-1) F, S. Level one music performance. Students study, rehearse, and perform core symphonic repertoire from all style periods. May be repeated once for credit. Credits: 1

MUS 0211B - Orchestra II.
(0-4-1) F, S. Level two music performance. Students study, rehearse, and perform core symphonic repertoire from all style periods. May be repeated once for credit. Credits: 1

MUS 0211D - Orchestra III.
(0-4-1) F, S. Level three music performance. Students study, rehearse, and perform core symphonic repertoire from all style periods. May be repeated once for credit. Credits: 1

MUS 0211E - Orchestra IV.
(0-4-1) F, S. Level four music performance. Students study, rehearse, and perform core symphonic repertoire from all style periods. May be repeated once for credit. Credits: 1

MUS 0215A - Chamber Music, Strings I.
(Arr.-Arr.-1) F, S. Level one study and performance of chamber music involving string instruments. May be repeated once for credit. **Prerequisites & Notes:** Permission of instructor. Credits: 1

MUS 0215B - Chamber Music, Strings II.
(Arr.-Arr.-1) F, S. Level two study and performance of chamber music involving string instruments. May be repeated once for credit. **Prerequisites & Notes:** Permission of instructor. Credits: 1

MUS 0215D - Chamber Music, Strings III.
(Arr.-Arr.-1) F, S. Level three study and performance of chamber music involving string instruments. May be repeated once for credit. **Prerequisites & Notes:** Permission of instructor. Credits: 1

MUS 0215E - Chamber Music, Strings IV.
(Arr.-Arr.-1) F, S. Level four study and performance of chamber music involving string instruments. May be repeated once for credit. **Prerequisites & Notes:** Permission of instructor. Credits: 1

MUS 0220A - Jazz Ensemble I.
(0-4-1) F, S. Level one music performance. 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. May be repeated once for credit. Credits: 1

MUS 0220B - Jazz Ensemble II.
(0-4-1) F, S. Level two music performance. . 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. May be repeated once for credit. Credits: 1

MUS 0220D - Jazz Ensemble III.
(0-4-1) F, S. Level three music performance. . 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. May be repeated once for credit. Credits: 1

MUS 0220E - Jazz Ensemble IV.
(0-4-1) F, S. Level four music performance. . 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. May be repeated once for credit. Credits: 1

MUS 0221A - Jazz Lab Band I.
(0-2-1) F, S. Level one music performance in an ensemble that 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. May be repeated once for credit. Credits: 1

MUS 0221B - Jazz Lab Band II.
(0-2-1) F, S. Level two music performance in an ensemble that 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. May be repeated once for credit. Credits: 1

MUS 0221D - Jazz Lab Band III.
(0-2-1) F, S. Level three music performance in an ensemble that 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. May be repeated once for credit. Credits: 1

MUS 0221E - Jazz Lab Band IV.
(0-2-1) F, S. Level four music performance in an ensemble that 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. May be repeated once for credit. Credits: 1

MUS 0222A - Jazz Combo I.
(Arr.-Arr.-1) Level one music performance in a Jazz Combo where four to six musicians perform and study the standard repertoire of the jazz idiom and develop improvisational skills. Upper-class students see MUS 3622A. May be repeated once for credit. Credits: 1

MUS 0222B - Jazz Combo II.
Level two music performance in a Jazz Combo of four to six musicians perform and study the standard repertoire of the jazz idiom and develop improvisational skills. Upperclass students see MUS 3622B. May be repeated once for credit. Credits: 1

MUS 0224 - 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. **Prerequisites & Notes:** Participation in an EIU jazz ensemble. Credits: Audit only

MUS 0230A - Concert Choir I.
(0-3-1) F, S. Level one music performance in an auditioned, select choir of 45 voices that performs a wide variety of short and medium-length choral compositions by significant composers. May be repeated once for credit. Credits: 1

MUS 0230B - Concert Choir II.
(0-3-1) F, S. Level two music performance in an auditioned, select choir of 45 voices that performs a wide variety of short and medium-length choral compositions by significant composers. May be repeated once for credit. Credits: 1

MUS 0230D - Concert Choir III.
(0-3-1) F, S. Level three music performance in an auditioned, select choir of 45 voices that performs a wide variety of short and medium-length choral compositions by significant composers. May be repeated once for credit. Credits: 1

MUS 0230E - Concert Choir IV.
(0-3-1) F, S. Level four music performance in an auditioned, select choir of 45 voices that performs a wide variety of short and medium-length choral compositions by significant composers. May be repeated once for credit. Credits: 1

MUS 0231A - University Mixed Chorus I.
(0-4-1) F, S. Level one music performance in an ensemble of mixed voices that studies and performs choral literature of various styles. Open to all university students interested in singing. May be repeated once for credit. Credits: 1

MUS 0231B - University Mixed Chorus II.
(0-4-1) F, S. Level two music performance in an ensemble of mixed voices that studies and performs choral literature of various styles. Open to all university students interested in singing. May be repeated once for credit. Credits: 1

MUS 0231D - University Mixed Chorus III.
(0-4-1) F, S. Level three music performance in an ensemble of mixed voices that studies and performs choral literature of various styles. Open to all university students interested in singing. May be repeated once for credit. Credits: 1

MUS 0231E - University Mixed Chorus IV.
(0-4-1) F, S. Level four music performance in an ensemble of mixed voices that studies and performs choral literature of various styles. Open to all university students interested in singing. May be repeated once for credit. Credits: 1

MUS 0233A - Camerata I.
(0-2-1) Level one music performance in a select choral ensemble that performs madrigals and other choral literature appropriate for a chamber choir. May be repeated once for credit. **Prerequisites & Notes:** Audition or permission of the instructor. Credits: 1

MUS 0233B - Camerata II.
(0-2-1) Level two music performance in a select choral ensemble that performs madrigals and other choral literature appropriate for a

chamber choir. May be repeated once for credit. **Prerequisites & Notes:** Audition or permission of the instructor. Credits: 1

MUS 0233D - Camerata III.
(0-2-1) Level three music performance in a select choral ensemble that performs madrigals and other choral literature appropriate for a chamber choir. May be repeated once for credit. **Prerequisites & Notes:** Audition or permission of the instructor. Credits: 1

MUS 0233E - Camerata IV.
(0-2-1) Level four music performance in a select choral ensemble that performs madrigals and other choral literature appropriate for a chamber choir. May be repeated once for credit. **Prerequisites & Notes:** Audition or permission of the instructor. Credits: 1

MUS 0240A - Percussion Ensemble I.
(0-3-1) F, S. Level one music performance in a percussion ensemble. The study and performance of percussion literature from 1930 to the present. May be repeated once for credit. **Prerequisites & Notes:** Permission of the instructor. Credits: 1

MUS 0240B - Percussion Ensemble II.
(0-3-1) F, S. The study and performance of percussion literature from 1930 to the present. May be repeated once for credit. **Prerequisites & Notes:** Permission of the instructor. Credits: 1

MUS 0240D - Percussion Ensemble III.
(0-3-1) F, S. The study and performance of percussion literature from 1930 to the present. May be repeated once for credit. **Prerequisites & Notes:** Permission of the instructor. Credits: 1

MUS 0240E - Percussion Ensemble IV.
(0-3-1) F, S. The study and performance of percussion literature from 1930 to the present. May be repeated once for credit. **Prerequisites & Notes:** Permission of the instructor. Credits: 1

MUS 0242A - Latin Percussion Ensemble I.
(0-5-1) F, S. Level one music performance in an ensemble devoted to the study of techniques and performance of Latin and Pop music on Latin American instruments. May be repeated once for credit. **Prerequisites & Notes:** Permission of the instructor. Credits: 1

MUS 0242B - Latin Percussion Ensemble II.
(0-5-1) F, S. Level two music performance in an ensemble devoted to the study of techniques and performance of Latin and Pop music on Latin American instruments. May be repeated once for credit. **Prerequisites & Notes:** Permission of the instructor. Credits: 1

MUS 0242D - Latin Percussion Ensemble III.
(0-5-1) F, S. Level three music performance in an ensemble devoted to the study of techniques and performance of Latin and Pop music on Latin American instruments. May be repeated once for credit. **Prerequisites & Notes:** Permission of the instructor. Credits: 1

MUS 0242E - Latin Percussion Ensemble IV.
(0-5-1) F, S. Level four music performance in an ensemble devoted to the study of techniques and performance of Latin and Pop music on Latin American instruments. May be repeated once for credit. **Prerequisites & Notes:** Permission of the instructor. Credits: 1

MUS 0260 - Keyboard Chamber Music.
(Arr.-Arr.-1) The study and performance of ensemble literature that involves at least one keyboard instrument and performer. May be repeated once for credit. Credits: 1

MUS 0541 - Music Theory Rudiments.
(3-0-3) F. Development of fundamental musical knowledge and skills, including the notation, identification, and aural recognition of pitch, rhythm and meter, major and minor scales, keys, intervals, triads and seventh chords, and musical terms. Preparation for MUS 1541 **Music Theory I** and MUS 1543 **Aural Training I**. Credits: 3

MUS 1070 - 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 & Notes:** MUS 1541. Credits: 2

MUS 1103 - Recital.
(1-0-0) F, S. Experiencing music through live performances. Credits: Audit only

MUS 1110A - Intermediate Voice I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1110B - Intermediate Voice II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1120A - Intermediate Flute I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1120B - Intermediate Flute II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1121A - Intermediate Oboe I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1121B - Intermediate Oboe II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1122A - Intermediate Clarinet I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1122B - Intermediate Clarinet II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1123A - Intermediate Bassoon I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1123B - Intermediate Bassoon II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1124A - Intermediate Saxophone I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1124B - Intermediate Saxophone II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1130A - Intermediate Trumpet I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1130B - Intermediate Trumpet II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1131A - Intermediate Horn I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1131B - Intermediate Horn II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1132A - Intermediate Trombone I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1132B - Intermediate Trombone II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1133A - Intermediate Euphonium I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1133B - Intermediate Euphonium II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1134A - Intermediate Tuba I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1134B - Intermediate Tuba II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1136 - 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. Credits: 1

MUS 1140A - Intermediate Percussion I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1140B - Intermediate Percussion II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1150A - Intermediate Violin I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1150B - Intermediate Violin II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and

demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1151A - Intermediate Viola I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1151B - Intermediate Viola II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1152A - Intermediate Violincello I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1152B - Intermediate Violincello II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1153A - Intermediate Double Bass I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1153B - Intermediate Double Bass II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1154A - Intermediate Guitar I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1154B - Intermediate Guitar II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1160A - Intermediate Piano I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1160B - Intermediate Piano II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1161A - Intermediate Organ I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1161B - Intermediate Organ II.
(Arr.-Arr.-1,-2, or -4) F, S. Level two intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1163A - Intermediate Jazz I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1163B - Intermediate Jazz II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 1300 - Instrumental Methods Lab.
(0-2-1) F, S. The course will focus on teaching experience in a beginning/middle school level band setting. Students will gain significant playing time on secondary instruments and will become familiar with materials, literature, conducting techniques, and teaching strategies appropriate for beginning wind players. Students will also complete two hours of clinical observation. This course is restricted to Music majors in the teacher certification option. Co-requisites: MUS 1308 or MUS 1309. Course may be repeated to a maximum of 2 hours or 2 times. Credits: 1

MUS 1308 - 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. Credits: 1

MUS 1309 - 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. Credits: 1

MUS 1310 - 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. Credits: 1

MUS 1311 - 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. Credits: 1

MUS 1530 - 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. **Prerequisites & Notes:** MUS 1541, 1543 or competence. Open to all students. Required of all students in the Jazz Studies Option. Credits: 1

MUS 1541 - 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. Credits: 3

MUS 1542 - 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. **Prerequisites & Notes:** MUS 1541. Credits: 3

MUS 1543 - 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. Credits: 1

MUS 1544 - 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. **Prerequisites & Notes:** MUS 1543. Credits: 1

MUS 1560 - Introduction to Music Composition.
(2-0-2) F. The composition seminar will explore trends, philosophies, and methods associated with music composition practices. The class will focus on hands-on composing experience in a broad range of styles and aesthetics while incorporating a variety of listening and reading assignments. Other topics will include music organization, notation, and media types. **Prerequisites & Notes:** MUS 1542 or permission of instructor. Course restricted to Music majors or minors. Credits: 2

MUS 1570A - Intermediate Composition I.
(Arr.-Arr.-1, -2, or -4) F. Level one intermediate study in music composition on a one-to-one basis with an instructor. May be repeated once for credit. **Prerequisites & Notes:** All students must demonstrate an aptitude for composing music and will be asked to provide examples of original compositions. Credits: 1,2, or 4

MUS 1570B - Intermediate Composition II.
(Arr.-Arr.-1, -2, or -4) F. Level two intermediate study in music composition on a one-to-one basis with an instructor. May be repeated once for credit. **Prerequisites & Notes:** All students must demonstrate an aptitude for composing music and will be asked to provide examples of original compositions. Credits: 1, 2, or 4

MUS 2070 - 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. Credits: 2

MUS 2071 - Music Technology II: Audio and Recording Techniques.
(3-2-3) F. Introduction to the processes, tools and techniques of audio engineering, with an emphasis on music recording. Students will learn from lectures, demonstrations, reading and research, hands-on projects, assisting with recordings and live sound, and field trips. **Prerequisites & Notes:** MUS 1070. Credits: 3

MUS 2100 - Non-Degree Recital.
(Arr.-Arr.-0) Demonstrating musical abilities through live performance. The recital length will vary. Credits: Audit only

MUS 2101 - Sophomore Recital: Performance Option.
(Arr.-Arr.-0) Demonstrating musical abilities through live performance. The recital will be 15 minutes long. Credits: Audit only

MUS 2141 - Vocal Diction I.
(1-1-1) F. The study of vocal diction of English and Italian song literature. **Prerequisites & Notes:** Two semesters of Applied Voice or equivalent. Credits: 1

MUS 2142 - Vocal Diction II.
(1-1-1) S. The study of vocal diction of German and French song literature. **Prerequisites & Notes:** MUS 2141. Credits: 1

MUS 2155 - 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. **Prerequisites & Notes:** Completion of MUS 1541 and MUS 1542 with a "C" or better. Credits: 2

MUS 2203 - Functional Skills in Piano.
(0-2-1) F, S. A course for music majors and minors. **Prerequisites & Notes:** MUS 1541, 1542, or placement by audition during enrollment. Credits: 1

MUS 2204 - Functional Skills in Piano.
(0-2-1) F, S. A course for music majors and minors. **Prerequisites & Notes:** MUS 2203 or placement by audition during enrollment. Credits: 1

MUS 2205 - 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. **Prerequisites & Notes:** MUS 1542 or permission of the instructor. Credits: 1

MUS 2206 - Keyboard Skills II.
(0-2-1) S. Continuation of MUS 2205. **Prerequisites & Notes:** MUS 2205 or permission of the instructor. Credits: 1

MUS 2210A - Intermediate Voice III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2210B - Intermediate Voice IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four intermediate study in music performance on a one-to-one basis with a studio instructor. May be once repeated for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2220A - Intermediate Flute III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2220B - Intermediate Flute IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four intermediate study in music performance on a one-to-one basis with a studio instructor. May be once repeated for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2221A - Intermediate Oboe III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2221B - Intermediate Oboe IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four intermediate study in music performance on a one-to-one basis with a studio instructor. May be once repeated for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2222A - Intermediate Clarinet III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2222B - Intermediate Clarinet IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four intermediate study in music performance on a one-to-one basis with a studio instructor. May be once repeated for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2223A - Intermediate Bassoon III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2223B - Intermediate Bassoon IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four intermediate study in music performance on a one-to-one basis with a studio instructor. May be once repeated for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2224A - Intermediate Saxophone III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2224B - Introductory Saxophone IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four intermediate study in music performance on a one-to-one basis with a studio instructor. May be once repeated for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2230A - Intermediate Trumpet III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2230B - Intermediate Trumpet IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four intermediate study in music performance on a one-to-one basis with a studio instructor. May be once repeated for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2231A - Intermediate Horn III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2231B - Intermediate Horn IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four intermediate study in music performance on a one-to-one basis with a studio instructor. May be once repeated for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2232A - Intermediate Trombone III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2232B - Intermediate Trombone IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four intermediate study in music performance on a one-to-one basis with a studio instructor. May be once repeated for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2233A - Intermediate Euphonium III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2233B - Intermediate Euphonium IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four intermediate study in music performance on a one-to-one basis with a studio instructor. May be once repeated for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2234A - Intermediate Tuba III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2234B - Intermediate Tuba IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four intermediate study in music performance on a one-to-one basis with a studio instructor. May be once repeated for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2240A - Intermediate Percussion III
(Arr.-Arr.-1, -2, or -4) F, S. Level three intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2240B - Intermediate Percussion IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four intermediate study in music performance on a one-to-one basis with a studio instructor. May be once repeated for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2250A - Intermediate Violin III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2250B - Intermediate Viola IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four intermediate study in music performance on a one-to-one basis with a studio instructor. May be once repeated for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2251A - Intermediate Viola III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2251B - Intermediate Viola IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four intermediate study in music performance on a one-to-one basis with a studio instructor. May be once repeated for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2252A - Intermediate Violincello III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2252B - Intermediate Violincello IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four intermediate study in music performance on a one-to-one basis with a studio instructor. May be once repeated for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2253A - Intermediate Double Bass III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2253B - Intermediate Double Bass IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four intermediate study in music performance on a one-to-one basis with a studio instructor. May be once repeated for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2254A - Intermediate Guitar III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2254B - Intermediate Guitar IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four intermediate study in music performance on a one-to-one basis with a studio instructor. May be once repeated for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2260A - Intermediate Piano III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2260B - Intermediate Piano IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four intermediate study in music performance on a one-to-one basis with a studio instructor. May be once repeated for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2261A - Intermediate Organ III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2261B - Intermediate Organ IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four intermediate study in music performance on a one-to-one basis with a studio instructor. May be once repeated for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2263A - Intermediate Jazz III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three intermediate study in music performance on a one-to-one basis with a studio instructor. May be repeated once for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2263B - Intermediate Jazz IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four intermediate study in music performance on a one-to-one basis with a studio instructor. May be once repeated for credit. **Prerequisites & Notes:** All students who wish to enroll in Intermediate Applied Study must audition and demonstrate intermediate-level music reading skills. Credits: 1, 2 or 4

MUS 2440 - 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 Credits: 1

MUS 2441 - 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. **Prerequisites & Notes:** Completion of MUS 2440 with a "C" or better. Credits: 1

MUS 2442 - 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. **Prerequisites & Notes:** Completion of MUS 2440 with a "C" or better. Credits: 2

MUS 2530 - 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. **Prerequisites & Notes:** MUS 1530 or competence. Required of all students in the jazz studies option. Credits: 1

MUS 2541 - 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. **Prerequisites & Notes:** MUS 1542. Credits: 3

MUS 2542 - 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. **Prerequisites & Notes:** MUS 2541. Credits: 3

MUS 2543 - Aural Training in Music.
(0-2-1) F, S. A continuation of the study of notational practice and the development of aural perception. **Prerequisites & Notes:** MUS 1544. Credits: 1

MUS 2544 - 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. **Prerequisites & Notes:** MUS 2543. Credits: 1

MUS 2555G - Interacting with Music.
(3-0-3) F, S. Understanding music for the general student -- listening, responding, and creating music in its cultural context. F1 900 **Prerequisites & Notes:** Open to Music majors for elective credit only. Credits: 3

MUS 2557G - The Evolution of Jazz and Rock.
(3-0-3) 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. Technology-Delivered sections of this course are restricted to off-campus students Credits: 3

MUS 2581 - 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. WI **Prerequisites & Notes:** MUS 1530, 1541, 1542, 1543, 1544 or permission of instructor. Open to music majors and minors only. Required for jazz studies option majors. Credits: 2

MUS 3100 - Junior Recital: Teacher Certification Option.
Demonstrating musical abilities through live performance. The recital will be 15 minutes long. Credits: Audit only

MUS 3101 - Junior Recital: Performance Option.
(Arr.-Arr.-0) Demonstrating musical abilities through live performance or a composition project. The recital will be 25 minutes long. Credits: Audit only

MUS 3102 - Junior Recital, Performance Option/Jazz Studies Concentration.
(Arr.-Arr.-0) Demonstrating musical abilities through live performance or a composition project. The recital will be 25 minutes long. Credits: Audit only

MUS 3120A - Music Theatre/Opera Workshop I.
(0-4-1 or 2) F, S. Level one 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 repeated once for credit. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 2

MUS 3120B - Music Theatre/Opera Workshop II.
(0-4-1 or 2) F, S. Level two 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 repeated once for credit. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 2

MUS 3120D - Music Theatre/Opera Workshop III.
(0-4-1 or 2) F, S. Level three 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 repeated once for credit. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 2

MUS 3120E - Music Theatre/Opera Workshop IV.
(0-4-1 or 2) F, S. Level four 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 repeated once for credit. **Prerequisites & Notes:** Permission of the instructor. Credits: 1 to 2

MUS 3155 - 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. **Prerequisites & Notes:** MUS 2155 or its equivalent. Credits: 1

MUS 3156 - 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. **Prerequisites & Notes:** MUS 2155 or its equivalent. Completion of MUS 1301, 1304, 1308, 1309 encouraged. Credits: 1

MUS 3310A - Advanced Voice I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3310B - Advanced Voice II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 3320A - Advanced Flute I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3320B - Advanced Flute II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3321A - Advanced Oboe I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3321B - Advanced Oboe II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3322A - Advanced Clarinet I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3322B - Advanced Clarinet II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3323A - Advanced Bassoon I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3323B - Advanced Bassoon II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3324A - Advanced Saxophone I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3324B - Advanced Saxophone II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3330A - Advanced Trumpet I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3330B - Advanced Trumpet II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3331A - Advanced Horn I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3331B - Advanced Horn II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3332A - Advanced Trombone I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3332B - Advanced Trombone II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3333A - Advanced Euphonium I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3333B - Advanced Euphonium II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3334A - Advanced Tuba I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3334B - Advanced Tuba II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3340A - Advanced Percussion I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3340B - Advanced Percussion II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3350A - Advanced Violin I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3350B - Advanced Violin II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3351A - Advanced Viola I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3351B - Advanced Viola II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3352A - Advanced Violoncello I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3352B - Advanced Violoncello II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3353A - Advanced Double Bass I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3353B - Advanced Double Bass II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3354A - Advanced Guitar I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542 and MUS 2544. All students who wish to enroll in advanced-level applied study must have achieved junior standing in music. Credits: 1, 2 or 4

MUS 3354B - Advanced Guitar II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542 and MUS 2544. All students who wish to enroll in advanced-level applied study must have achieved junior standing in music. Credits: 1, 2 or 4

MUS 3360A - Advanced Piano I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3360B - Advanced Piano II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3361A - Advanced Organ I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3361B - Advanced Organ II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3363A - Advanced Jazz I.
(Arr.-Arr.-1, -2, or -4) F, S. Level one advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3363B - Advanced Jazz II.
(Arr.-Arr.-1, -2, or -4) F, S. Level two advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** Intermediate Applied Study. Successful completion of the Advanced Study Jury. Credits: 1, 2 or 4

MUS 3400 - 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. WI **Prerequisites & Notes:** Admission to Teacher Education, "C" or better in MUS 2155, SED 3330 and EDP 3331. Completion of MUS 1301, 1304, 1308, 1309 encouraged. Credits: 4

MUS 3420 - Music in Elementary Schools.
(2-1-2) Contemporary methods and materials of teaching music as aesthetic education in preschool and in the elementary grades. **Prerequisites & Notes:** Open to elementary and special education majors only. Credits: 2

MUS 3440 - 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. **Prerequisites & Notes:** Admission to Teacher Education, "C" or better in MUS 2155, SED 3330 and EDP 3331. WI Credits: 4

MUS 3531 - 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. **Prerequisites & Notes:** MUS 2530 or permission of instructor. Credits: 1

MUS 3541 - 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). **Prerequisites & Notes:** MUS 2542 or permission of instructor. Credits: 3

MUS 3542 - 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). **Prerequisites & Notes:** MUS 2542 or permission of instructor. Credits: 3

MUS 3547 - Orchestration.
(2-0-2) F. Beginning practical experience in scoring for orchestra. **Prerequisites & Notes:** MUS 2541. Credits: 2

MUS 3550G - 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. Credits: 3

MUS 3553G - 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. Credits: 3

MUS 3562G - 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 Credits: 3

MUS 3570A - Advanced Composition I.
Arr.-Arr.-1, -2, or -4) F. Level one advanced study in music composition on a one-to-one basis with an instructor. May be repeated once for credit. **Prerequisites & Notes:** MUS 1570A. Achievement of Junior Standing. Credits: 1, 2, or 4

MUS 3570B - Advanced Composition II.
(Arr.-Arr.-1, -2, or -4) F. Level two advanced study in music composition on a one-to-one basis with an instructor. May be repeated once for credit. **Prerequisites & Notes:** MUS 1570B. Achievement of Junior Standing. Credits: 1, 2, or 4

MUS 3584 - 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. WI **Prerequisites & Notes:** MUS 2541 or permission of instructor. Credits: 3

MUS 3585 - 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. WI **Prerequisites & Notes:** MUS 2541 or permission of instructor. Credits: 3

MUS 3586 - History and Literature of Music III.
(3-0-3) F. History and literature of music of the Middle Ages and the Contemporary Period. WI **Prerequisites & Notes:** MUS 2542 or permission of instructor. Credits: 3

MUS 3591 - 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. WI **Prerequisites & Notes:** MUS 2541 and permission of instructor or MUS 2452, admission to the Departmental Honors Program. Credits: 3

MUS 3592G - 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. WI **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

MUS 3593G - 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. WI **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

MUS 3594 - 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. WI **Prerequisites & Notes:** MUS 2541 or permission of instructor and admission to Departmental Honors. Credits: 3

MUS 3595 - 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. WI **Prerequisites & Notes:** MUS 2541 or permission of instructor and admission to Departmental Honors. Credits: 3

MUS 3596 - History and Literature of Music III, Honors.
(3-0-3) F. History and literature of music of the Middle Ages and the Contemporary Period. WI **Prerequisites & Notes:** MUS 2542 or permission of instructor and admission to Departmental Honors. Credits: 3

MUS 3622A - Advanced Jazz Combo I.
(Arr.-Arr.-1) Level one advanced music performance 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. May be repeated once for credit. **Prerequisites & Notes:** Two semesters of jazz improvisation. Open to all students in the Jazz Studies Option and students who demonstrate competence in jazz performance. Credits: 1

MUS 3622B - Advanced Jazz Combo II.
(Arr.-Arr.-1) Level two advanced music performance 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. May be repeated once for credit. **Prerequisites & Notes:** Two semesters of jazz improvisation. Open to all students in the Jazz Studies Option and students who demonstrate competence in jazz performance. Credits: 1

MUS 3800 - 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. **Prerequisites & Notes:** 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. Credits: 1

MUS 3801 - 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. **Prerequisites & Notes:** MUS 3800 or competence. Open to all students. Required of all students in the Jazz Studies Option. Credits: 1

MUS 3860 - 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. **Prerequisites & Notes:** Music 3400 or permission of the instructor. Credits: 2

MUS 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Credits: 1 to 15

MUS 4100 - Senior Recital: Teacher Certification Option.
Demonstrating musical abilities through live performance. The recital will be 25 minutes long. Credits: Audit only

MUS 4101 - Senior Recital: Performance Option
(Arr.-Arr.-0) Demonstrating musical abilities through live performance or a composition project. The recital will be 50 minutes long. Credits: Audit only

MUS 4410A - Advanced Voice III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4410B - Advanced Voice IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4420A - Advanced Flute III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4420B - Advanced Flute IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4421A - Advanced Oboe III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4421B - Advanced Oboe IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4422A - Advanced Clarinet III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4422B - Advanced Clarinet IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4423A - Advanced Bassoon III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4423B - Advanced Bassoon IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4424A - Advanced Saxophone III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4424B - Advanced Saxophone IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4430A - Advanced Trumpet III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4430B - Advanced Trumpet IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4431A - Advanced Horn III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4431B - Advanced Horn IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4432A - Advanced Trombone III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4432B - Advanced Trombone IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites**

& Notes: MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4433A - Advanced Euphonium III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4433B - Advanced Euphonium IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level three advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4434A - Advanced Tuba III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4434B - Advanced Tuba IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4440A - Advanced Percussion III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4440B - Advanced Percussion IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4444 - 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. WI **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 1 to 3

MUS 4450A - Advanced Violin III.
Arr.-Arr.-1, -2, or -4) F, S. Level three advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4450B - Advanced Violin IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4451A - Advanced Viola III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4451B - Advanced Viola IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4452A - Advanced Violincello III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4452B - Advanced Violincello IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4453A - Advanced Double Bass III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4453B - Advanced Double Bass IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4454A - Advanced Guitar III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542 and MUS 2544. All students who wish to enroll in advanced-level applied study must have achieved junior standing in music. Credits: 1, 2 or 4

MUS 4454B - Advanced Guitar IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542 and MUS 2544. All students who wish to enroll in advanced-level applied study must have achieved junior standing in music. Credits: 1, 2 or 4

MUS 4460A - Advanced Piano III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4460B - Advanced Piano IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4461A - Advanced Organ III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4461B - Advanced Organ IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4463A - Advanced Jazz III.
(Arr.-Arr.-1, -2, or -4) F, S. Level three advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4463B - Advanced Jazz IV.
(Arr.-Arr.-1, -2, or -4) F, S. Level four advanced study in music performance on a one-to-one basis with a studio instructor. Open to music majors only. May be repeated once for credit. **Prerequisites & Notes:** MUS 2542, MUS 2544, and MUS 1110-1163. Achievement of Junior Standing. Credits: 1, 2 or 4

MUS 4541 - 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. **Prerequisites & Notes:** MUS 2541. Credits: 2

MUS 4542 - 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. **Prerequisites & Notes:** MUS 2541. Credits: 2

MUS 4555 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 1 to 3

MUS 4600A - Independent Study I.
(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. May be repeated once for credit. A maximum of six credits of Independent Study is allowed. Credits: 1 to 3

MUS 4600B - Independent Study II.
(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. May be repeated once for credit. A maximum of six credits of Independent Study is allowed. Credits: 1 to 3

MUS 4600D - Independent Study III.
(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. May be repeated once for credit. A maximum of six credits of Independent Study is allowed. Credits: 1 to 3

MUS 4644 - 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. Credits: 1 to 3

MUS 4666 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

MUS 4750 - Choral Arranging.
(2-0-2) S. A practical approach to developing skill in scoring and arranging for various vocal ensemble combinations. **Prerequisites & Notes:** MUS 1541, 1542, and 2541. Credits: 2

MUS 4770 - 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. Credits: 2

MUS 4840 - Band Arranging.
(2-0-2) S. A course in scoring and arranging materials for instrumental ensembles. **Prerequisites & Notes:** MUS 2541. Credits: 2

MUS 4850 - Jazz Band Arranging.
(2-0-2) S. A course dealing with the basic problems and techniques involved in arranging for a jazz band. **Prerequisites & Notes:** MUS 2543 or equivalent. Credits: 2

MUS 4861 - 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. **Prerequisites & Notes:** Permission of the instructor. Credits: 2

MUS 4870 - 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-Classic; 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. **Prerequisites & Notes:** Prerequisite or corequisite: MUS 3584 or 3585 or 3586 or 3594 or 3595 or 3596. Credits: 3

MUS 4920 - Keyboard Literature.
(3-0-3) S. A study of selected literature. May be taken twice for credit. Credits: 3

MUS 4950 - 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. **Prerequisites & Notes:** Junior level or permission of the instructor. Credits: 1

MUS 4980A - Workshop in Music I.
(Arr.-Arr.-1-3) On Demand. Literature, theory, techniques, pedagogy, and/or style in various media. Undergraduate students may earn a maximum of eight semester hours credit of Workshop in Music I, II, III, provided the content is not repeated. Graduate students may enroll for a maximum of four semester hours provided the content is not repeated. Credits: 1 to 3

MUS 4980B - Workshop in Music II.
(Arr.-Arr.-1-3) On Demand. Literature, theory, techniques, pedagogy, and/or style in various media. Undergraduate students may earn a maximum of eight semester hours credit of Workshop in Music I, II, III, provided the content is not repeated. Graduate students may enroll for a maximum of four semester hours provided the content is not repeated. Credits: 1 to 3

NATIONAL STUDENT EXCHANGE (NSE)

NSE 3960 - National Student Exchange, Plan A.
(15-0-12 to 18) 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 & Notes:** 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. Credits: 12 to 18

NSE 3961 - National Student Exchange, Plan B.
(15-0-12 to 18) F. S. Enrollment in a National Student Exchange member institution. Student pays tuition and fees to EIU. Approval of NSE Coordinator is required. **Prerequisites & Notes:** 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 once. Credits: 12 to 18

NSE 3990 - National Student Exchange Plan A, Honors.
(15-0-12 to 18) 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 & Notes:** 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 once. Credits: 12 to 18

NSE 3991 - National Student Exchange Plan B, Honors.
(15-0-12 to 18) 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 & Notes:** 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 once. Credits: 12 to 18

NURSING (NUR)

NUR 3103 - 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. Role transition and professional socialization are enhanced through analysis of nursing conceptual foundations. Critical thinking, inquiry, information literacy and communication are emphasized. WI **Prerequisites & Notes:** Admission to the RN to BS in Nursing Program. Credits: 3

NUR 3203 - Medical Terminology.
(3-0-3) On Demand. This course focuses on terminology useful to health professionals and necessary for accurate understanding and effective communication in the clinical setting. Analysis of terms in the context of human anatomy and physiology is emphasized. Application and evaluation of terminology within the appropriate context of all major body systems in both health and disease is stressed. Course may not be repeated. Credits: 3

NUR 3303 - Advanced Nursing Health Assessment.
(2-2-3) F, S. 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. Each student is responsible for obtaining and maintaining the appropriate CPR certification, documentation of health requirements, and appropriate certified background checks as required by the specific clinical agency. **Prerequisites & Notes:** Prior or concurrent enrollment in NUR 3103. Restriction: Students must be accepted into the RN to BS in Nursing Program. Course may not be repeated. Credits: 3

NUR 3604 - Pathophysiology and Pharmacology in Professional Nursing Practice.
(4-0-4) On Demand. 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 & Notes:** Prior or concurrent enrollment in NUR 3103; and admission to the RN to BS in Nursing Program. Credits: 4

NUR 3703 - 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 & Notes:** Prior or concurrent enrollment in NUR 3103. 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. Course may not be repeated. Credits: 3

NUR 4106 - Leadership and Management in Nursing.
(3-6-6) F, S. This course focuses on theories and concepts related to management and leadership in nursing practice. Strategies for managing quality of care, safety and outcome issues, caseloads of patients, professional and support personnel, data analysis, finance and budgeting, and collaboration are addressed. Each student is responsible for obtaining and maintaining the appropriate CPR certification, documentation of health requirements, and appropriate certified background checks as required by the specific clinical agency. **Prerequisites & Notes:** Prior or concurrent enrollment in NUR 3103. Restriction: Students must be accepted into the RN to BS in nursing program. Course may not be repeated. Credits: 6

NUR 4203 - Nursing, Health Care, Policies, and Politics.
(3-0-3) On Demand. 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. **Prerequisites & Notes:** Prior or concurrent enrollment in NUR 3103; and admission to the RN to BS in Nursing Program. Credits: 3

NUR 4506 - Nursing and the Community.
(3-6-6) F, 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. Each student is responsible for obtaining and maintaining the appropriate CPR certification, documentation of health requirements, and appropriate certified background checks as required by the specific clinical agency. **Prerequisites & Notes:** Prior or concurrent enrollment in NUR 3103. Restriction: Students must be accepted into the RN to BS in Nursing Program. Course may not be repeated. Credits: 6

NUR 4604 - Professional Seminar.
(4-0-4) F, 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 & Notes:** 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. Course may not be repeated. Credits: 4

ORGANIZATIONAL & PROFESSIONAL DEVELOPMENT (OPD)

OPD 3000 - Learning Analysis Through Portfolio Development.
(3-0-3) On Demand. This course is designed to enable Organizational & Professional Development majors to understand how to assess and document workplace experiential learning for college-level learning. This highly experiential course emphasizes the identification and development of skills as well as the conceptual frameworks needed to write the portfolio. This course is restricted to Organizational & Professional Development students. Credits: 3

OPD 3200 - 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. Credits: up to 30

OPD 3300 - 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. Credits: Up to 20

OPD 4275 - Organizational & Professional Development Internship.
(Arr.-Arr.-1-15) (Credit/No Credit) Experience includes job skills and knowledge, management-worker relations, supervised instruction, conferences and evaluations. One semester hour up to a maximum of 15 semester hours will be awarded for directed work experience internships. May be repeated once. Credits: 1 to 15

OPD 4275A - Organizational & Professional Development Internship I.
(Arr.-Arr.-1-15) (Credit/No Credit) Experience includes job skills and knowledge, management-worker relations, supervised instruction, conferences and evaluations. One semester hour up to a maximum of 15 semester hours will be awarded for directed work experience internships. May be repeated once. Credits: 1 to 15

OPD 4275B - Organizational & Professional Development Internship II.
(Arr.-Arr.-1-15) (Credit/No Credit) Experience includes job skills and knowledge, management-worker relations, supervised instruction, conferences and evaluations. One semester hour up to a maximum of 15 semester hours will be awarded for directed work experience internships. May be repeated once. Credits: 1 to 15

OPD 4275D - Organizational & Professional Development Internship III.
(Arr.-Arr.-1-15) (Credit/No Credit) Experience includes job skills and knowledge, management-worker relations, supervised instruction, conferences and evaluations. One semester hour up to a maximum of 15 semester hours will be awarded for directed work experience internships. May be repeated once. Credits: 1 to 15

OPD 4300 - Special Study in Organizational & Professional Development.
(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. **Prerequisites & Notes:** Prior approval by the Director and assignment of an appropriate instructor. Credits: 3

OPD 4700 - Leadership in Organizations.
(3-0-3) On Demand. This course covers leadership concepts and theories at the individual and organizational levels. Students will apply these concepts and theories to examine their own leadership practices in organizations through completion of self-assessments, experiential exercises, and participation in team projects. Credits: 3

OPD 4800 - 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 micro-teaching for career and technical teachers and human resource development trainers. Credits: 3

OPD 4810 - 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. Credits: 3

OPD 4815 - Conflict in Organizations
(3-0-3) S. Conflict resolution skills are necessary to improve work relationships and accomplish organizational goals within organizations. This course studies conflict as an organizational phenomenon, including conflict dynamics in the workplace and models for conflict resolution systems within organizations. Course may not be repeated. WI Credits: 3

OPD 4820 - Change Strategies in Organizations.
(3-0-3) F. A study, from the worker's perspective, of how technology affects social processes in occupational environments; human resource development; open systems theories; diagnosing occupational systems; change strategies; and the worker's adaptation of occupational settings to changing environmental demands. WI Credits: 3

OPD 4825 - Ethical Behavior in Organizations
(3-0-3) S. This course will encompass the major issues surrounding and affecting ethics within an organization, including recognizing ethical issues, making ethical judgments in organizations, and understanding the importance of organizational ethics programs. Credits: 3

OPD 4830 - 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. WI Credits: 3

OPD 4835 - 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 Credits: 3

OPD 4840 - 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. Credits: 3

OPD 4845 - Improvement in Organizations.
(3-0-3) F. This course is designed to acquaint students with methods for understanding and improving organizational performance. Included in this course are techniques for identifying

problems, philosophies and techniques for addressing problems, and planning for measurable improvement. Credits: 3

OPD 4850 - Special Topics in Organizational & Professional Development.
(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. Credits: 1 to 3

OPD 4850A, B, D-F, H-N. - Special Topics in Organizational & Professional Development.
(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. Credits: 1-3

OPD 4855 - Web-Based Training and Instruction.
(3-0-3) F. This course provides an overview of the fundamental theory and principles of how to design, develop, and manage web-based training (WBT) programs for adult learners within industry, service, and other organizations. Participants will design, develop and implement a web-based course. Credits: 3

OPD 4860 - 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 Credits: 3

OPD 4865 - Diversity in Organizations.
(3-0-3) On Demand. The study of the differences between employees' cultural values and how these differences affect the work environment. This course will help in developing potential skills to analyze and improve an organization's performance in managing diversity. Credits: 3

OPD 4870 - Coaching and Mentoring for 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 coaching and mentoring for critical thinking to the workplace, classroom, and training room. WI Credits: 3

OPD 4880 - 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. Credits: 3

OPD 4890 - 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. Credits: 3

PHILOSOPHY (PHI)

PHI 1000G - 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. Credits: 3

PHI 1090G - 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. WI **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

PHI 1900G - 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 Credits: 3

PHI 1990G - 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. WI **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

PHI 2000 - 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 Credits: 3

PHI 2010 - 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 Credits: 3

PHI 2090 - 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. H4 901 **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

PHI 2500G - 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 Credits: 3

PHI 2590G - 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. WI **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

PHI 3020 - 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 Credits: 3

PHI 3030 - 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. WI Credits: 3

PHI 3040 - 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 Credits: 3

PHI 3050G - 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. WI **Prerequisites & Notes:** ENG 1001G and ENG 1002G. Credits: 3

PHI 3070 - 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 Credits: 3

PHI 3100G - 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. WI **Prerequisites & Notes:** ENG 1001G, ENG 1002G. Credits: 3

PHI 3110G - 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. WI **Prerequisites & Notes:** ENG 1001G and ENG 1002G. Credits: 3

PHI 3220 - Medieval Philosophy.
(3-0-3) S-odd-numbered years. An examination of the principal philosophers from Epicurus through St. Thomas Aquinas. WI Credits: 3

PHI 3260 - Modern Philosophy.
(3-0-3) S. 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. WI Credits: 3

PHI 3280 - 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. WI **Prerequisites & Notes:** Three semester hours in Philosophy or permission of the instructor. Credits: 3

PHI 3290 - 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. **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

PHI 3310 - Indian Philosophy.
(3-0-3) F-even-numbered years. A comprehensive study of the philosophical and religious traditions of Indian thought and culture. WI **Prerequisites & Notes:** Three semester hours in Philosophy or permission of the instructor. Credits: 3

PHI 3320 - Chinese Philosophy.
(3-0-3) S-even-numbered years. A comprehensive study of the philosophical and religious traditions of Chinese culture. WI **Prerequisites & Notes:** Three semester hours in Philosophy or permission of the instructor. Credits: 3

PHI 3500 - 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. WI **Prerequisites & Notes:** Three semester hours in Philosophy or permission of the instructor. Credits: 3

PHI 3520 - Necessity, Possibility, and Existence.
(3-0-3) F-odd-numbered years. An historical survey of concepts and reasoning techniques about necessity, possibility and actual existence. Credits: 3

PHI 3540 - 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. WI Credits: 3

PHI 3600 - 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. WI **Prerequisites & Notes:** Three semester hours in Philosophy or permission of the instructor. Credits: 3

PHI 3680 - Buddhism.
(3-0-3) S-odd-numbered years. An in-depth study of the philosophical, religious and historical aspects of Buddhism. WI **Prerequisites & Notes:** Three semester hours in Philosophy or permission of the instructor. Credits: 3

PHI 3700G - Language and Human Nature.
(3-0-3) On Demand. A study of human language structure as an object of scientific inquiry and its relation to questions of human nature. WI Credits: 3

PHI 3720 - 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. WI **Prerequisites & Notes:** Three semester hours in Philosophy or permission of the instructor. Credits: 3

PHI 3780 - 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. WI Credits: 3

PHI 3800 - 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. WI Credits: 3

PHI 3820 - 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. WI Credits: 3

PHI 3900 - Symbolic Logic.
(3-0-3) S. A survey of formal methods for analyzing and evaluating arguments. **Prerequisites & Notes:** PHI 1900G or permission of the instructor. Credits: 3

PHI 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Credits: 1 to 15

PHI 3980 - 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. Credits: 3

PHI 4400A - Independent Study I.
(Arr.-Arr.1-6) Intensive individual study of a topic in Philosophy selected by the student under supervision of the instructor. **Prerequisites & Notes:** Approval of the department chairperson. The student must submit a study plan for approval by the department chair and faculty supervisor prior to registration. With permission of the department chairperson, a maximum of six semester hours may be earned in a combination of PHI 4400A, PHI 4400B, PHI 4400D and applied to the Philosophy major or minor. May be repeated once for credit. Credits: 1 to 6

PHI 4400B - Independent Study II
(Arr.-Arr.1-6) Intensive individual study of a topic in Philosophy selected by the student under supervision of the instructor. **Prerequisites & Notes:** Approval of the department chairperson. The student must submit a study plan for approval by the department chair and faculty supervisor prior to registration. With permission of the department chairperson, a maximum of six semester hours may be earned in a combination of PHI 4400A, PHI 4400B, PHI 4400D and applied to the Philosophy major or minor. May be repeated once for credit. Credits: 1 to 6

PHI 4400D - Independent Study III.
(Arr.-Arr.1-6) Intensive individual study of a topic in Philosophy selected by the student under supervision of the instructor. **Prerequisites & Notes:** Approval of the department chairperson. The student must submit a study plan for approval by the department chair and faculty supervisor prior to registration. With permission of the department chairperson, a maximum of six semester hours may be earned in a combination of PHI 4400A, PHI 4400B, PHI 4400D and applied to the Philosophy major or minor. May be repeated once for credit. Credits: 1 to 6

PHI 4444 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

PHI 4480 - Seminar.
(3-0-3) S. Advanced study of selected problems, topics, or philosophers. WI **Prerequisites & Notes:** Nine semester hours in Philosophy and permission of the instructor. May be taken twice for credit with permission of the department chairperson. Credits: 3

PHI 4555 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

PHI 4644 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

PHI 4666 - Honors Seminar.
(3-0-3) Areas of investigation which require integration of Philosophy and research will be treated. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

PHYSICAL SCIENCES (PHS)

PHS 3400 - 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. **Prerequisites & Notes:** EDP 3331 and SED 3330; for ISEP students, SED 3000 and 3100; for Middle Level Education majors, MLE 3110. Credits: 3

PHYSICS (PHY)

PHY 1000 - 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. Credits: Audit only

PHY 1051G - Physics of the Modern World.
(3-0-3) On Demand. An introduction to some of the revolutionary ideas of modern physics, such as quantum theory, atomic and nuclear physics, Einstein's theory of relativity, the Heisenberg uncertainty principle, operation and applications of lasers and other modern technology. These and other topics may be discussed at the discretion of the instructor. P1 901 Credits: 3

PHY 1052G - Adventures in Physics.
(3-0-3) F, S. An introduction to the universal laws of nature, their governance of phenomena in everyday life, and their application to inventions in our technological society. PHY 1053G must be taken concurrently. Online sections are available to off-campus students only. P1 901 Credits: 3

PHY 1053G - Adventures in Physics Laboratory.
(0-2-1) F, S. Experimental work demonstrating physical principles and their applications. PHY 1052G must be taken concurrently. Online sections are available to off-campus students only. P1 901L Credits: 1

PHY 1055G - 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. Credit for PHY 1055G will not be granted if the student already has credit for PHY 1095G or 3045G. P1 906 **Prerequisites & Notes:** Co-requisite: Physics 1056G must be taken concurrently. Credits: 3

PHY 1056G - Principles of Astronomy Laboratory.
(0-2-1) Experimental work demonstrating astronomical principles and techniques and their applications. P1 906L **Prerequisites & Notes:** Co-requisite: Physics 1055G must be taken concurrently. Credits: 1

PHY 1071 - Physics of Sound and Music.
(3-0-3) F, S. 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 acoustics of rooms and acoustics of musical instruments. Does not count toward a physics major or minor. P1 901 **Prerequisites & Notes:** Co-requisite: Physics 1072. Credits: 3

PHY 1072 - Physics of Sound and Music Laboratory.
(0-2-1) F, S. Experimental work demonstrating physical and acoustical principles and their applications. P1 901L **Prerequisites & Notes:** Co-requisite: PHY 1071. Credits: 1

PHY 1095G - Principles of Astronomy, Honors.
(3-0-3) F. An introduction to the solar system, planets, stars, galaxies, evolution of stars, neutron stars, black holes, cosmology, and the structure of the early universe. Credit for PHY 1095G will not be granted if the student already has credit for PHY 1055G or 3045G. **Prerequisites & Notes:** Admission to the University Honors College. Co-requisites: Physics 1096G must be taken concurrently. Credits: 3

PHY 1096G - Principles of Astronomy Laboratory, Honors.
(0-2-1) F. Experimental work demonstrating astronomical principles and techniques and their applications. **Prerequisites & Notes:**

Admission to the University Honors College. Co-requisites: Physics 1095G must be taken concurrently. Credits: 1

PHY 1151G - 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, applied engineering and technology, etc. **P1 900** **Prerequisites & Notes:** 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. Credits: 3

PHY 1152G - Principles of Physics I Laboratory.
(0-2-1) Experimental work demonstrating physics principles and their applications. P1 900L **Prerequisites & Notes:** 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. Credits: 1

PHY 1161 - Principles of Physics II.

(3-0-3) Electricity and Magnetism, Optics, Modern Physics. Designed for majors in geology, life sciences, health professions, applied engineering and technology, etc. **Prerequisites & Notes:** PHY 1151G and MAT 1400. Co-requisite: Physics 1162 must be taken concurrently. Credit not given for both 1161 and 1361. Credits: 3

PHY 1162 - Principles of Physics II Laboratory.
(0-2-1) Experimental work demonstrating physics principles and their applications. **Prerequisites & Notes:** PHY 1152G and MAT 1400. Co-requisite: Must be taken concurrently with Physics 1161. Credit not given for both 1162 and 1362. Credits: 1

PHY 1351G - 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. **Prerequisites & Notes:** Co-requisites: Physics 1352G must be taken concurrently as well as MAT 1441G. Credit not given for both 1351G and 1151G. BIO 903 Credits: 3

PHY 1352G - General Physics I Laboratory.
(0-3-1) F, S. Experimental work demonstrating physics principles and their applications. **Prerequisites & Notes:** Co-requisites: Must be taken concurrently with Physics 1351G as well as MAT 1441G. Credit not given for both PHY 1352G and 1152G. Credits: 1

PHY 1361 - 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. EGR 912; BIO 904 **Prerequisites & Notes:** PHY 1351G. Co-requisites: Physics 1362 must be taken concurrently as well as MAT 2442. Credit not given for both PHY 1361 and 1161. Credits: 3

PHY 1362 - General Physics II Laboratory.
(0-3-1) F, S. Experimental work demonstrating physics principles and their applications. WI **Prerequisites & Notes:** 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. Credits: 1

PHY 1371 - 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. EGR 914; BIO 904 **Prerequisites & Notes:** PHY 1361, 1362 Co-requisites: Physics 1372 must be taken concurrently as well as MAT 2443. Credits: 3

PHY 1372 - General Physics III Laboratory.
(0-3-1) F, S. Experimental work demonstrating physics principles and their applications. **Prerequisites & Notes:** PHY 1362. Co-requisites: Must be taken concurrently with Physics 1371 as well as MAT 2443. Credits: 1

PHY 1391G - 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. **Prerequisites & Notes:** Admission to the University Honors College. Corequisites: Physics 1392G must be taken concurrently as well as MAT 1441G. Credit not given for both 1391G and 1351G or 1151G. Credits: 3

PHY 1392G - General Physics I Laboratory, Honors.
(0-3-1) F. Experimental work demonstrating physics principles and their applications. **Prerequisites & Notes:** 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. Credits: 1

PHY 2390 - 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. EGR 942 **Prerequisites & Notes:** PHY 1351, PHY 1352 or permission of the instructor. Corequisite: MAT 2443. Credits: 3

PHY 2400 - 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. EGR 943 **Prerequisites & Notes:** PHY 2390 and MAT 2443. Credits: 3

PHY 2601A - Introductory Research in Physics 1A.
(Arr.-Arr.-1) Faculty-supervised experimental, theoretical, or computational research. A written record of work is required. A short oral presentation will be made that summarizes the student's work for the semester. May not be repeated for credit. **Prerequisites & Notes:** PHY 1351G, 1352G, permission of instructor, and permission of department chair. Credits: 1

PHY 2601B - Introductory Research in Physics 1B.
(Arr.-Arr.-1) Faculty-supervised experimental, theoretical, or computational research. A written record of work is required. A short oral presentation will be made that summarizes the student's work for the semester. May not be repeated for credit. **Prerequisites & Notes:** PHY 1351G, 1352G, permission of instructor, and permission of department chair. Credits: 1

PHY 2601D - Introductory Research in Physics 1D.
(Arr.-Arr.-1) Faculty-supervised experimental, theoretical, or computational research. A written record of work is required. A short oral presentation will be made that summarizes the student's work for the semester. May not be repeated for credit. **Prerequisites & Notes:** PHY 1351G, 1352G, permission of instructor, and permission of department chair. Credits: 1

PHY 2602A - Introductory Research in Physics 2A.
(Arr.-Arr.-2) Faculty-supervised experimental, theoretical, or computational research. A written record of work is required. A short oral presentation will be made that summarizes the student's work for the semester. May not be repeated for credit. **Prerequisites & Notes:** PHY 1351G, 1352G, permission of instructor, and permission of department chair. Credits: 2

PHY 2602B - Introductory Research in Physics 2B.
(Arr.-Arr.-2) Faculty-supervised experimental, theoretical, or computational research. A written record of work is required. A

short oral presentation will be made that summarizes the student's work for the semester. May not be repeated for credit. **Prerequisites & Notes:** PHY 1351G, 1352G, permission of instructor, and permission of department chair. Credits: 2

PHY 2602D - Introductory Research in Physics 2D.
(Arr.-Arr.-2) Faculty-supervised experimental, theoretical, or computational research. A written record of work is required. A short oral presentation will be made that summarizes the student's work for the semester. May not be repeated for credit. **Prerequisites & Notes:** PHY 1351G, 1352G, permission of instructor, and permission of department chair. Credits: 2

PHY 2603A - Introductory Research in Physics 3A.
(Arr.-Arr.-3) Faculty-supervised experimental, theoretical, or computational research. A written record of work is required. A short oral presentation will be made that summarizes the student's work for the semester. May not be repeated for credit. **Prerequisites & Notes:** PHY 1351G, 1352G, permission of instructor, and permission of department chair. Credits: 3

PHY 2603B - Introductory Research in Physics 3B.
(Arr.-Arr.-3) Faculty-supervised experimental, theoretical, or computational research. A written record of work is required. A short oral presentation will be made that summarizes the student's work for the semester. May not be repeated for credit. **Prerequisites & Notes:** PHY 1351G, 1352G, permission of instructor, and permission of department chair. Credits: 3

PHY 2603D - Introductory Research in Physics 3D.
(Arr.-Arr.-3) Faculty-supervised experimental, theoretical, or computational research. A written record of work is required. A short oral presentation will be made that summarizes the student's work for the semester. May not be repeated for credit. **Prerequisites & Notes:** PHY 1351G, 1352G, permission of instructor, and permission of department chair. Credits: 3

PHY 3001 - 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 & Notes:** PHY 1161 or PHY 1371 and MAT 1441G or MAT 2110G. Credits: 3

PHY 3002 - 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 & Notes:** PHY 1372 (or PHY 1162 with permission of Chair); and MAT 1441G (or MAT 2110G). Credits: 3

PHY 3010* - Special Topics in Physics.
(Arr.-Arr.-1-3) F, S. A course in a selected area of Physics. Each lettered course may not be repeated. **Prerequisites & Notes:** Prerequisites dependent on the topics being offered and determined by the faculty and Chair. Only six semester hours of Special Topics in Physics courses may be counted toward Physics major.
*Course Numbers: PHY 3010A, B, D-F, H-M, O-R, T-Z Credits: 1 to 3

PHY 3045G - Wonders of Astronomy.
(3-0-3) The course introduces students to physical laws governing the Universe. Origin, evolution and the final fate of the planets, stars, galaxies and the Universe are discussed. The course is technology delivered only and is available to off-campus students only. It is for students whose programs do not require PHY 1055G/1056G. Credit for PHY 3045G will not be granted if the student already has credit for PHY 1055G or PHY 1095G. Credits: 3

PHY 3050G - 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. Credits: 3

PHY 3080 - Modern Physics I.
(3-0-3) S. The fundamental concepts of physics of the twentieth century are taught within a limited mathematical framework. **Prerequisites & Notes:** PHY 1371, 1372 and MAT 2443. Credits: 3

PHY 3090 - 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. **Prerequisites & Notes:** PHY 3080. Credits: 3

PHY 3100 - 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 & Notes:** PHY 1055G, 1371, and 1372. Credits: 3

PHY 3150 - 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. **Prerequisites & Notes:** PHY 1161, 1162 or 1361, 1362; MAT 2110G or 1441G. Credits: 4

PHY 3270 - Introduction to Circuit Analysis.
(4-0-4) S. Basic principles of network analysis, including Kirchoff's laws, node and mesh equations, equivalent circuits, operational amplifiers, transient analysis, sinusoidal steady-state analysis, three-phase circuits, transformers, network functions, and frequency response. EGR 931 **Prerequisites & Notes:** PHY 1361, PHY 1362; prior credit or concurrent enrollment in MAT 3501. Credits: 4

PHY 3300 - 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. **Prerequisites & Notes:** PHY 2400. Credits: 3

PHY 3320 - 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 & Notes:** PHY 1371, MAT 2170, concurrent or prior enrollment in MAT 2550. Credits: 4

PHY 3350 - 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. **Prerequisites & Notes:** Co-requisite: PHY 3410 or CHM 3920. Credits: 3

PHY 3410 - 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.

Prerequisites & Notes: PHY 2400 and Co-requisite: MAT 3501. Credits: 3

PHY 3420 - 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. **Prerequisites & Notes:** PHY 3410. Credits: 3

PHY 3500A - Laboratory Practicum A.
(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 not be repeated. **Prerequisites & Notes:** PHY 1371, 1372. Credits: 1

PHY 3500B - Laboratory Practicum B.
(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 not be repeated. **Prerequisites & Notes:** PHY 1371, 1372. Credits: 1

PHY 3500D - Laboratory Practicum D.
(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 not be repeated. **Prerequisites & Notes:** PHY 1371, 1372. Credits: 1

PHY 4000 - 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. **Prerequisites & Notes:** PHY 1161 or PHY 1371. Credits: 1

PHY 4010 - 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. **Prerequisites & Notes:** PHY 1161 or PHY 1371. Credits: 1

PHY 4100 - 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. **Prerequisites & Notes:** PHY 3080. Credits: 3

PHY 4320 - 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 & Notes:** PHY 2390, PHY 3080, PHY 3410, and PHY 3320. Credits: 4

PHY 4410* - 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. **Prerequisites & Notes:** Permission of instructor and department chair.
*Course Numbers: PHY 4410A, B, D-F, H-M, O-R, T-Z Credits: 1 to 3

PHY 4444A - Honors Independent Study A.
(3-0-3) Consideration of various topics in Physics. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. May not be repeated. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the faculty supervisor, Departmental Honors Coordinator and Department Chair. Credits: 3

PHY 4444B - Honors Independent Study B.
(3-0-3) Consideration of various topics in Physics. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. May not be repeated. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the faculty supervisor, Departmental Honors Coordinator and Department Chair. Credits: 3

PHY 4444D - Honors Independent Study D.
(3-0-3) Consideration of various topics in Physics. Special emphasis on an area of interest to the student approved by faculty supervisor and Departmental Honors Coordinator. May not be repeated. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the faculty supervisor, Departmental Honors Coordinator and Department Chair. Credits: 3

PHY 4470 - Optics.
(3-3-4) F-odd-numbered years. Geometrical optics, optical instruments, wave optics: superposition, coherence, interference, diffraction, polarization. **Prerequisites & Notes:** PHY 1371 and 1372. Credits: 4

PHY 4555 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the faculty supervisor, Departmental Honors Coordinator and Department Chair. Credits: 3

PHY 4601A - Research in Physics 1A.
(Arr.-Arr.-1) Faculty-supervised research. A written report and an oral presentation are required. **Prerequisites & Notes:** PHY 2390, permission of instructor and department chair. Credits: 1

PHY 4601B - Research in Physics 1B.
(Arr.-Arr.-1) Faculty-supervised research. A written report and an oral presentation are required. **Prerequisites & Notes:** PHY 2390, permission of instructor and department chair. Credits: 1

PHY 4601D - Research in Physics 1D.
(Arr.-Arr.-1) Faculty-supervised research. A written report and an oral presentation are required. **Prerequisites & Notes:** PHY 2390, permission of instructor and department chair. Credits: 1

PHY 4601E - Research in Physics 1E.
(Arr.-Arr.-1) Faculty-supervised research. A written report and an oral presentation are required. **Prerequisites & Notes:** PHY 2390, permission of instructor and department chair. Credits: 1

PHY 4602A - Research in Physics 2A.
(Arr.-Arr.-2) Faculty-supervised research. A written report and an oral presentation are required. **Prerequisites & Notes:** PHY 2390, permission of instructor and department chair. Credits: 2

PHY 4602B - Research in Physics 2B.
(Arr.-Arr.-2) Faculty-supervised research. A written report and an oral presentation are required. **Prerequisites & Notes:** PHY 2390, permission of instructor and department chair. Credits: 2

PHY 4602D - Research in Physics 2D.
(Arr.-Arr.-2) Faculty-supervised research. A written report and an oral presentation are required. **Prerequisites & Notes:** PHY 2390, permission of instructor and department chair. Credits: 2

PHY 4602E - Research in Physics 2E.
(Arr.-Arr.-2) Faculty-supervised research. A written report and an oral presentation are required. **Prerequisites & Notes:** PHY 2390, permission of instructor and department chair. Credits: 2

PHY 4603A - Research in Physics 3A.
(Arr.-Arr.-3) Faculty-supervised research. A written report and an oral presentation are required. **Prerequisites & Notes:** PHY 2390, permission of instructor and department chair. Credits: 3

PHY 4603B - Research in Physics 3B.
(Arr.-Arr.-3) Faculty-supervised research. A written report and an oral presentation are required. **Prerequisites & Notes:** PHY 2390, permission of instructor and department chair. Credits: 3

PHY 4603D - Research in Physics 3D.
(Arr.-Arr.-3) Faculty-supervised research. A written report and an oral presentation are required. **Prerequisites & Notes:** PHY 2390, permission of instructor and department chair. Credits: 3

PHY 4603E - Research in Physics 3E.
(Arr.-Arr.-3) Faculty-supervised research. A written report and an oral presentation are required. **Prerequisites & Notes:** PHY 2390, permission of instructor and department chair. Credits: 3

PHY 4644 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the faculty supervisor, Departmental Honors Coordinator and Department Chair. Credits: 3

PHY 4666 - Honors Seminar.
(3-0-3) Areas of investigation which require integration of Physics and research will be treated. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator and Department Chair. Credits: 3

PHY 4711 - Experimental Physics I.
(0-4-1) F, S. Laboratory experiments to determine some fundamental physical constants of nature. Set piece experiments from different areas of physics using various techniques and instrumentation to acquire and analyze physical data. Co-requisite: PHY 3150. Credits: 1

PHY 4712 - Experimental Physics II.
(0-4-1) F, S. Laboratory experiments to investigate different phenomena. Experiments from different areas of physics using various techniques and instrumentation to acquire and analyze physical data. **Prerequisites & Notes:** Pre-requisite or Co-requisite: PHY 4711. Credits: 1

PHY 4713 - Experimental Physics III.
(0-4-1) F, S. Students will design and develop experiments in consultation with faculty. These experiments should apply experimental techniques and theoretical knowledge that the student has developed. **Prerequisites & Notes:** PHY 4711 and PHY 4712. Credits: 1

PHY 4750 - 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. **Prerequisites & Notes:** PHY 1361, 1362, and MAT 2442. Credits: 4

PHY 4800* - Advanced 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. A maximum of 6 hours of Advanced Independent Study may be counted. **Prerequisites & Notes:** Permission of the instructor and Department Chair.

*Course Numbers: PHY 4800A, B, D-F, H-M, O-R, T-Z Credits: 1 to 6

PHY 4850 - 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. **Prerequisites & Notes:** PHY 2400 and 3080; MAT 2443 and 3501. Credits: 4

PHY 4860 - 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. **Prerequisites & Notes:** PHY 4850. Credits: 2

PHY 4870 - Mathematical Methods of Physics.
(3-0-3) F-odd-numbered years. Selected topics from dynamics (Lagrangian, Hamiltonian), electromagnetic theory (Maxwell's equations), etc. **Prerequisites & Notes:** PHY 2400, MAT 2443 and 3501. Credits: 3

POLITICAL SCIENCE (PLS)

PLS 1003 - 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 Credits: 3

PLS 1153G - 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 Credits: 3

PLS 1193G - 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. S5 900 **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

PLS 2001 - Introduction to Research Methods in Political Science.
(1-0-1) F, S. This course will introduce students to basic concepts/techniques important in understanding and developing research in political science. Topics include research design, development of a literature review, and qualitative approaches to data collection/analysis such as case studies, focus groups, interviews, and content analysis. Course restricted to the following majors: Political Science, Social Science Geography Designation, Social Science Geography Designation, Social Science History Designation, Social Science Political Science Designation, Social Science Psychology Designation, and Social Science Sociology-Anthropology Designation. Course may not be repeated. Credits: 1

PLS 2033 - 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 & Notes:** Students who are not Political Science majors or Social Science Teaching majors with a Political Science Designation must have permission of the instructor. Credits: 3

PLS 2103 - 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. Credits: 3

PLS 2253G - 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 Credits: 3

PLS 2293G - 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. S5 904N **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

PLS 25131 - Moot Court I.
(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. Each course may be repeated one time for a total of six semester hours in Moot Court courses, but no more than three 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. **Prerequisites & Notes:** 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. Credits: 1

PLS 25132 - Moot Court II.
(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. Each course may be repeated one time for a total of six semester hours in Moot Court courses, but no more than three 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. **Prerequisites & Notes:** 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. Credits: 1

PLS 25133 - Moot Court III.
(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. Each course may be repeated one time for a total of six semester hours in Moot Court courses, but no more than three 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. **Prerequisites & Notes:** 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. Credits: 1

PLS 26111 - Model Illinois Government I.
(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. This course may be repeated once. A total of four semester hours may be earned in combination with PLS 26112; no more than three 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. **Prerequisites & Notes:** Restricted to students selected to represent EIU at the simulation. Credits: 1

PLS 26112 - Model Illinois Government II.
(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. This course may be repeated once. A total of four semester hours may be earned in combination with PLS 26111; no more than three 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. **Prerequisites & Notes:** Restricted to students selected to represent EIU at the simulation. Credits: 1

PLS 2603 - 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 Credits: 3

PLS 3100 - 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. Credits: 3

PLS 3203 - 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 Credits: 3

PLS 3223 - International Organizations.
(3-0-3) S-even-numbered years. An analysis of the creation and functions of global and regional international organizations, with special emphasis devoted to the role of international organizations in promoting peace and security in world affairs. Within this context, organizations to be examined include the role of the United Nations, the North Atlantic Treaty Organization, the European Union, and the African Union, as well as leadership of international organizations. Credits: 3

PLS 3233 - International Terrorism.
(3-0-3) S-odd-numbered years. 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 Credits: 3

PLS 3253 - International Criminal Law.
(3-0-3) S. This course examines the evolution in international criminal law during the 20th century and addresses efforts to codify legal norms involving genocide, crimes against humanity and war crimes as well as the institutions involved in the implementation of international criminal law. **Prerequisites & Notes:** Students must have completed PLS 2253 before taking this course. Credits: 3

PLS 3303 - European Politics and Governments
(3-0-3) F-odd-numbered years. 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. WI **Prerequisites & Notes:** PLS 1003 or 2253G or permission of the instructor. Credits: 3

PLS 3333 - 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. Credits: 3

PLS 3343 - Government and Politics of the Middle East.
(3-0-3) S-even-numbered years. The governments and politics of the countries of the contemporary Middle East with an emphasis upon the processes of political modernization. WI **Prerequisites & Notes:** Three semester hours of political science. Credits: 3

PLS 3353 - 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. Credits: 3

PLS 3363 - Government and Politics in Asia-Pacific Rim.
(3-0-3) F-even-numbered years. 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. WI **Prerequisites & Notes:** PLS 1003 or permission of the instructor. Credits: 3

PLS 3373 - International Political Economy.
(3-0-3) F-even-numbered years. 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. **Prerequisites & Notes:** PLS 2253G or permission of the instructor. Credits: 3

PLS 3413 - Introduction to Public Administration.
(3-0-3) S-odd-numbered years. A study of the growth, principles and problems of public administration and the relationship to public policy. **Prerequisites & Notes:** PLS 1153G. Credits: 3

PLS 3513 - 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. **Prerequisites & Notes:** PLS 1153G or permission of the instructor. Credits: 3

PLS 3523 - Criminal Law.
(3-0-3) F. 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. WI **Prerequisites & Notes:** PLS 1153G or permission of the instructor. Credits: 3

PLS 3543 - 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. WI **Prerequisites & Notes:** PLS 1153G or permission of the instructor. Credits: 3

PLS 3553 - Federal Indian Law and Policy.
(3-0-3) F. An introduction to the complex body of Supreme Court rulings and legislative acts impacting indigenous people in the United States. Topics covered include sovereignty, land ownership, taxation, gaming, natural resources, criminal justice and the politics of tribal recognition. Credits: 3

PLS 3653 - American Indian Politics.
(3-0-3) S. An introduction to the unique social/political position of American Indians in the United States federal system. Included in the discussion are images of native people, actors involved in the political game, political activism and interest group activity of tribal nations, gaming, and the politics of tribal recognition. Credits: 3

PLS 3703 - African American Politics.
(3-0-3) S-even-numbered years. 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 & Notes:** PLS 1153G or permission of the instructor. Credits: 3

PLS 3713 - 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. WI **Prerequisites & Notes:** PLS 1153G or permission of the instructor. Credits: 3

PLS 3723 - Political Behavior.
(3-0-3) F-odd-numbered years. This course examines the way in which individuals influence government. Topics covered include political socialization, public opinion, participation, voting, partisanship, tolerance and protest. **Prerequisites & Notes:** PLS 1153G or permission of the instructor. Credits: 3

PLS 3733 - Interest Groups and Lobbying.
(3-0-3) F-even-numbered years. 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. **Prerequisites & Notes:** PLS 1153G or permission of the instructor. Credits: 3

PLS 3743 - Congress.
(3-0-3) S-odd-numbered years. An examination of the structures and functions of legislative bodies, with an emphasis on the U.S. Congress. Focus will be placed on the topics of representation, congressional elections, rules, norms, and procedures, interaction with the executive and judicial branches, and legislative policymaking. WI **Prerequisites & Notes:** PLS 1153G or permission of the instructor. Credits: 3

PLS 3753 - 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. WI **Prerequisites & Notes:** PLS 1153G or permission of the instructor. Credits: 3

PLS 3763 - 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. Credits: 3

PLS 3863 - 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. Credits: 3

PLS 3903 - 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 Credits: 3

PLS 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Credits: 1 to 15

PLS 4275 - 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. **Prerequisites & Notes:** 32 credit hours; permission of the internship coordinator. Pre-law internships need the permission of the Pre-Legal Studies Committee chairperson. Credits: 1 to 12

PLS 4444 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

PLS 4503 - 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. **Prerequisites & Notes:** 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. Credits: 1 to 6

PLS 4555 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

PLS 4600 - Political Science Capstone.
(3-0-3) F, S. Analysis of classic and contemporary issues in Political Science research, with an emphasis on integrating undergraduate coursework and research experience. WI **Prerequisites & Notes:** Completion of PLS 1153G/1193G, PLS 2253G/2293G, PLS 1003, PLS 2001, PLS 2103, PLS 2603, PLS 2033, and 9 hours in Political Science Field Requirements. Restricted to undergraduate Political Science majors and Political Science majors with International Studies Option who have completed at least 75 hours, and have completed the course prerequisites. Credits: 3

PLS 4644 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

PLS 4774 - 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. **Prerequisites & Notes:** PLS 1153G or permission of the instructor; junior standing or above. Credits: 3

PLS 4793 - Public Organization Theory.
(3-0-3) S-even-numbered years. 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. WI **Prerequisites & Notes:** PLS 1153G or permission of the instructor; junior standing or above. Credits: 3

PLS 4823 - International Policy Issues.
(3-0-3) S-odd-numbered years. An analysis of contemporary world problems from the point of view of different nation-states. Students will help select the issues. **Prerequisites & Notes:** Nine semester hours in the social sciences or permission of the instructor; junior standing or above. Credits: 3

PLS 4853 - 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. **Prerequisites & Notes:** Three semester hours in public law or permission of the instructor; junior standing or above. Credits: 3

PLS 4873 - Human Resource Management in Government.
(3-0-3) F. 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. WI **Prerequisites & Notes:** PLS 1153G or permission of the instructor; junior standing or above. Credits: 3

PLS 4893 - 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. **Prerequisites & Notes:** PLS 1153G or permission of the instructor; junior standing or above. Credits: 3

PLS 4903 - Classic Political Theory.
(3-0-3) F-even-numbered years. The origins and evolution of major concepts in political thought from the time of Pericles through Rousseau. WI **Prerequisites & Notes:** Six semester hours of political science or permission of the instructor; junior standing or above. Credits: 3

PLS 4913 - Contemporary Political Theory.
(3-0-3) S-odd-numbered years. Concepts in political thought with an emphasis on the development of communist, fascist, social democratic and contemporary theory. WI **Prerequisites & Notes:** Six semester hours of political science or permission of the instructor; junior standing or above. Credits: 3

PLS 4923 - African American Political Thought.
(3-0-3) S-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 & Notes:** PLS 1153G or permission of the instructor. Credits: 3

PLS 4933 - Ideologies of the Developing World.
(3-0-3) S. Survey of Third World political thought with a focus on the ideologies of nationalism, revolution, socialism, and democratic reform. **Prerequisites & Notes:** Three semester hours of political science or permission of the instructor; junior standing or above. Credits: 3

PLS 4943 - 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. WI **Prerequisites & Notes:** PLS 1153G or permission of the instructor. Credits: 3

PSYCHOLOGY (PSY)

PSY 1879G - 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 Credits: 3

PSY 1890G - 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. WI **Prerequisites & Notes:** Admission to the University Honors College. Credit not given for both PSY 1890G and 1879G. Credits: 3

PSY 2610 - Statistical Methods of Psychology.
(3-2-4) F, S. Application of statistical methods to behavioral data. **Prerequisites & Notes:** 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. Credits: 4

PSY 2999 - 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. **Prerequisites & Notes:** PSY 1879G, academic standing as a sophomore psychology major. Credits: 1

PSY 3260 - Models of Group Therapy.
(3-0-3) F, S. Introduction to group processes and therapeutic group procedures. The course will provide direct group experiences and information on the theoretical and empirical literature pertaining to group psychotherapy. **Prerequisites & Notes:** PSY 1879G and approval of instructor. Credits: 3

PSY 3310 - 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. **Prerequisites & Notes:** PSY 1879G. Credits: 3

PSY 3515 - Child Psychology.
(3-0-3) A survey of the progression of human development through middle childhood and of the processes involved in the physical, cognitive, social, and affective domains. PSY 901 **Prerequisites & Notes:** PSY 1879 is required. Credits: 3

PSY 3521 - Psychology of Adolescence and Young Adulthood.
(3-0-3) A survey of development during adolescence and young adulthood, and the influences of biological, cognitive, and social factors on psychological development and behavior. PSY 902 **Prerequisites & Notes:** PSY 1879G. (PSY 3515 is recommended, but not required.) Credits: 3

PSY 3525 - 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. PSY 903 **Prerequisites & Notes:** PSY 1879G. Credits: 3

PSY 3530 - 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. PSY 906 **Prerequisites & Notes:** PSY 1879G or permission of the instructor. Credits: 3

PSY 3590 - 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. PSY 907 **Prerequisites & Notes:** PSY 1879G. Credits: 3

PSY 3620 - 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. **Prerequisites & Notes:** PSY 1879G. Credits: 3

PSY 3680 - 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. **Prerequisites & Notes:** PSY 1879G. Credits: 3

PSY 3690 - 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. **Prerequisites & Notes:** PSY 1879G. Credits: 3

PSY 3720 - 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. **Prerequisites & Notes:** PSY 1879G. Credits: 3

PSY 3765 - 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. **Prerequisites & Notes:** PSY 1879G. Credits: 3

PSY 3780 - Abnormal Psychology.
(3-0-3) F, S. 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. PSY 905 **Prerequisites & Notes:** PSY 1879G or equivalent. Credits: 3

PSY 3805 - 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. WI **Prerequisites & Notes:** PSY 2610 with a grade of C or better. Credits: 4

PSY 3820 - Cognitive Neuroscience.
(3-0-3) F. Cognitive Neuroscience is the combined study of the brain and the mind. This course focuses on the brain as a biological computational device whose output can be studied from various perspectives that include cognition, genetics, and mathematics in addition to biology. Developmental processes and brain disorders that impair cognition will also be studied. **Prerequisites & Notes:** PSY 1879G and PSY 3310. Credits: 3

PSY 3830 - 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. **Prerequisites & Notes:** PSY 1879G. Credits: 3

PSY 3870 - 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. PSY 908 **Prerequisites & Notes:** PSY 1879G. Credits: 3

PSY 3900A - 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 PSY 4100A. May be repeated once for credit and must be repeated prior to taking PSY 3900B. A maximum of three hours of Independent Study in Psychology (PSY 3900A-E) may be applied to the major in psychology. Credits: 1 to 6

PSY 3900B - 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 PSY 4100A. May be repeated once for credit and must be repeated prior to taking PSY 3900D. A maximum of three hours of Independent Study in Psychology (PSY 3900A-E) may be applied to the major in psychology. Credits: 1 to 6

PSY 3900D - 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 PSY 4100A. May be repeated once for credit and must be repeated prior to taking PSY 3900E. A maximum of three hours of Independent Study in Psychology (PSY 3900A-E) may be applied to the major in psychology. Credits: 1 to 6

PSY 3900E - 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 PSY 4100A. May be repeated once for credit. A maximum of three hours of Independent Study in Psychology (PSY 3900A-E) may be applied to the major in psychology. Credits: 1 to 6

PSY 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Credits: 1 to 15

PSY 4000 - 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. **Prerequisites & Notes:** PSY 3830 or permission of professor. Credits: 3

PSY 4100A - 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 once and must be repeated prior to taking PSY 4100B. A maximum of nine semester hours may be earned in Supervised Research in Psychology (PSY 4100A-E). A maximum of three hours of Supervised Research in Psychology (PSY 4100A-E) may be applied to the major in psychology. **Prerequisites & Notes:** PSY 2610 and PSY 3805 with a grade of C or better in both, or permission of the instructor. Credits: 1 to 6

PSY 4100B - 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 once and must be repeated prior to taking PSY 4100D. A maximum of nine semester hours may be earned in Supervised Research in Psychology (PSY 4100A-E). A maximum of three hours of Supervised Research in Psychology (PSY 4100A-E) may be applied to the major in psychology. **Prerequisites & Notes:** PSY 2610 and PSY 3805 with a grade of C or better in both, or permission of the instructor. Credits: 1 to 6

PSY 4100D - 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 once and must be repeated prior to taking PSY 4100E. A maximum of nine semester hours may be earned in Supervised Research in Psychology (PSY 4100A-E). A maximum of three hours of Supervised Research in Psychology (PSY 4100A-E) may be applied to the major in psychology. **Prerequisites & Notes:** PSY 2610 and PSY 3805 with a grade of C or better in both, or permission of the instructor. Credits: 1 to 6

PSY 4100E - 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 once. A maximum of nine semester hours may be earned in Supervised Research in Psychology (PSY 4100A-E). A maximum of three hours of Supervised Research in Psychology (PSY 4100A-E) may be applied to the major in psychology. **Prerequisites & Notes:** PSY 2610 and PSY 3805 with a grade of C or better in both, or permission of the instructor. Credits: 1 to 6

PSY 4250 - 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. **Prerequisites & Notes:** 15 semester hours in psychology. Credits: 3

PSY 4260 - 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. **Prerequisites & Notes:** 20 semester hours in psychological or related areas. Credits: 3

PSY 4270 - 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. WI **Prerequisites & Notes:** PSY 3590 and 3780. Credits: 3

PSY 4274 - 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. **Prerequisites & Notes:** Psychology major, 20 hours of psychology course work or permission of instructor. Credits: 1

PSY 4275 - 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. **Prerequisites & Notes:** Psychology major, PSY 4274, 20 hours of psychology course work and permission of the instructor. Six hours is the maximum number of hours permitted. Credits: 3 to 6

PSY 4444 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. May be repeated for up to six hours. Credits: 3

PSY 4515 - 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. **Prerequisites & Notes:** PSY 1879G, 3515. Credits: 3

PSY 4585 - Special Topics in Psychology.
(3-0-3) On Demand. Specific areas within the discipline will be given intensive study through lectures, readings, reports, papers, and discussion. The topic for each semester will be announced in advance by the department chairperson. **Prerequisites & Notes:** [PSY 1879 (Introductory Psychology)] AND [6 additional credits in psychology or permission of the instructor]. Course may be repeated – no limit. Credits: 3

PSY 4590 - 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 **Prerequisites & Notes:** Major or minor in psychology. May be repeated with permission of the instructor. Credits: 3

PSY 4610 - 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). **Prerequisites & Notes:** PSY 2610 or equivalent with a grade of C or better. Credits: 4

PSY 4620 - 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. **Prerequisites & Notes:** PSY 2610 or equivalent with a grade of C or better. Credits: 3

PSY 4644 - Honors Thesis.
(Arr.-Arr.-3) Intensive research in preparation of a thesis on a topic in psychology under the supervision of a faculty sponsor. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

PSY 4666 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

PSY 4700 - 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. **Prerequisites & Notes:** PSY 1879G or SOC 1838G. Credits: 3

RECREATION ADMINISTRATION (REC)

REC 1320 - Leadership in Recreation.
(2-2-3) 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. Credits: 3

REC 1780 - Introduction to Leisure Service Agencies.
(3-0-3) F. 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. Credits: 3

REC 2250 - Recreation Services for People with Disabilities.
(2-2-3) F, S. This course introduces the student to social and psychological implications of disability, concepts of inclusion, special recreation and other terminology, legal concerns/implications and recreation service delivery issues. There is also a Service Learning component to this course. Credits: 3

REC 2290 - Programming for Leisure Agencies.
(3-0-3) 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. Credits: 3

REC 2500 - The Challenge of Leisure.
(3-0-3) F. A study and evaluation of the effect of leisure in our lives and assessment of individual leisure participation. Credits: 3

REC 3000 - Foundations of Therapeutic Recreation.
(3-0-3) F-even-numbered years. This course is designed to examine the history, philosophies, models and process of service and settings in therapeutic recreation. Advocacy, credentialing and other aspects of therapeutic recreation's role in the health care arena are also examined. **Prerequisites & Notes:** REC 1320 and REC 2250. Credits: 3

REC 3111 - Therapeutic Recreation Modalities and Facilitation Techniques.
(3-0-3) S-even-numbered years. This course is designed to provide opportunities to learn about leisure education theories and to practice leisure education and other modalities, interventions and facilitation techniques used in therapeutic recreation practice. Registration is restricted to therapeutic recreation majors. **Prerequisites & Notes:** REC 1320, REC 2250, and REC 3000. Credits: 3

REC 3250 - Evidence Based Intervention Planning in Therapeutic Recreation.
(3-0-3) F-odd-numbered years. This course helps the student develop understanding of intervention/program design approaches; evidence based and theory based. It provides the opportunity to develop skills related to the detailed process of developing individual and comprehensive intervention and program plans. The course also examines program evaluation for efficiency and effectiveness. Registration is restricted to therapeutic recreation majors. **Prerequisites & Notes:** REC 1320 and REC 2250. Credits: 3

REC 3300 - 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. Credits: 3

REC 3310 - 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. **Prerequisites & Notes:** Sophomore standing and six hours of behavioral sciences and/or business-related courses. Credits: 3

REC 3320 - 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 & Notes:** At least 30 hours or Sophomore standing. Credits: 3

REC 3360 - Advanced Therapeutic Recreation Processes.
(3-0-3) S-even-numbered years. This course provides in-depth information about the TR process as it relates to a range of disabling conditions, including such things as disability detail, medical terminology, pharmacological understanding, and the WHO's (World Health Organization) International Classifications of Functioning (ICF) system. Registration is restricted to therapeutic recreation majors. **Prerequisites & Notes:** REC 1320, REC 2250, and REC 3000. Credits: 3

REC 3400G - 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 Credits: 3

REC 3510 - 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. Credits: 2

REC 3550 - 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. **Prerequisites & Notes:** Second semester sophomore standing and nine hours of professional recreation classes or permission of instructor. Credit not granted for both REC 3550 and 3551. Credits: 3

REC 3551 - 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. **Prerequisites & Notes:** Second semester sophomore standing and nine hours of professional recreation classes or permission of instructor. Credit not granted for both REC 3550 and 3551. Credits: 3

REC 3560 - Outdoor Living Skills.
(1-2-2) S. Study of approved techniques for out-of-doors living and survival skills. Practical experience provided. Credits: 2

REC 3860 - 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. Credits: 2

REC 3900 - 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. Credits: 3

REC 3910 - Microcomputers in Leisure Agencies.
(3-0-3) 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. **Prerequisites & Notes:** No minimum programming level requirements; this is not a programming course. Credits: 3

REC 3960A - Special Topics: Consortium.
(Arr.-Arr.-3) On Demand. Special topics and controversial trends in the area of leisure will be studied. May be repeated with different topics for up to six hours with permission of Department Chair. **Prerequisites & Notes:** Junior standing or nine hours of Recreation Administration and/or behavioral sciences coursework. Credits: 3

REC 3960B, D-F, H-M - Special Topics.
(Arr.-Arr.-1-3) On Demand. Special topics and controversial trends in the area of leisure will be studied. May be repeated with different topics for up to six hours with permission of Department Chair. **Prerequisites & Notes:** Junior standing or nine hours of Recreation Administration and/or behavioral sciences coursework. Credits: 1 to 3

REC 4274 - 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. **Prerequisites & Notes:** REC 3550 or REC 3551 or permission of the instructor. Credits: 1

REC 4275 - Internship.
(Arr.-Arr.-6) (Credit/No Credit) A field experience to include full-time assignment to an established recreation program. **Prerequisites & Notes:** Must have completed all other core courses in the Recreation Administration major or permission of the Chair or Internship Coordinator, and; have at least a 2.0 GPA overall and in the major. Credits: 6

REC 4355 - Assessment and Administration in Therapeutic Recreation.
(3-0-3) S-odd-numbered years. This capstone course examines assessment procedures, instruments and many other documentation concerns. It also reviews a range of administration issues including funding, accreditation and personnel management. Registration is restricted to therapeutic recreation majors. **Prerequisites & Notes:** REC 1320, 2250, 3000, 3250, and 3360. Credits: 3

REC 4444 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 1

REC 4600 - Planning and Design of Leisure Facilities.
(4-0-4) 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. **Prerequisites & Notes:** Complete Recreation Administration 1320, 1780, 2250, and 2290 or permission of instructor. Credits: 4

REC 4644 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

REC 4666 - Honors Seminar.
(Arr.-Arr.-3) Areas of investigation which require integration of leisure studies and research will be treated. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. May be taken twice. Credits: 3

REC 4740 - 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 Credits: 3

REC 4830 - 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. **Prerequisites & Notes:** Twelve semester hours of recreation class credit or permission of instructor. Field trip. Credits: 3

REC 4850 - 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 Credits: 3

REC 4950 - 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. Credits: 3

REC 47411 - Independent Study.
(Arr.-Arr.-1) 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. May be repeated once, for a maximum of six semester hours of credit in Independent Study. Contact department chairperson for information. Credits: 1

REC 47412 - Independent Study.
(Arr.-Arr.-2) 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. May be repeated once, for a maximum of six semester hours of credit in Independent Study. Contact department chairperson for information. Credits: 2

REC 47413 - Independent Study.
(Arr.-Arr.-3) 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. May be repeated once, for a maximum of six semester hours of credit in Independent Study. Contact department chairperson for information. Credits: 3

RELIGIOUS STUDIES (RLS)

RLS 1200G - Introduction to Religious Studies.
(3-0-3) On Demand. This course provides an 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. Course may not be repeated. Credits: 3

RLS 1290G - 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 RLS 1290G and HIS 1590G. WI **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

RLS 3900 - Special Topics in Religious Studies.
(3-0-3) On Demand. An in-depth treatment of a major topic or figure of religious significance. May be repeated to a maximum of 9 hours. WI Credits: 3

SECONDARY EDUCATION (SED)

SED 2000 - 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. Credits: 1

SED 3000 - 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. WI **Prerequisites & Notes:** SED 2000. Credits: 3

SED 3100 - 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. WI **Prerequisites & Notes:** SED 2000; SED 3000. "University Admission to Teacher Education" requirements apply. Credits: 3

SED 3330 - 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 & Notes:** 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. Credits: 3

SED 4000 - 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. WI **Prerequisites & Notes:** SED 3100 and departmental methods course(s). Concurrent enrollment with STG 4001 is required. This course is delivered on line. Credits: 3

SED 47411 - Independent Study.
(Arr.-Arr.-1) May be repeated once, for no more than six semester hours of Independent Study credit. **Prerequisites & Notes:** Permission of the Department chairperson. Credits: 1

SED 47412 - Independent Study.
(Arr.-Arr.-2) May be repeated once, for no more than six semester hours of Independent Study credit. **Prerequisites & Notes:** Permission of the Department chairperson. Credits: 2

SED 47413 - Independent Study.
(Arr.-Arr.-3) May be repeated once, for no more than six semester hours of Independent Study credit. **Prerequisites & Notes:** Permission of the Department chairperson. Credits: 3

SED 4751 - 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. Credits: 3

SED 4780 - Studies in Education.
(3-0-3) On Demand. Problems in education, student activities, curriculum, guidance, and evaluation. Each student is assigned an individual problem. **Prerequisites & Notes:** Eight semester hours in education and psychology. Credits: 3

SED 4790 - Studies in Education.
(2-0-2) On Demand. Problems in education, student activities, curriculum, guidance, and evaluation. Each student is assigned an individual problem. **Prerequisites & Notes:** Eight semester hours in education and psychology. Credits: 2

SED 4800 - Studies in Education.
(1-0-1) On Demand. Problems in education, student activities, curriculum, guidance, and evaluation. Each student is assigned an individual problem. **Prerequisites & Notes:** Eight semester hours in education and psychology. Credits: 1

SED 4850 - 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. **Prerequisites & Notes:** SED 4751, approval by the department chairperson and acceptance by a cooperating adult education organization. Credits: 4

SENIOR SEMINAR (EIU)

EIU 4100G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4101G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4102G - 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 Applied Engineering and Technology and Career and Technical Education with a Technology Education emphasis are excluded. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4103G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4104G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4105G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4106G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4107G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4108G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4109G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4110G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4111G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4112G - 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 Applied Engineering and Technology are excluded. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4113G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4115G - Pop Culture Economics.
(3-0-3) A study of the ways in which the stories told in popular music, movies, and television programs demonstrate the important role that economics plays in individuals' lives. Students will explore how individuals, firms, governments, and society make decisions in attempts to achieve the greatest level of well-being possible in a world of limited resources. Economics majors are excluded. WI **Prerequisites & Notes:** Completion of 75 hours. Course may not be repeated. Credits: 3

EIU 4118G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4121G - 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 Kinesiology & Sports Studies majors are excluded. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4123G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4125G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4126G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4128G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4129G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4131G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4142G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4151G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4155G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4157G - 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. WI **Prerequisites & Notes:** Completion of 75 hours; Majors in Communication Disorders & Sciences are excluded. Credits: 3

EIU 4158G - Freedom of Expression.
(3-0-3) Examination of history, philosophy, theory, legal rights, and ethical responsibilities regarding freedom of 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, sexual orientation, race and other diverse issues. WI **Prerequisites & Notes:** Completion of 75 semester hours. Journalism majors are excluded. Credits: 3

EIU 4160G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4161G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4162G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4165G - Journalistic Media in Society.
(3-0-3) On Demand. This course examines the relationship between journalistic media and social, cultural, political, economic, and technological systems. The course discusses the function of journalistic media in the context of the media's major societal roles. Journalism majors are excluded. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4167G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4168G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4169G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4170G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4171G - Comics, Manga, and Graphic Novels: A History of Graphic Narratives.
(3-0-3) F. An international 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. Art Majors are excluded. WI **Prerequisites & Notes:** Completed 75 credit hours. Credits: 3

EIU 4172G - Communication, Organizations and their Environments.
(3-2-3) S, Su. This course explores contemporary communication issues in organizations and how they (re)create themselves and their environment(s). Through an in-depth case study and a significant off-campus field experience students will conduct original research. Majors in Communication Studies are excluded. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4173G - Environmental Communication.
(3-0-3) On Demand. This course investigates environmental communication, focusing on persuasive efforts by institutions, corporations, movement leaders, scientific experts, politicians and citizens to describe, persuade, and shape human interactions with the environment. Majors in Communication Studies are excluded. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 3

EIU 4190G - 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. WI **Prerequisites & Notes:** 75 semester hours completed and admission to University Honors College. Credits: 4

EIU 4191G - 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. WI **Prerequisites & Notes:** Completion of 75 hours. Admission to the University Honors College. Recreation Administration and Kinesiology & Sports Studies majors are excluded. Credits: 4

EIU 4192G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Credits: 4

EIU 4193G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Admission to University Honors College. Credits: 4

EIU 4194G - 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. WI **Prerequisites &**

Notes: Completion of 75 semester hours. Admission to the University Honors College. Credits: 4

EIU 4195G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Admission to University Honors College. Credits: 4

EIU 4197G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours. Admission to University Honors College. Journalism majors are excluded. Credits: 4

EIU 4198G - Mischievous Molds, Honors.
(4-0-4) S, Su. An introduction to fungi and their role in nature and in shaping past and present civilizations. Emphasis on the historical, economic, social and practical significance of fungi as decomposers of organic matter, as pathogens of plants and animals, as food and as sources of mind-altering chemicals. WI **Prerequisites & Notes:** Completion of 75 semester hours and admission to the University Honors College. Biological Sciences majors are excluded. Credits: 4

EIU 4199G - 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 Credits: 4

EIU 4290G - 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. WI **Prerequisites & Notes:** Completion of 75 semester hours and admission to University Honors College. Credits: 4

EIU 4291G - Pop Culture Economics, Honors
(4-0-4) A study of the ways in which the stories told in popular music, movies, and television programs demonstrate the important role that economics plays in individuals' lives. Students will explore how individuals, firms, governments, and society make decisions in attempts to achieve the greatest level of well-being possible in a world of limited resources. WI **Prerequisites & Notes:** Completion of 75 hours and admission to University Honors College. Majors in economics are excluded. Credits: 4

SOCIAL SCIENCE (SOS)

SOS 3400 - 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. **Prerequisites & Notes:** SED 3330 and EDP 3331; for ISEP students, SED 3000 and SED 3100; for Middle Level Education majors, MLE 3110. For students under catalogs prior to fall 2008, a major grade point average of 2.75 and a cumulative grade point average of 2.75; for students under catalogs from fall 2008 and later, a 3.00 major grade point average and a 2.75 cumulative grade point average. Credits: 3

SOCIOLOGY (SOC)

SOC 1838G - Introductory Sociology.
(3-0-3) 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. Credits: 3

SOC 2000 - Sociology Professional Seminar.
(1-0-1) F, S. (Credit/No Credit) This seminar is designed to familiarize departmental majors and minors to the field in general and opportunities and challenges both in continued education and in the labor force. **Prerequisites & Notes:** SOC 1838G. Course may not be repeated. Credits: 1

SOC 2721 - 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. **Prerequisites & Notes:** SOC 1838G. Credits: 3

SOC 2750G - Social Problems in Contemporary Society.
(3-0-3) On Demand. 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 Credits: 3

SOC 2761 - Introduction to Criminology.
This course provides an overview of the field of criminology. Students will be introduced to the various ways crime can be defined and measured, the relationship between crime and inequality, the major sociological/criminological theories that explain criminal behavior, and the types of crimes that pose threats to society and how we respond to those threats. CRJ 912 **Prerequisites & Notes:** SOC 1838G. Credits: 3

SOC 2780 - 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 Credits: 3

SOC 2820 - 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. **Prerequisites & Notes:** Course may not be repeated. Credits: 3

SOC 2830 - 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 Credits: 3

SOC 2840 - 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. SOC 913 **Prerequisites & Notes:** SOC 1838G. Credits: 3

SOC 2890G - 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. S7 901 WI **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

SOC 3000 - 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. Credits: 3

SOC 3050 - Sociological Theory.
(3-0-3) F, S. A study of sociological theory from the classical founders through contemporary dialogue in the discipline. Special focus will be placed on major systems of sociological thought, primary contributors to the field, and possible applications of sociological theory to social phenomena. **Prerequisites & Notes:** SOC 1838G. Course may not be repeated. Credits: 3

SOC 3100 - 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. Credits: 3

SOC 3290 - 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. WI **Prerequisites & Notes:** SOC 1838G. Course may not be repeated. Course restricted to Honors Sociology majors. Equivalent course: SOC 3050. Credits: 3

SOC 3420 - Sociology of Popular Culture.
(3-0-3) On Demand. This course examines sociological issues in the study of American popular culture such as the production, distribution and reception of popular culture, how culture is influenced by race, ethnicity, class, gender, sexuality, and other systems of stratification, and how these influences are reflected in various mass media outlets. **Prerequisites & Notes:** SOC 1838G or permission of the instructor. Course may not be repeated. Credits: 3

SOC 3600 - Introduction to Social Work.
(3-0-3) F, S. A survey of principles, techniques, and fields of social work. SW911 **Prerequisites & Notes:** SOC 1838G. Credits: 3

SOC 3620 - 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. WI **Prerequisites & Notes:** SOC 1838G. Credits: 3

SOC 3622 - Population.
(3-0-3) F. A descriptive and theoretical analysis of the dynamics of population with emphasis on population trends. **Prerequisites & Notes:** SOC 1838G. Credits: 3

SOC 3630 - 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. **Prerequisites & Notes:** SOC 3620. Credits: 4

SOC 3650 - 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. **Prerequisites & Notes:** SOC 1838G. Credits: 3

SOC 3660 - 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. **Prerequisites & Notes:** SOC 1838G. Credits: 3

SOC 3691 - 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. **Prerequisites & Notes:** SOC 1838G. Course may not be repeated. Course restricted to Honors Sociology majors. Equivalent Course: SOC 3630. Credits: 4

SOC 3692 - 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. WI **Prerequisites & Notes:** SOC 1838G. Course may not be repeated. Course restricted to Honors Sociology majors. Equivalent Course: SOC 3620. Credits: 3

SOC 3750 - 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. **Prerequisites & Notes:** SOC 1838G. Credits: 3

SOC 3770 - 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. **Prerequisites & Notes:** SOC 1838G, 2761 or permission of the instructor. Credits: 3

SOC 3780 - Policing Society: A Sociological Analysis.
(3-0-3) On Demand. 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. **Prerequisites & Notes:** SOC 1838G and SOC 2761. Technology-delivered sections of this course are restricted to students in EIU programs that are exclusively online or off-campus. Credits: 3

SOC 3820 - 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. **Prerequisites & Notes:** SOC 1838G or permission of the instructor. Credits: 3

SOC 3900 - 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. **Prerequisites & Notes:** SOC 1838G or permission of the instructor. Credits: 3

SOC 3903 - 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 Credits: 3

SOC 3960* - Special Topics in Sociology.
(Arr.-0-1 to 3) On Demand. Specific areas within the discipline of sociology will be given intensive study through lectures, readings, reports, papers, and discussion. The topic will be announced in advance by the department chairperson. Each lettered course may not be repeated. Different topics may be taken, but no more than 6

hours may be applied as sociology elective credit. **Prerequisites & Notes:** SOC 1838G.
*Course Numbers: SOC 3960A, B, D-F, H-M, O-R, T-Z Credits: 1 to 3

SOC 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Credits: 1 to 15

SOC 4000 - Sociology of Work and Occupations.
(3-0-3) 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 the efforts to cope with them. **Prerequisites & Notes:** SOC 1838G. Credits: 3

SOC 4010 - 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. **Prerequisites & Notes:** Junior-senior standing; minimum of 12 hours of sociology course work, including SOC 1838G (or permission of the instructor). Credits: 3

SOC 4240 - 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. **Prerequisites & Notes:** SOC 1838G or permission of the instructor. Credits: 3

SOC 42751 - Internship in Sociology I.
(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. May not be repeated. **Prerequisites & Notes:** 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. Credits: 1 to 12

SOC 42752 - Internship in Sociology II.
(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. May not be repeated. **Prerequisites & Notes:** 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. Credits: 1 to 12

SOC 42753 - Internship in Sociology III.
(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. May not be repeated. **Prerequisites & Notes:** 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. Credits: 1 to 12

SOC 42754 - Internship in Sociology IV.
(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. May not be repeated. **Prerequisites & Notes:** 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. Credits: 1 to 12

SOC 42755 - Internship in Sociology V.
(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. May not be repeated. **Prerequisites & Notes:** 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. Credits: 1 to 12

SOC 44001 - Independent Study I.
(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. May not be repeated. Independent Study courses may be taken to a maximum of 6 hours. **Prerequisites & Notes:** Fifteen semester hours of sociology and a cumulative GPA of 3.0 or better or permission of instructor. Credits: 1 to 3

SOC 44002 - Independent Study II.
(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. May not be repeated. Independent Study courses may be taken to a maximum of 6 hours. **Prerequisites & Notes:** Fifteen semester hours of sociology and a cumulative GPA of 3.0 or better or permission of instructor. Credits: 1 to 3

SOC 44003 - Independent Study III.
(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. May not be repeated. Independent Study courses may be taken to a maximum of 6 hours. **Prerequisites & Notes:** Fifteen semester hours of sociology and a cumulative GPA of 3.0 or better or permission of instructor. Credits: 1 to 3

SOC 44004 - Independent Study IV.
(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. May not be repeated. Independent Study courses may be taken to a maximum of 6 hours. **Prerequisites & Notes:** Fifteen semester hours of sociology and a cumulative GPA of 3.0 or better or permission of instructor. Credits: 1 to 3

SOC 44005 - Independent Study V.
(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. May not be repeated. Independent Study courses may be taken to a maximum of 6 hours. **Prerequisites & Notes:** Fifteen semester hours of sociology and a cumulative GPA of 3.0 or better or permission of instructor. Credits: 1 to 3

SOC 44006 - Independent Study VI.
(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. May not be repeated. Independent Study courses may be taken to a maximum of 6 hours. **Prerequisites & Notes:** Fifteen semester hours of sociology and a cumulative GPA of 3.0 or better or permission of instructor. Credits: 1 to 3

SOC 4444 - 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. WI **Prerequisites & Notes:** 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 courses: SOC 44001, 44002, 44003, 44004, 44005, or 44006. Credits: 1 to 3

SOC 4555 - 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. WI **Prerequisites & Notes:** 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 3050 or SOC 3620 or SOC 3630), and completion of a total minimum of 18 hours of sociology. Course may not be repeated. Course restricted to Sociology majors. Credits: 3

SOC 4644 - 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. WI **Prerequisites & Notes:** 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 3050 or SOC 3620 or SOC 3630), and completion of a total minimum of 30 hours of sociology. Course may not be repeated. Course restricted to Sociology majors. Credits: 3

SOC 4700 - Dynamics of Collective Behavior.
(3-0-3) S. Analysis of transitory phenomena, including publics, audiences, crowds, mobs, riots, and social movements. **Prerequisites & Notes:** SOC 1838G. Credits: 3

SOC 4720 - Sociology of Social Movements.
(3-0-3) S. This course surveys sociological approaches to the study of social movements. Topics include mobilization and recruitment, organization and tactics, identity and ideology, as well as the historical context in which social movement activism takes place. Case studies of specific movements will be presented. **Prerequisites & Notes:** SOC 1838G or permission of instructor. Course may not be repeated. Credits: 3

SOC 4750 - Sociological Analysis of Juvenile Delinquency.
(3-0-3) S. Advanced study of theories of etiology, treatment and prevention. **Prerequisites & Notes:** SOC 1838G, 2761 or permission of the instructor. Credits: 3

SOC 4790 - The Correctional Process: A Sociological Analysis.
(3-0-3) On Demand. 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. **Prerequisites & Notes:** SOC 1838G and SOC 2761. Technology-delivered sections of the course are restricted to students in EIU programs that are exclusively online or off-campus. Credits: 3

SOC 4800 - 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. **Prerequisites & Notes:** SOC 1838G or permission of instructor. Credits: 3

SOC 4820 - 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. **Prerequisites & Notes:** SOC 1838G or permission of the instructor. Credits: 3

SOC 4900 - Current Issues in Sociology.
(3-0-3) F, S. Analysis of selected current social problems. Restricted to majors in Sociology and Social Science. **Prerequisites & Notes:** SOC 3050, 3620, and 3630; sociology core GPA of 2.00; senior standing except with permission of the instructor. Credits: 3

SPECIAL EDUCATION (SPE)

SPE 2000 - 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. Credits: 2

SPE 3000 - 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. **Prerequisites & Notes:** SPE 2000. Credits: 3

SPE 3100 - 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. **Prerequisites & Notes:** Pre-requisite(s): SPE 2000 and SPE 3000 or concurrent enrollment. Required of all Special Education majors completing SPE 3200, Fall 2002 or after. Credits: 3

SPE 3200 - 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. WI **Prerequisites & Notes:** 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. Credits: 4

SPE 3201 - 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.

Prerequisites & Notes: SPE 3200 or concurrent enrollment. Department requirements for enrollment must be met. Credits: 3

SPE 3220 - 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. **Prerequisites & Notes:** or Co-requisite: SPE 3000. Department requirements for enrollment must be met. Credits: 3

SPE 3250 - 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. **Prerequisites & Notes:** This course must be taken concurrently or subsequent to SPE 3200. Limited to practicing teachers seeking Special Education licensure. Credits: 1

SPE 3260 - 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. **Prerequisites & Notes:** This course must be taken concurrently or subsequent to SPE 3200. Limited to practicing teachers seeking Special Education licensure. Credits: 1

SPE 3270 - 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. **Prerequisites & Notes:** This course must be taken concurrently or subsequent to SPE 3200. Limited to practicing teachers seeking Special Education licensure. Credits: 1

SPE 3500 - 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. **Prerequisites & Notes:** Junior standing. "University Admission to Teacher Education" requirements apply. Credits: 3

SPE 3600 - 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. WI **Prerequisites & Notes:** SPE 2000 and 3000 or concurrent enrollment in 3000. Credits: 3

SPE 3700 - 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. **Prerequisites & Notes:** SPE 2000, 3000, and 3100 or concurrent enrollment. Credits: 3

SPE 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Credits: 1 to 15

SPE 4444 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

SPE 4530 - 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. **Prerequisites & Notes:** SPE 3000 and CDS 2200. Permission of the department chairperson required for non-majors. Credits: 3

SPE 4600 - 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. **Prerequisites & Notes:** Permission of the department chairperson required for non-majors. Credits: 3

SPE 4644 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

SPE 4666 - Honors Seminar.
(Arr.-Arr.-3) Areas of investigation which require integration of special education and research will be treated. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

SPE 4700 - 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. **Prerequisites & Notes:** SPE 2000, 3000, 3200 and 3201. Credits: 3

SPE 4720 - 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. **Prerequisites & Notes:** SPE 3000 and 3220 or permission of the Department Chairperson. Co-requisite: SPE 4820 or permission of the Department Chairperson. Credits: 3

SPE 4730 - 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. **Prerequisites & Notes:** SPE 3000, 3200 and 3201; SPE 4700 must be taken prior to or concurrently with this course. Credits: 3

SPE 4741 - Independent Study.
(Arr.-Arr.-1-3) Study of a topic selected by the candidate subject to approval of the Department Chairperson. May be repeated once for a total of six semester hours of credit. **Prerequisites & Notes:** Permission of the Department Chairperson. Credits: 1 to 3

SPE 4765 - 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. **Prerequisites & Notes:** SPE 2000 and 3000 and permission of department chairperson. Credits: 3

SPE 4800 - 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. WI **Prerequisites & Notes:** SPE 3000, 3200, 3201; 4700 must be taken prior to or concurrently with this course. Credits: 4

SPE 4820 - 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. **Prerequisites & Notes:** SPE 3000 and 3220 or permission of the department chairperson. Corequisite: SPE 4720 or permission of the department chairperson. University Teacher Education requirements apply and department requirements for enrollment must be met. Credits: 3

SPE 4900 - 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. **Prerequisites & Notes:** SPE 4800. University Teacher Education requirements apply and department requirements for enrollment must be met. Credits: 6

SPE 4901 - 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. WI **Prerequisites & Notes:** SPE 4800. University Teacher Education requirements apply and department requirements for enrollment must be met. Concurrent enrollment in SPE 4900 required. Credits: 4

SPE 4920 - 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. **Prerequisites & Notes:** SPE 4720 and 4820. University Teacher Education requirements apply and department requirements for enrollment must be met. Credits: 3

SPE 4925 - 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. **Prerequisites & Notes:** SPE 3000, 3220, and CDS 2200, or permission of the Department Chairperson. Credits: 3

STRATEGIES FOR ACADEMIC SUCCESS (EIU)

EIU 2919 - Strategies for Academic Success.
(1-0-1) F, S. Enrollment required of student placed on academic warning for the first time. Topics will include self-assessment, goal-setting, time management, study skills, learning styles and motivation. Does not count toward graduation. Credits: 1

STUDENT LEADERSHIP (STL)

STL 3000 - 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. Credits: 2

STUDENT TEACHING (STG)

STG 4000 - 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. Credits: 1

STG 4001 - 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. Credits: 12-16

STUDY ABROAD (STA)

STA 3960 - Study Abroad: Exchange.
(Arr.-Arr.-1-16) Enrollment in an international exchange program. Students pay tuition to EIU. Approval from the Office of Study Abroad is required. Credits: 1 to 16

STA 3961 - Study Abroad: One-Way.
(Arr.-Arr.-1-16) Enrollment in an international one-way program. Approval from the Office of Study Abroad is required. Credits: 1 to 16

STA 3970 - 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. Credits: 1 to 16

STA 3990 - 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. Credits: 1 to 16

STA 4000G - Study Abroad Capstone.
(1-0-1) Students will exercise their abilities to think critically about their global education experiences. They will develop, summarize, and synthesize their individualized experience through readings, assignments, a reflective piece for the Electronic Writing Portfolio, an individualized project, and a presentation. WI **Prerequisites & Notes:** Must have completed an approved study abroad program and 75 semester hours. Credits: 1

STA 4275 - Study Abroad: Internship.
(Arr.-Arr.-1-16) Enrollment in an international internship program for credit. Approval from the Office of Study Abroad is required. Credits: 1 to 16

THEATRE ARTS (THA)

THA 1133 - 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 Credits: 3

THA 1134 - 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 Credits: 2

THA 1144 - 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. Credits: 3

THA 2000 - 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. **Prerequisites & Notes:** Repeatable once for a maximum of two hours' credit. Credits: 1

THA 2001 - 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. **Prerequisites & Notes:** THA 2210 or permission of the instructor. Credits: 1

THA 2002 - 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. **Prerequisites & Notes:** THA 2211 or permission of the instructor. Credits: 1

THA 2003 - 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. **Prerequisites & Notes:** THA 2001. Credits: 1

THA 2004 - 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. **Prerequisites & Notes:** THA 2002 or permission of the instructor. Repeatable once for a maximum of two hours' credit. Credits: 1

THA 2005 - 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 Credits: 3

THA 2010G - 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 Credits: 3

THA 2012G - 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 Credits: 3

THA 2140G - 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 Credits: 3

THA 2190G - 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. F1 907 WI **Prerequisites & Notes:** Admission to the University Honors College. Credits: 3

THA 2210 - 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 Credits: 3

THA 2211 - 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 Credits: 3

THA 2220 - Theatre Seminar I.
(1-1-1) F. 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. Credits: 1

THA 2244 - 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 Credits: 3

THA 2257 - 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. **Prerequisites & Notes:** THA 2110, 2211, or permission of the instructor. Credits: 3

THA 2258 - 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. H3 902 WI **Prerequisites & Notes:** ENG 1001G and ENG 1002G. Credits: 3

THA 2281 - 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. Credits: 3 to 6

THA 2282 - 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. Credits: 3 to 6

THA 30001 - Hands-On Theatre: Advanced Performance I.
(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. **Prerequisites & Notes:** THA 2000, and either THA 1144 or THA 2244, or permission of instructor. Credits: 1

THA 30002 - Hands-On Theatre: Advanced Performance II.
(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. **Prerequisites & Notes:** THA 2000, and either THA 1144 or THA 2244, or permission of instructor. Credits: 1

THA 30003 - Hands-On Theatre: Advanced Performance III.
(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. **Prerequisites & Notes:** THA 2000, and either THA 1144 or THA 2244, or permission of instructor. Credits: 1

THA 30004 - Hands-On Theatre: Advanced Performance IV.
(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. **Prerequisites & Notes:** THA 2000, and either THA 1144 or THA 2244, or permission of instructor. Credits: 1

THA 30011 - Hands-On Theatre: Advanced Costuming I.
(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. **Prerequisites & Notes:** THA 2001, or permission of the instructor. Credits: 1

THA 30012 - Hands-On Theatre: Advanced Costuming II.
(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. **Prerequisites & Notes:** THA 2001, or permission of the instructor. Credits: 1

THA 30013 - Hands-On Theatre: Advanced Costuming III.
(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. **Prerequisites & Notes:** THA 2001, or permission of the instructor. Credits: 1

THA 30014 - Hands-On Theatre: Advanced Costuming IV.
(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. **Prerequisites & Notes:** THA 2001, or permission of the instructor. Credits: 1

THA 30021 - Hands-On Theatre: Advanced Scenic/Lighting I.
(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. **Prerequisites & Notes:** THA 2002 or permission of the instructor. Credits: 1

THA 30022 - Hands-On Theatre: Advanced Scenic/Lighting II.
(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. **Prerequisites & Notes:** THA 2002 or permission of the instructor. Credits: 1

THA 30023 - Hands-On Theatre: Advanced Scenic/Lighting III.
(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. **Prerequisites & Notes:** THA 2002 or permission of the instructor. Credits: 1

THA 30024 - Hands-On Theatre: Advanced Scenic/Lighting IV.
(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. **Prerequisites & Notes:** THA 2002 or permission of the instructor. Credits: 1

THA 3220 - Theatre Seminar II.
(1-1-1) S. An advanced seminar that focuses on final evaluation of the Theatre Arts majors with Junior/Senior standing or permission of the Department Chair. **Prerequisites & Notes:** THA 1133, 1134, 2210, 2211, 2220, 2244, 2257 and 2258 or with permission of the Department Chair. Credits: 1

THA 3257 - 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.

Prerequisites & Notes: THA 2210, 2211, 2257 or permission of the instructor. Credits: 3

THA 3333 - 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. **Prerequisites & Notes:** THA 1133, 2258, or permission of the instructor. Credits: 3

THA 3334 - 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. **Prerequisites & Notes:** THA 1134 or permission of instructor. Credits: 2

THA 3344 - Scene & 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. **Prerequisites & Notes:** THA 1134, 2244, 2258, or permission of the instructor. Credits: 3

THA 33451 - Topics in Acting I.
(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 Absurdists. **Prerequisites & Notes:** THA 1133, 1134, 2244, 2258, or permission of the instructor. Credits: 3

THA 33452 - Topics in Acting II.
(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 Absurdists. **Prerequisites & Notes:** THA 1133, 1134, 2244, 2258, or permission of the instructor. Credits: 3

THA 33453 - Topics in Acting III.
(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 Absurdists. **Prerequisites & Notes:** THA 1133, 1134, 2244, 2258, or permission of the instructor. Credits: 3

THA 3346 - 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. **Prerequisites & Notes:** THA 2244, 2258, or 3334 or permission of instructor. Credits: 3

THA 33471 - Topics in Theatre Movement I
(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. **Prerequisites & Notes:** THA 1134 or permission of the instructor. Credits: 3

THA 33472 - Topics in Theatre Movement II.
(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. **Prerequisites & Notes:** THA 1134 or permission of the instructor. Credits: 3

THA 33473 - Topics in Theatre Movement III.
(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. **Prerequisites & Notes:** THA 1134 or permission of the instructor. Credits: 3

THA 3348 - 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. **Prerequisites & Notes:** THA 1134, 2244, 2258 or permission of the instructor. Credits: 3

THA 3357 - 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. **Prerequisites & Notes:** THA 2257 or permission of the instructor. Credits: 3

THA 3358 - 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. **Prerequisites & Notes:** THA 2257 or permission of the instructor. Credits: 3

THA 3360 - Stage Lighting.
(3-3-3) S-odd-numbered years. Explores basic skills and techniques in lighting theatrical productions. **Prerequisites & Notes:** THA 2257, 3257, or permission of the instructor. Credits: 3

THA 33611 - Theatre Production Topics I.
(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. **Prerequisites & Notes:** THA 2005, 2210, 2211, 2257 and 2258 or permission of the instructor. Credits: 3

THA 33612 - Theatre Production Topics II.
(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. **Prerequisites & Notes:** THA 2005, 2210, 2211, 2257 and 2258 or permission of the instructor. Credits: 3

THA 33613 - Theatre Production Topics III.
(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. **Prerequisites & Notes:** THA 2005, 2210, 2211, 2257 and 2258 or permission of the instructor. Credits: 3

THA 3400 - Methods of Teaching Theatre in the Secondary School.
(3-0-3) S-odd-numbered years. 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. **Prerequisites & Notes:** THA 1133, 2210, 2211, 1144 or 2244 and 2258. Credits: 3

THA 3431 - 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. **Prerequisites & Notes:** May be taken twice for credit. Credits: 3

THA 3432 - Creative Dramatics for the Classroom Teacher.
(3-0-3) S-even-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. **Prerequisites & Notes:** ENG 1002G. Credits: 3

THA 3434 - 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). **Prerequisites & Notes:** THA 2210, 2211, 2220, 2257, 2258 or permission of instructor. Credits: 3

THA 3445 - Directing.
(3-3-3) S. The study and actual production of the play. Central emphasis is placed on directing. **Prerequisites & Notes:** THA 2211, 2244, 2258 or permission of the instructor. Credits: 3

THA 3500 - Independent Study.
(Arr.-Arr.-1-6) Problems in theatre arts in which the student works under the supervision of a staff member. **Prerequisites & Notes:** Permission of the instructor and the Department Chair. Course is repeatable one time for a maximum of 6 credit hours. Credits: 1 to 6

THA 3751G - 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. WI **Prerequisites & Notes:** ENG 1001G and ENG 1002G. Credits: 3

THA 3752G - 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. WI **Prerequisites & Notes:** ENG 1001G and ENG 1002G. Credits: 3

THA 3753G - Development of American Theatre and Drama.
(3-0-3) F-even-numbered years. 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. WI **Prerequisites & Notes:** ENG 1001G and ENG 1002G. Credits: 3

THA 3754G - American Theatre on Film.
(3-1-3) S-even-numbered years. 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. WI **Prerequisites & Notes:** ENG 1001G and ENG 1002G. Credits: 3

THA 3755G - African-American Theatre.
(3-0-3) F-odd-numbered years. 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. WI **Prerequisites & Notes:** ENG 1001G and ENG 1002G. Credits: 3

THA 3756 - Twentieth Century Theatre.
(3-0-3) S-odd-numbered years. 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. WI **Prerequisites & Notes:** ENG 1001G, ENG 1002G, THA 3752G. Credits: 3

THA 3793G - 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. WI **Prerequisites & Notes:** Admission to the University Honors College, ENG 1091G, and ENG 1092G. Credits: 3

THA 3970 - Study Abroad.
(Arr.-Arr.-1-15) See STA 3970. Credits: 1 to 15

THA 4275 - 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. **Prerequisites & Notes:** THA arts major, senior level, approval of the Department Chair. Credits: 1 to 6

THA 4400 - Advanced Directing Studies.
(3-3-3) On Demand. Special problems in directing. Each student will be required to direct and produce a production for public performance. **Prerequisites & Notes:** THA 2211, 2244, 2257, and 3445. Repeatable once with permission for a maximum of six hours credit. Credits: 3

THA 4444 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

THA 45501 - Advanced Design Studies I.
(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. **Prerequisites & Notes:** Permission of the instructor and the Department Chair plus completion of one design course. Credits: 3

THA 45502 - Advanced Design Studies II.
(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. **Prerequisites & Notes:** Permission of the instructor and the Department Chair plus completion of one design course. Credits: 3

THA 45503 - Advanced Design Studies III.
(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. **Prerequisites & Notes:** Permission of the instructor and the Department Chair plus completion of one design course. Credits: 3

THA 4555 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

THA 4644 - 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. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. May be taken twice for credit. Credits: 3

THA 4666 - Honors Seminar.
(3-0-3) Areas of investigation which require integration of Theatre Arts activities and research will be treated. **Prerequisites & Notes:** Admission to the Departmental Honors Program and permission of the Departmental Honors Coordinator. Credits: 3

THA 4810 - 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 Department 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. Credits: 3 to 6

THA 4811 - Summer Theatre: Tech.
(Arr.-Arr.-3-6) Su. Practical, comprehensive experiences in technical theatre. May substitute, with permission of the instructor(s) and the Department 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. Credits: 3 to 6

THA 4812 - Summer Theatre: Directing.
(Arr.-Arr.-3-6) Su. Practical, comprehensive experiences in theatrical directing. May substitute, with permission of the instructor(s) and the Department Chair, for 4400. Contact the Theatre Arts Department for details concerning auditions and interviews. Credits: 3 to 6

THA 4834 - 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. **Prerequisites & Notes:** Graduate or senior standing or permission of the instructor. Credits: 3

UNIVERSITY FOUNDATIONS (EIU)

EIU 1111 - 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. **Prerequisites & Notes:** First-year student standing (fewer than 30 semester hours of earned credit). Course may not be repeated regardless of the grade the student originally earned in it. Credits: 2

WOMEN'S STUDIES (WST)

WST 2309G - 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 Credits: 3

WST 3309 - 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. **Prerequisites & Notes:** Satisfactory completion of nine semester hours in Women's Studies courses; permission of the Women's Studies Minor Coordinator. Credits: 1 to 3

WST 4000 - 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. **Prerequisites & Notes:** Permission of the Women's Studies Minor Coordinator and the faculty member teaching the course. May be taken twice with permission. Credits: 1 to 3

WST 4275 - Internship.
(Arr.-Arr.-1-12) On Demand. (Credit/No Credit) 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. **Prerequisites & Notes:** 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. Credits: 1 to 12

WST 4309 - 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. **Prerequisites & Notes:** Nine semester hours in Women's Studies or permission of the Women's Studies Minor Coordinator. Credits: 3

WST 4800 - 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 & Notes:** Women's Studies 2309 or permission of the instructor or Coordinator of Women's Studies Program. Credits: 3

WST 4845 - 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 Credits: 3

If You Would Like Information About EIU

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
College of Education & Professional Studies - (217) 581-2524
College of Sciences - (217) 581-5822
College of Arts & Humanities - (217) 581-5221
Lumpkin College of Business & Applied Sciences - (217) 581-6902
Bachelor of General Studies Degree Program - (217) 581-5618
Graduate School - (217) 581-5937

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 Student Disability Services - (217) 581-6583

Education Abroad
Office of Education Abroad (217)581-7267

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 & Enrollment Management - (217) 581-3511

Reinstatement of Former Students Dismissed for Low Scholarship
Office of the Registrar & Enrollment Management - (217) 581-3511

Scholarships
Office of Financial Aid - (217) 581-6405

Student Employment
Office of Financial Aid - (217) 581-3712

Student Health Insurance
Office of Financial Aid - (217) 581-5290

Student Loans
Office 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 & Enrollment Management - (217) 581-3511

Transfer Credit
Office of the Registrar & Enrollment Management - (217) 581-3511

Workshops
School of Continuing Education - (217) 581-5114

Admissions Office
877-581-2348
(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.

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