

Graduate & Undergraduate

CATALOG 2010-12



EASTERN CONNECTICUT STATE UNIVERSITY

CONNECTICUT STATE UNIVERSITY SYSTEM

The Connecticut State University System is an accredited system of four public universities located throughout the state

Central Connecticut State University – *New Britain*
Eastern Connecticut State University – *Willimantic*
Southern Connecticut State University – *New Haven*
Western Connecticut State University – *Danbury*

Each of the four CSU universities began as a school for teacher preparation. Over the years, these schools evolved from normal schools to teachers' colleges to multipurpose colleges and, in 1983, to state universities.

Together, the four CSU campuses offer more than 150 liberal arts and sciences and professional programs offering both full-and part-time study.

CSU graduates work in leading firms, industries, schools and hospitals across the state; they go on to top graduate, medical and professional schools across the nation.

The CSU System is governed by an 18-member Board of Trustees, 14 of whom are appointed by the Governor, and four students elected to the Board by their classmates. The Chancellor of the CSU System is responsible for the administration of the system. Each campus operates with a considerable amount of autonomy and functions under the leadership of a president.

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Connecticut State University • 39 Woodland Street • Hartford • CT • 06105-2337



UNDERGRADUATE & GRADUATE

Catalog

2010-12

EASTERN CONNECTICUT STATE UNIVERSITY

Mission

Within the Connecticut State University System, Eastern Connecticut State University is the state's designated public liberal arts college.

As a predominantly undergraduate institution, Eastern attracts and welcomes a diverse community of learners, supported by a teaching faculty, staff, administrators, and a residential campus, all of which promote intellectual curiosity, integrity and social responsibility.

Eastern's commitment to a liberal arts education is exemplified in its Liberal Arts Core Curriculum, a sequenced, interdisciplinary program that all students share, independent of their majors and career aspirations.

In its role as a public university, Eastern develop students who can become productive, engaged community leaders. Eastern also serves as a social, cultural, and economic catalyst for the region and the state of Connecticut.

Vision Statement

Aspiring to be a public liberal arts college of first choice, Eastern Connecticut State University will create an unparalleled college experience for its students and achieve national distinction for its academic programs. Eastern's faculty, students and staff will enhance the University's position as an intellectual community, acknowledged for its engaged teaching, learning, research and creative work. Advancing its position as a model for social responsibility, environmental stewardship, and educational access, the University will be recognized as a resource that is responsive to the needs of the region and the state.

CORE VALUES

As members of a learning and teaching community committed to academic excellence, we, the faculty, students, staff and administration of Eastern Connecticut State University, the state's public liberal arts institution, share this set of values:

ACADEMIC EXCELLENCE

Eastern embraces rigorous academic standards and intellectual inquiry as a benchmark for educational achievement for all of its students, faculty and staff. This expectation informs every mode of learning on campus, from individual courses and degree programs to university presentations and cultural events.

ENGAGEMENT

Members of the university community develop intellectually, creatively and socially through active and reflective learning in and outside the classroom, interdisciplinary studies, and individual and collaborative research.

INCLUSION

Eastern is committed to providing educational access while building a campus community that embraces diversity and differences, enriched by a global perspective.

INTEGRITY

Members of the university community are expected to behave ethically and honorably. Learning encompasses both intellectual and character development.

EMPOWERMENT

Eastern fosters a safe, nurturing environment that promotes intellectual curiosity, student achievement and lifelong learning. Through rigorous inquiry and personal interaction, members of the community grow confident as independent, critical thinkers.

SOCIAL RESPONSIBILITY

Social responsibility is promoted and encouraged at Eastern through serving those in need; being active in the community; protecting our natural resources; and engaging in the democratic political process and other socially responsible actions. Social responsibility includes an ethical commitment to oneself and the community at large.



President's Message

Welcome to Eastern, Connecticut's public liberal arts university. Eastern has much to offer our students — a variety of academic disciplines, a faculty committed to teaching, a vibrant campus culture, and a strong connection to the local community and the community at large.

Eastern's focus on undergraduate education in a residential setting attracts students and faculty from across the United States and around the world. Our educational programs include more than 30 majors and more than 50 minors in the arts and sciences, as well as in professional studies and education.

As Connecticut's only liberal arts college, the core of Eastern's teaching and learning environment is our liberal arts curriculum, which uses an interdisciplinary approach to develop students' analytical and research skills. Eastern students also learn ethics, teamwork and the ability to adapt to the inevitable changes occurring in today's modern world.

The University's commitment to academic excellence is evidenced by our outstanding faculty, which includes several Fulbright scholars; a past Carnegie U.S. Professor of the Year; endowed chairs; and a number of Connecticut State University System (CSUS) Distinguished Professors. A regionally recognized Honors Program and an expanded First-Year Program for all incoming freshmen provide additional opportunities for students to experience a unique liberal arts environment.

More than 60 percent of Eastern students live on campus, taking advantage of their proximity to their professors, computing resources, the library, fitness facilities and each other to maximize their time at Eastern. Resident students and commuters alike enjoy a rich campus culture that brings world-class performers and lecturers to campus on a weekly basis. Students also learn valuable leadership skills as members and officers of more than 60 student clubs and organizations.

As a public university, Eastern is committed to preparing graduates to be engaged citizens while achieving distinction in their chosen careers and making their own special contributions to society. To that end, an Eastern education is firmly grounded in real-life experiences. Students apply their classroom studies through internships, field study, Study Abroad, service learning, scholarly research and other active learning opportunities. Using the local Willimantic community as a learning laboratory, Eastern students contribute more than 25,000 hours of service a year to nonprofit organizations and local social service agencies.

I encourage you to learn more about Eastern. In addition to this catalog, you can visit our website or call for an appointment to visit our beautiful campus. We look forward to seeing you!



Elsa M. Núñez
President

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COMPLIANCE STATEMENT

Eastern Connecticut State University does not discriminate on the basis of race, color, national origin, age, sex, disability or sexual orientation in admission to, access to, treatment in, or employment in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies including a policy of prohibition against sexual harassment, as well as other issues related to civil rights compliance.

Name: Constance Belton Green

Title: Chief Diversity Officer

Eastern Connecticut State University

Address: 83 Windham Street, Willimantic, CT 06226

Inquiries concerning the application of non-discrimination policies may also be referred to the Boston Office, Office for Civil Rights, U.S. Department of Education, Thomas Hibino, McCormack Post Office and Courthouse, Room 701, Boston, MA 02109-4557.

PLURALISM STATEMENT

The Connecticut State University policy regarding racism and acts of intolerance is as follows:

Institutions within the Connecticut State University have a duty to foster tolerance. The promotion of racial, religious and ethnic pluralism within the University is the responsibility of all individuals of the University community. Every person in the University community should be treated with dignity and assured security and equality. Individuals may not exercise personal freedoms in ways that invade or violate the rights of others. Acts of violence and harassment reflecting bias or intolerance of race, religion, gender, sexual orientation, disability, and ethnic or cultural origins are unacceptable. The University shall take appropriate corrective action if such acts of violence or harassment occur.

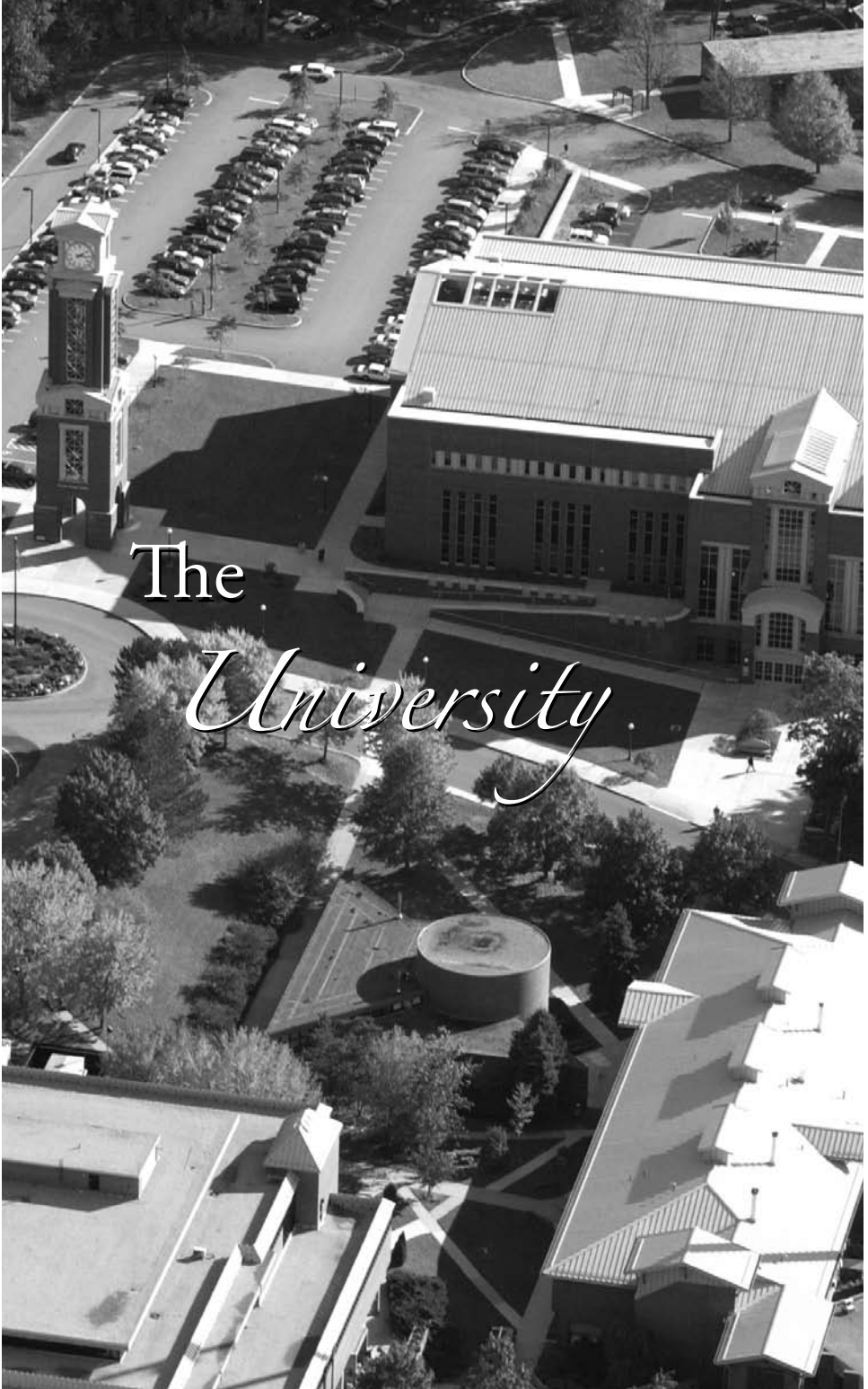
RIGHTS RESERVED STATEMENT

This catalog of Eastern Connecticut State University represents a compilation of the latest available information. It is published to serve as a guide to programs, services and regulations of the University; therefore, information contained herein supersedes that of all other Eastern Connecticut State University catalogs. Eastern Connecticut State University reserves the right to change its regulations, fees and announcements without notice whenever such action becomes necessary.

STUDENT RIGHTS UNDER EDUCATIONAL RIGHTS AND PRIVACY ACT OF 1974

Through annual dissemination of a policy and procedure statement, Eastern Connecticut State University informs students of their rights under the Family Educational Rights and Privacy Act of 1974, as amended. This Act, with which the University complies fully, protects the privacy of education records, establishes the rights of students to inspect and review their education records, and provides guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students also have the right to file complaints with The Family Educational Rights and Privacy Act Office (FERPA) concerning alleged failures by the institution to comply with the Act.

The University policy statement explains in detail the procedures to be used for compliance with the provisions of the Act. Copies of the policy can be found in the Eastern Student Handbook and at the Admissions and Registrar's Offices at the University.



The
University

The University

Eastern Connecticut State University participates fully in the mission of the Connecticut State University System. For its diverse student body, Eastern provides an education with a strong liberal arts foundation that focuses on developing the full potential of each student. Eastern offers an exemplary undergraduate liberal arts and science curriculum, with distinctive professional and master's programs that grow out of a commitment to intellectual integrity and social responsibility.

Eastern emphasizes lifelong learning in a time of social and technological change. The University serves as an important resource for meeting social, economic and cultural needs of the local and regional communities. The University is uniquely characterized by its student/faculty interaction and its campus residential atmosphere.

With an enrollment of more than 5,600 full-time and part-time students from every region of the state, 24 states and 48 foreign countries, Eastern is a diverse community of learners and provides opportunities for the pursuit of excellence at every level of academic life. This multicultural student community thrives in Eastern's residential college atmosphere while encouraging academic talent in students with varied social, ethnic and educational backgrounds. The University also serves a large percentage of non-traditional students of all ages, on a full-time or part-time basis, whose interests may include expanding careers, as well as changing or starting new careers. The educational needs of all students are met by courses taught on and off campus during the evening and weekends, as well as during the summer session and January intersession.

Eastern offers a wide range of traditional academic programs, and degrees on three academic levels: Associate of Science; Bachelor of Arts, Bachelor of Science, Bachelor of Social Work, Bachelor of General Studies; and Master of Science.

Founded in 1889, Eastern is the second oldest of the Connecticut State Universities. The campus is located in the heart of eastern Connecticut, in a residential section of Windham County. The University is midway between New York and Boston, and only a short drive to Hartford, the state's capital.

The Eastern campus, spread over 182 acres, is divided into three areas: South Campus, North Campus, and the University Baseball Complex. South Campus is the historic part of the University. Henry T. Burr and Frederick R. Noble residence halls, and George H. Shafer Hall, which houses classrooms, offices, art and music studios, the campus theater, and Shafer auditorium, are located on South Campus. North Campus, the most modern part of the University, is home to the J. Eugene Smith Library; Wickware Planetarium; Student Center; Sports Center; the Media Building, which houses the campus radio and television stations; and Charles R. Webb Hall, a classroom building which features state-of-the-art computer technology, media resources and interactive learning systems. A 174,000 square-foot science building opened in fall 2008. In addition, North Campus is home to several residence halls, including the Occum Hall apartments and the North and South Residential Villages. The Administration Building is centrally located adjacent to the Alvin B. Wood Support Services Center on North Campus.

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University Calendar 2010-12

FALL 2010

August 23	Academic Year Begins
August 30	Classes begin at 8 a.m.
September 6	Labor Day- No Classes
November 24-28	Thanksgiving recess – No classes
December 9	Classes end
December 10	Make-up/Reading Day
December 11-17	Final Exams (Day, Evening and Saturday classes)

WINTERSESSION 2011

December 18	Weeklong courses begin at 9 a.m.
December 31	Holiday Observed - New Year's Day – No classes, offices closed
January 1	Holiday New Year's Day – No classes
January 3	Traditional session begins
January 17	Holiday Martin Luther King Day – No classes, offices closed
January 19	Traditional Session ends, classes end at 9:30 p.m.

SPRING 2011

January 18	Official start of Spring semester
January 24	Classes begin at 8 a.m.
February 18	Lincoln's Birthday observed – No classes
February 19	No Saturday classes
February 21	Washington's Birthday observed – No classes
March 21–26	Spring Recess – No classes
May 12–13	Make-up/Reading days
May 14	Saturday classes end
May 16-21	Final exams (Day, Evening and Saturday classes)
May 22	Commencement

SUMMER 2009 *Continuing Education Division – Undergraduate Courses*

May 23	Weeklong Courses begin at 9 a.m.
May 23	Session A begins – Classes begin at 8 a.m.
May 30-31	Holiday - Memorial Day– No classes, offices closed
July 2	Session A ends
July 4	Holiday – Independence Day – No classes, offices closed
July 5	Session B begins – Classes begin 8 a.m.
July 25	Session C begins – Classes begin at 8 a.m.
August 11	Session C ends
August 13	Session B ends

GRADUATE DIVISION – GRADUATE COURSES

May 23	Session I begins – Classes begin at 8 a.m.
May 30-31	Holiday - Memorial Day – No classes, offices closed
June 30	Session I ends – Classes end at 10 p.m.
July 4	Holiday – Independence Day – No classes
July 5	Session II begins – Classes begin at 8 a.m.
August 11	Session II ends – Classes end at 10:00 p.m.

OTHER PROGRAMS

June 29–August 7 STEP/CAP

Academic Programs

Eastern Connecticut State University is organized into three schools: the School of Arts and Sciences, the School of Education and Professional Studies (including the Graduate Division), and the School of Continuing Education. Degree programs offered through the three schools are:

- **Master of Science**
- **Bachelor of Arts**
- **Bachelor of Science**
- **Bachelor of General Studies**
- **Associate in Science**

UNDERGRADUATE PROGRAMS

Eastern offers either the Bachelor of Arts (B.A.), Bachelor of Science (B.S.) or Bachelor of General Studies (B.G.S.) degree to students who have successfully completed a four-year program of study. The Associate Degree in Science (A.S.) is offered to students who have completed a two-year or 60-credit program of study.

Undergraduate Majors

A major is a field of study chosen by a student to acquire in-depth knowledge of a subject area.

Accounting (B.S.)	History with American Studies (B.A.)
Biochemistry (B.S.)	History and Social Sciences (B.A.)
Biology (B.A. and B.S.)	Individualized Major (B.A. and B.S.)
Business Administration (B.S.)	Labor Relations & Human Resource Management (B.S.)
Business Information Systems (B.S.)	Mathematics (B.A. and B.S.)
Communication (B.S.)	Music (B.A.)
Computer Science (B.S.)	Physical Education (B.S.)
Early Childhood Education (B.S.)	Political Science (B.A.)
Economics (B.A.)	Psychology (B.S.)
Elementary Education (B.S.)	Social Work (B.A.)
English (B.A.)	Sociology (B.A.)
English with American Studies (B.A.)	Spanish (B.A.)
Environmental Earth Science (B.S.)	Sport and Leisure Management (B.S.)
General Studies (B.G.S.)	Theatre (B.A.)
History (B.A.)	Visual Arts (B.A.)

Undergraduate Minors

A minor is an approved program of study in a different subject from the major, in which a student can concentrate

Academic Minor

Accounting	Geomorphology
Anthropology	Health
Art History	History
Astronomy Outreach & Public Presentation	Hydrogeology
Biochemistry	Management Information Systems
Biology	Mathematics
Business Administration	Music
Business Information Systems Management	Philosophy
Chemistry	Physical Education & Sport Leisure Management
Coaching	Physical Science
Communication	Physics
Computer Engineering Sciences	Political Science
Computer Science	Psychology
Criminology	Social Informatics
Digital Art and Design	Sociology
Economics	Spanish
English	Studio Art
Environmental Earth Science	Theatre
French	World Languages
Game Design	Writing
Geographic Information Systems	
Geography	

Interdisciplinary Minors

Eleven interdisciplinary minors are available:

African American/Third World Studies	Peace and Human Rights
Asian Studies	Public Health Studies
Canadian Studies	Pre-Law
Geographic Information Systems	Sustainable Energy Studies
Latin American Studies	Women's Studies
New England Studies	

Certificate Programs

Business Information Systems
Environmental Management and Policy
Horticulture
Management
Public Health
Sustainable Energy Management

Teacher Certification Programs

The teacher certification programs allow a student to meet Eastern and State of Connecticut requirements for teaching in Connecticut. Teacher Certification Programs are offered in:

Biology (7–12)	History/Social Studies (7–12)
Early Childhood Education (N–3)	Mathematics (7–12)
Earth Science (7–12)	Physical Education (Pre K–12)
Elementary Education (K–6)	
English (7–12)	

Graduate Programs

The following graduate programs are administered by the Graduate Division in the School of Education and Professional Studies:

Master of Science Degree Programs

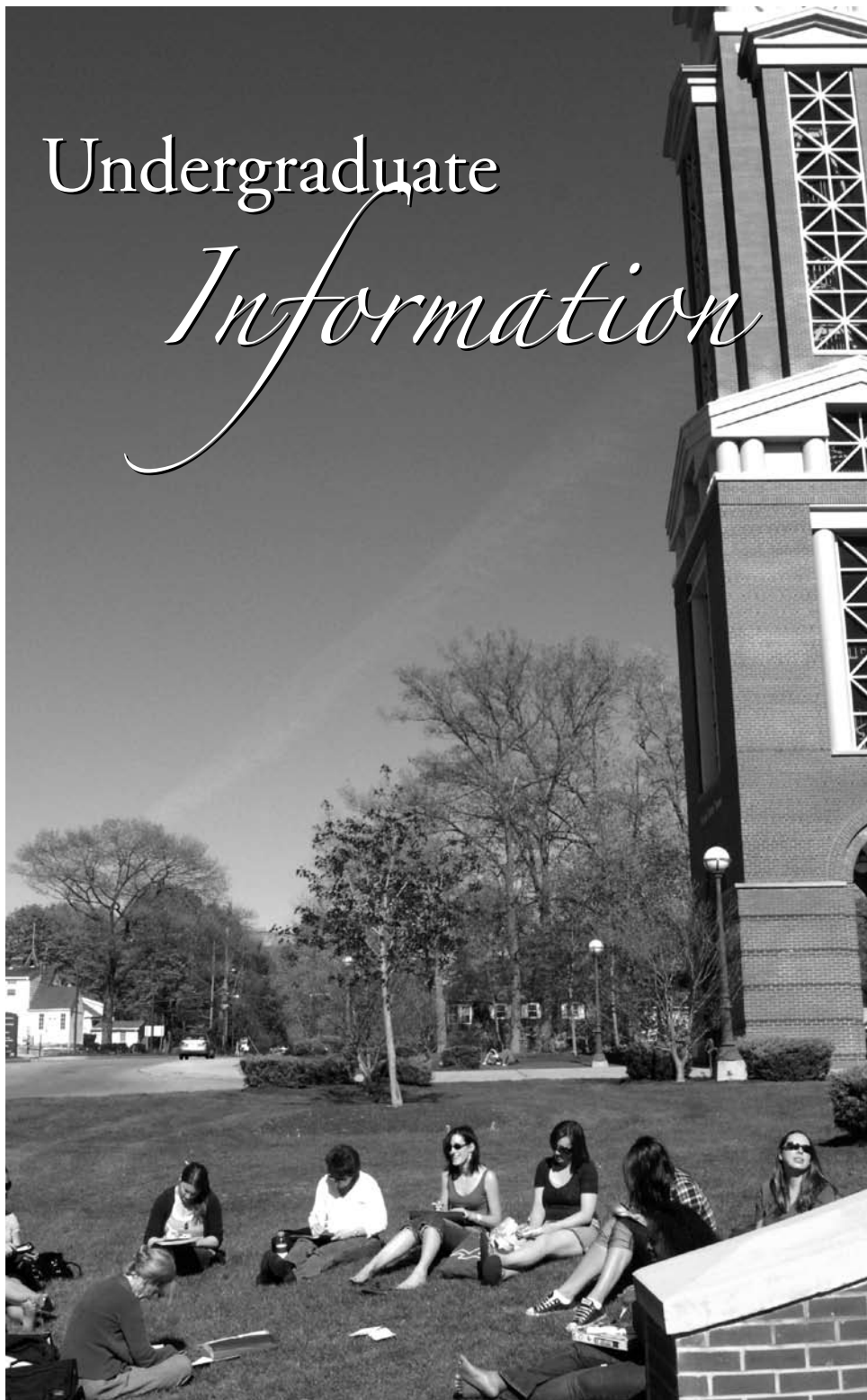
Early Childhood Education	Reading/Language Arts
Educational Technology	Science Education
Elementary Education	Secondary Education
Organizational Management	

Master of Science Degree Programs with Certification

Early Childhood Education (N–3)
Elementary Education (K–6)
Secondary Education (7–12)

Undergraduate

Information



Undergraduate Information

UNDERGRADUATE ADMISSION AND ENROLLMENT MANAGEMENT

Kimberly Crone, *Director of Admissions and Enrollment Management*

Christopher Dorsey, *Assistant to the Director of Admissions and Enrollment Management*

Angela Krok, *Associate Director of Admissions and Enrollment Management*

LaQuana Price, *Assistant Director of Admissions and Enrollment Management*

Dmitry Satsuk, *Assistant Director of Admissions and Enrollment Management*

ADMISSION TO THE UNIVERSITY

Undergraduate admission to the University is selective, based on academic performance and professional promise. The University is interested in applicants whose academic achievements, interests, and character demonstrate commitment to success. While no single characteristic is required for admission, each applicant's overall academic record is thoroughly and individually reviewed for school class standing, completion of challenging subjects, curricular levels and grade point average. Leadership, non-traditional, extra and co-curricular experiences are also considered in the decision. Although the strength of an applicant's academic record is viewed as the best measure of readiness for college, personal qualities such as maturity, intellectual curiosity, relevant experiences and motivation to succeed are important as well. The Office of Admissions reviews applications and admits students for two semesters during the academic year: Fall/September or Spring/January. All students who believe they meet the spirit and intent of the University's liberal arts mission are encouraged to apply and can be certain their applications will be given full and thorough consideration.

Admissions Procedures

Freshman applicants are encouraged to submit the application for admission and supporting requirements after completing the first marking period of their senior year.

To apply for freshman admission, students must submit the following to the Office of Admissions:

- Completed and signed application for admission.
- Non-refundable \$50 application fee.
- Official copy of secondary school transcript or GED.
- Two letters of recommendation from teachers, guidance counselors or employers.
- SAT I or ACT scores.
- Essay (up to 500 words): Applicants are asked to respond to the following: "Explain why Eastern, Connecticut's public liberal arts university, is the right college choice for you."

Interviews are requested by the Office of Admissions when additional information or clarification is needed. Although all prospective students are strongly encouraged to participate in an Admissions-sponsored information session and tour the campus, individual interviews are not required of most students who apply for admission.

Transfer applicants are encouraged to apply for admission as soon as possible. All transfer students are required to submit official copies of transcripts from all post-secondary institutions attended.

To apply for transfer admission, students must submit the following to the Office of Admissions:

- Completed and signed application for admission.
- Non-refundable \$50 application fee.
- Official copy of transcript(s) from all previously attended colleges/universities.
- Official copy of secondary school transcript or GED.
- Optional: Personal Essay of up to 500 words. Applicants are asked to respond to the following: “Explain why Eastern, Connecticut’s public liberal arts university, is the right college choice for you.”
- Transfer students with acceptable academic records at other accredited colleges or universities do not need to submit SAT I or ACT scores. However, Office of Admissions encourages transfer applicants to submit scores for course placement purposes only.
- Individual interviews are not required unless requested by the Office of Admissions.

Students who plan to enroll in less than 12 credits hours and adult learners entering or returning to college are encouraged to consult with an advisor in the School of Continuing Education for specific information prior to applying for part-time admission.

Admission Decisions

Admission decisions are made when all admissions requirements have been submitted and the applicant’s file is complete. Applicants are notified of the decision on a rolling basis. Applicants offered full-time admission to the university are required to submit non-refundable tuition and housing (if applicable) deposits to reserve classes and residence hall assignments.

Eastern Connecticut State University reserves the right to rescind admission decisions on candidates who falsify or alter information or documents provided as part of the admission process. The Office of Admissions may also withdraw the admission of any freshman applicant who does not successfully complete the requirements for a secondary school diploma or any transfer student who does not maintain academic standards at the prior institution upon admission to Eastern

After admission to the University, and prior to enrollment, students should:

- Have a family health care provider complete the Health Examination Form and return it to Health Services at the University (required for all full-time students).
- Connecticut State Law requires that “as a condition of enrollment in a higher education institution, all full-time or matriculated students born after December 31, 1956 submit proof that they have been adequately immunized against measles and German measles (Rubella).” This requirement must be met as follows: Rubella (German measles) one dose only given after January 1, 1969 or proof of immunity by blood test; and Measles, two doses, the first dose given after first birthday and given after January 1, 1969 or proof of immunity by blood test, and the second dose given after January 1, 1980 or proof of immunity by blood test.
- As of September 2002, Connecticut State Law requires that all students who reside

in on-campus residence halls must be immunized against meningitis. Students must provide documentation of vaccination prior to moving into on-campus housing. Although off-campus students are not required to receive the meningitis vaccination, we recommend all students attending Eastern receive it prior to their arrival. Students should contact their health care provider to get the appropriate vaccine.

- Scholarship and financial aid candidates must complete the Free Application for Federal Student Aid (FAFSA) and request that an analysis of need be forwarded to the Financial Aid Office.
- Admitted students requesting on-campus housing accommodations must submit a residence hall application form to the Housing Office.
- International students must demonstrate college-level proficiency in English and must fulfill other requirements as indicated in the section on Admission of International Students.
- New students will be evaluated for English and mathematical skills. Based on the results of that testing, as well as other indicators of preparedness such as class rank and the quality of academic courses completed, students will be placed in courses that are appropriate to their skills and in which they have the greatest potential for success.

Criteria for Admission of Freshman Students

In weighing an applicant's qualifications, consideration is based on the following criteria:

1. Secondary School Preparation. Prior to enrollment, applicants must have earned a high school diploma from an accredited secondary school or an equivalency diploma. Their secondary school program should include units of college preparatory work in the following areas:

- English (four years)
- Mathematics (three years/four years recommended)
- Science, including one year of laboratory science (two years)
- Social Sciences, including U.S. History (two years)
- Foreign Language, classical or modern (two years/three years recommended)

The University's foreign language requirement ensures that students possess an awareness of another culture and an appreciation of its language. Students who enroll at the University without having successfully completed the admission requirement of at least two years' work in a single foreign language (classical or modern) at the secondary level must complete at least one year of a single foreign language (6 credits) on the college level to meet the requirement for graduation.

Students whose preparation does not follow this pattern may still qualify for admission if there is other strong evidence that they are prepared for college studies. Prospective students are encouraged to discuss their individual qualifications for admission with the Office of Admissions.

2. Scholastic Aptitude Test (SAT) or American College Test (ACT) Scores. Freshman applicants for admission must take the Scholastic Aptitude Test or American College Test, and have the report of their scores sent directly to the admissions staff.

3. Two recommendations from most teachers, guidance counselors or employers.
4. Essay explaining why Eastern, Connecticut's public liberal arts university, is the right college choice for applicant.
5. Interviews are arranged for applicants when requested by the admissions staff, but are not generally required for admission.

Applicants are strongly encouraged to visit the campus. Students who wish to visit the campus should make an appointment at least one week prior to their planned visit. Guided tours of the campus are offered through the Office of Admissions.

Admission to the University Honors Program

Affiliated with both the National and Regional Honors Council, Eastern's Honors Program provides an advanced course of study in the liberal arts for academically qualified students. Honors scholars follow a special program designed to encourage active learning, critical thinking, and independent study. The culmination of the program is the preparation of a senior honors thesis, an original research project carried out under the direction of a faculty advisor. Honors scholars also participate in the activities of the Student Honors Council.

The University Honors Program serves as part of the Liberals Arts core curriculum for those admitted to the program. Honors scholars may major in any department, and some departments offer departmental honors programs that can be coordinated with the University Honors Program. Honors scholars, who have a 3.3 cumulative grade point average and complete the honors requirements, graduate as University Honors Scholars.

Decisions on acceptance to the selective University Honors Program are made by the Honors Council. Acceptance of incoming freshmen is based on their high school record and potential for advanced college work. Eastern offers tuition scholarships to entering freshmen accepted into the University Honors Program. Transfer and continuing students who have earned less than 45 credits can apply to the program if their GPA is 3.5 or above. Interested students should contact the Director of the Honors Program.

Summer Transition at Eastern Program (STEP)/Contract Admissions Program (CAP)

What is STEP/CAP?

The Summer Transition at Eastern Program (STEP)/Contract Admissions Program (CAP) is an educational support service provided by Eastern Connecticut State University. The program is open to high school graduates who are either: the first in their families to attend college, from low-income families, or from groups traditionally under-represented on college campuses. Prospective STEP/CAP students submit a regular application to Eastern's Office of Admissions, which conducts the initial screening and then refers qualified applicants to the STEP/CAP office in the Academic Services Center to be invited for an interview and additional. Decisions on STEP/CAP admission are generally made within two weeks of a student's interview.

What is the Summer Transition at Eastern Program (STEP)?

A six-week, on-campus residential experience offering classes, mentoring, and counseling, the Summer Transition at Eastern Program (STEP) is designed for highly motivated high school graduates who are seeking to improve their math, writing, time management and study skills in order to gain admission to Eastern. This rigorous program offers each student an opportunity to strengthen these skills in preparation for the first year of college. In June students matriculate, register for fall classes, and participate in Eastern's freshman orientation program

SOAR. STEP begins in July and ends in August. Successful students are able to return as freshmen in the fall semester.

What is the Contract Admissions Program (CAP)?

Students will sign a contract. This contract states that students must successfully complete the six-week summer program with a minimum 2.0 GPA (C average) in order to continue as freshmen for the fall semester at Eastern Connecticut State University. It also requires that students meet with STEP/CAP professional staff at the Academic Services Center (ASC) at least once every two weeks throughout their freshman year, and authorizes STEP/CAP staff to share information with parents and guardians in an effort to create an effective network of support. In this manner, the contract affords each STEP/CAP student the opportunity to work closely with professional staff in making the needed adjustments to undergraduate life. Professional staff provides academic support and information on course selection, curriculum requirements, campus resources, and other matters directly pertaining to the undergraduate experience. They also make appropriate referrals to Tutorial Specialists, financial aid counselors, and other support personnel.

Early Admission of Outstanding High School Students

Upon the recommendation of a high school principal, students who have not yet met high school graduation requirements but who have maintained an outstanding scholastic record and demonstrate unusual promise of success at the college level may be admitted early into regular or special programs at the University.

A course of study which will meet basic college needs for each individual student will be agreed upon by the high school administrator(s) and the University. At the completion of this course of study, the high school will grant a high school diploma to the student. Interested students should contact the Director of Admissions and Enrollment Management.

Advanced Placement Program (AP)

Eastern Connecticut State University participates in the Advanced Placement Program (AP) administered by the College Entrance Examination Board. High school students who have taken college-level courses at their high schools may participate. Examinations are offered in the following areas:

Art History	History
Biology	Human Geography
Chemistry	Latin
Computer Science	Mathematics
Economics	Music Theory
English	Physics
Environmental Science	Psychology
French	Spanish
German Language	Statistics
Government and Politics	Studio Art

The University will grant credit for AP Examination grades of 3 or higher in the above subject areas. College credit as well as advanced placement may be given to those students who have taken the College Board Advanced Placement Test in high school.

University-High School Cooperative Program

Full college credit will be granted to students who have participated in a recognized university cooperative program offered through various high schools, provided the student has received a grade of "C-" or higher in a course that is applicable to a degree program at Eastern.

Students should submit an official college transcript directly to the Office of Admissions. For further information, contact the Office of Admissions.

New England Regional Student Program

The New England Regional Student Program enables New England residents to pay reduced tuition at out-of-state public colleges and universities within the six-state region if they wish to pursue certain academic programs that are not offered by their home state's public institutions. A brochure describing the program can be obtained by writing to the New England Board of Higher Education, 45 Temple Place, Boston, MA 02111. The following undergraduate curricula at Eastern are open to New England residents under the regional program:

Bachelor Degree Program:

Communication

Environmental Earth Science

Sociology

Sports and Leisure Management

Open to Residents of:

Maine

Rhode Island

Massachusetts

Rhode Island

Maine

Massachusetts

New Hampshire

Rhode Island

Vermont

Rhode Island

Examining-Out of Course

If no measures for examining-out are available from other sources, faculty in the subject area involved may administer and evaluate the necessary tests. Credit for a course may or may not be given, depending on the circumstances and the recommendation of the department and dean of the School.

College-Level Examination Program (CLEP)

Eastern Connecticut State University accepts credit through a nationally recognized testing program called the College-Level Examination Program (CLEP). CLEP exams are 90-minute multiple choice tests for which a student can earn college credits. CLEP exams are available in English composition, mathematics, social sciences and history, natural sciences, humanities, marketing, management, sociology, child psychology, and foreign languages, among others.

Eastern serves as a regional testing center for this program. For information or registration forms, contact the School of Continuing Education in Shafer Hall or visit the website at www.easternct.edu/ce.

A maximum of 60 credits for all types of nontraditional learning may be awarded to an individual student.

Excelsior College Examinations

A limited number of credits may be earned in certain subject areas by taking Excelsior College examination(s). They offer college-level exams in the arts and sciences, criminal justice, business, education, and health.

Interested students may consult with the School of Continuing Education before arranging to take any examination. A maximum of 60 credits for all types of nontraditional learning may be awarded to an individual student.

DSST Program

Eastern Connecticut State University accepts credits through a nationally recognized testing program called DSST Program. The DSST Program, formally called DANTEs, was originally developed for military personnel, but is now open to the general public. DSST Exams are multiple-choice tests for which a student can earn college credits. DSST exams are available in business, social sciences, physical science, sociology, mathematics, history, and geography, among others.

Eastern serves as a regional testing center for this program. For information or registration forms, contact the School of Continuing Education in Shafer Hall or visit the website at www.easternct.edu/ce.

A maximum of 60 credits for all types of nontraditional learning may be awarded to an individual student.

Credit for Lifelong Learning Program

Persons aged 25 years or older, with a minimum of five years of successful work/life experience in areas of specialization taught by the University, may qualify for college credit. Students interested in the possibility of gaining credit for life experience and learning should request detailed information from the School of Continuing Education. Only learning in subject areas offered by Eastern Connecticut State University can be considered for credit. Only matriculated students are eligible to be considered for this program. Candidates may be required to attend a non-credit Portfolio Preparation Workshop. A maximum of 60 credits for all types of nontraditional learning may be awarded to an individual student.

Transfer of Credit

After a transfer student is admitted to Eastern, all prior academic work successfully completed at other regionally accredited institutions for which the Office of Admissions has received official transcripts is evaluated by the Office of Admissions. The transfer evaluation is sent to the student. In general, admitted transfer students who have not earned an associate degree will receive credit in transfer for grades of “C-” or higher in courses applicable to degree programs at Eastern. Transfer students may be required to submit course descriptions from the prior college to assist in the evaluation to transfer credits.

Transfer credits are not calculated in a student’s cumulative grade point average at Eastern. Incoming transfer students should contact the Office of Admissions with questions regarding transfer credit. Students currently enrolled at Eastern should contact the Registrar’s Office with questions related to transfer credit.

Associate Degree Recipients

It is the policy of Eastern Connecticut State University to grant students pursuing a bachelor’s degree at Eastern total credit for a two-year associate degree received from a public or private institution that is accredited by an authorized regional accreditation agency, such as NEASC. Total credit refers to the total number of credits applied to the associate degree as shown on the official transcript. Transfer courses in which “D+” and “D” grades are earned are accepted in transfer, assuming the courses are in subject areas offered at Eastern; otherwise electives are awarded.

Associate degree recipients from a health care profession can take advantage of a special Bachelor of General Studies degree offered through the School of Continuing Education. Refer to the index for degree programs.

Associate degree recipients interested in teacher certification should refer to the section describing Teacher Education Certification programs.

Admission of Licensed Health Care Professionals

Registered Nurses

Graduates of hospital-based nursing programs who do not hold an associate degree but who are registered nurses may be admitted to the University as candidates for the Bachelor of Arts or Bachelor of Science or Bachelor of General Studies degree. Candidates must meet all the requirements for regular admission to the University. Sixty credits of electives will be awarded in transfer upon receipt of evidence that the student has completed an accredited diploma nursing program. Students may complete either a Bachelor of Arts or Bachelor of Science degree with a major or a Bachelor of General Studies degree with a concentration. Refer to the index for specific degree requirements. This program does not lead to nor does it meet the requirements of a Bachelor of Science degree in Nursing.

Dental Hygienists, Licensed Practical Nurses, Medical Laboratory Technicians, Radiological Technologists and Respiratory Therapists

Eastern offers special baccalaureate and associate degree programs for graduates of accredited programs in dental hygiene and licensed practical nursing who are licensed to practice in Connecticut. In addition, medical laboratory technicians, radiological technologists, and respiratory therapists who have completed accredited programs and/or successfully passed nationally-recognized certification examinations in these fields are also eligible for these special degree programs. Thirty credits of electives will be awarded in transfer upon receipt of evidence of having successfully completed an accredited professional program and/or national certification examination along with a license to practice, if applicable. This program allows students to complete either an Associate in Science, Bachelor of Arts, Bachelor of Science, or Bachelor of General Studies degree. Refer to degree programs for health professionals under the School of Continuing Education.

Admission of Veterans

Veterans who wish to matriculate at the University must apply for admission to Eastern by making formal application as set forth in the General Admission procedures.

The Office of Veterans Affairs, located in the Financial Aid Office in the Alvin B. Wood Support Services Center, assists veterans in obtaining educational benefits available to them under the laws administered by the Veterans Administration, the Connecticut State Statutes, and Connecticut State University Trustee resolutions. While this office is not connected with the Veterans Administration, ongoing communication and cooperation with the Veterans Administration is maintained for processing of claims and benefit payments.

Files on all veterans are maintained within the office; veterans are encouraged to provide any important information for their files. Each student should promptly report any change in his/her enrollment status, as this may affect eligibility for benefits.

Eastern accepts the scores of the College Level Examination Program (CLEP), which is administered to military personnel on active duty. Armed Forces personnel desiring further information about the examinations should contact their education officers.

The University awards credit for some training and experience in the Armed Forces of the United States. Such courses must be recommended for college credit in the "Guide to the Evaluation of Educational Experiences in the Armed Services," published by the American Council on Education (ACE). Credit recommendations by ACE must pertain to a program of study offered at Eastern before such credit may be awarded. It is the student's responsibility to submit all appropriate documentation, including DD Form 295 or DD Form 214, to the Office of Admissions. A maximum of 60 credits for all types of non-traditional learning may be awarded to an individual student.

Admission of International Students on F-1 Visa

The University is pleased to consider for full-time admission all academically qualified students in legal status from other countries. International students must demonstrate competence in speaking and writing the English language in order to be considered for admission to a degree-granting program of undergraduate studies as a full-time matriculating student. A Test of English as a Foreign Language (TOEFL) minimum score of at least 550 on the paper version, 213 on the computer version, or 79 on the Internet-based version, is required for admission.

International students are strongly urged to complete the application process well in advance of the projected date of enrollment. Early application is necessary because of the substantial amount of time required to file for non-immigrant (F-1) student status, and to make appropriate travel arrangements.

Secondary school graduates and students who have attended post-secondary institutions in other countries and are applying for an F-1 Visa are subject to the following procedures:

- A completed application for admission and a non-refundable \$50 (U.S.) application fee must be forwarded to the Office of Admissions.
- An official record of work completed at the secondary school attended (and all post-secondary institutions attended) must be forwarded to the Office of Admissions. All documents in languages other than English must be accompanied by a certified English translation.
- Proficiency in English is required, and international students must submit evidence that they possess knowledge of the English language adequate to undertaking a full course load (at least 12 credits) upon their arrival at the University.

Students whose native language is other than English are required to:

- Submit the official score report from the Test of English as a Foreign Language (TOEFL). Students must obtain a minimum score of 550 on the paper version, or 213 on the computer version, or 79 on the Internet-based version, to be considered for admission.
- As an alternative to submitting the TOEFL, international students may demonstrate English proficiency by submitting proof of successful completion of advanced-level English as a second language course work taken at a regionally-accredited institution in the United States.
- The Scholastic Aptitude Test (SAT), American College Test (ACT) or International English Language Testing System (IELTS) may be substituted as an alternative to the TOEFL exam. The official score report must be forwarded to the Office of Admissions.

Two letters of recommendation from school officials at the institution(s) last attended must also be forwarded to the Office of Admissions. Students must take a full-time course load (at least 12 credits) each semester at the University.

In addition to the above requirements, the Office of Admissions must be provided with a financial statement proving financial responsibility for college. Financial documentation provided to the U.S. Immigration Service is acceptable.

An I-20 form will be issued only after a student meets all of the above admission requirements, sends the University verification of financial responsibility, and is actually admitted.

Non-immigrant students holding the F-1 Visa may apply for part-time on-campus employment when the University is in session and full-time employment when the University is not in session. Admitted students holding Visas other than a F-1 should consult directly with the Financial Aid Office concerning the availability of financial aid.

Readmission to the University

Student in Good Academic Standing. Students who voluntarily withdraw from the University in academic good standing may return upon formal completion of an application for re-admission and with approval from the Office of Admissions. Readmitted students are subject to University requirements and policies in effect at the date of their readmission. Readmission to the University by the Office of Admissions does not guarantee on-campus housing or financial aid. Readmitted students requesting on-campus housing or financial assistance must contact the appropriate offices for information.

Students Dismissed for Academic Deficiency. Students who wish to return to the University after receiving notice of dismissal for academic deficiency, or who have withdrawn from the University with less than a 2.0 cumulative grade point average, may file an application for readmission with the Office of Admissions. The Office of Admissions may require an interview prior to rendering a decision on the application. Readmission is not guaranteed. If readmission is granted to a student in the above category, the student will be placed on academic probation and will be required to participate in an academic intervention program. Readmitted students are subject to University requirements in effect at the date of readmission. Readmission with probation status does not guarantee on-campus housing or financial aid. Readmitted students requesting on-campus housing or financial assistance must contact the appropriate offices for information.

Second Baccalaureate Degree

Eastern Connecticut State University undergraduate students may complete two baccalaureate degrees simultaneously by fulfilling all undergraduate graduation requirements, accumulating a minimum of 150 credits, fulfilling a minimum 60-credit residency, and meeting all requirements of both majors with at least 15 credits in each major earned at Eastern.

Eastern baccalaureate degree holders may earn a second baccalaureate degree by fulfilling all undergraduate requirements, accumulating a minimum of 150 credits, fulfilling a minimum 60-credit residency, and meeting all requirements of the second major, with at least 15 credits in the second major earned at Eastern.

Baccalaureate degree holders from a regionally accredited college or university wishing to earn a second baccalaureate from Eastern Connecticut State University must meet the minimum 30-credit residency requirement and all requirements for the major, with at least 15 credits of the major completed at Eastern. Inquiries regarding a second baccalaureate should be directed to the Office of Admissions.

Additional Major, Minor or Certification

Eastern Connecticut State University baccalaureate degree holders wishing to complete an additional major, minor and/or certification to teach are subject to a program of studies meeting only the new major, minor and/or certification requirements. An additional degree is not required. A second residency is not required. For information consult the Office of Admissions.

Non-Matriculated Students

Students who do not plan to earn a degree from Eastern or who are uncertain about their educational plans may enroll in courses on a non-matriculated basis through the School of Continuing Education.

Students attending Eastern in non-matriculated status who have demonstrated academic success are encouraged to apply for admission as explained in the general admission procedures section. Interested students should apply to the Office of Admissions as early as possible as admission to the University. Program of choice is not guaranteed to non-matriculated students.

Please note that all grades for courses taken at Eastern, both before and after admission, will be used to determine graduation eligibility. Students planning to pursue a degree should apply for admission before completing 30 credits.

Change of Student Status

Students wishing to change their status from full-time to part-time or from part-time to full-time must submit the change of status form to the Registrar's office. This request for change of status should be made at least two months before the start of the semester. The student must be in good academic standing according to University standards when requesting a change from one status to another. Requests for change of status are subject to review and are not guaranteed.

UNDERGRADUATE EXPENSES

As part of the Connecticut State System of Higher Education, Eastern Connecticut State University offers a high quality education program at moderate cost. Details of the expenses appear below. The schedule of tuition, fees, methods of payment, and refund policies are valid at the time of publication of the catalog and are subject to change as required. The following fees are for the Fall 2010 and Spring 2011 academic year.

Application Fee

A non-refundable fee of \$50 is required of all new students applying for full- or part-time admission and is payable at the time of application.

Tuition and Fees (per semester)

	<u>Connecticut Resident</u>	<u>Out-of-State Resident</u>
Tuition (12 or more semester hours)	\$2,011.50	\$6,510.00
State University Fee	471.00	1,155.00
University General Fee	1,602.50	1,602.50
Student Activity Fee	90.00	90.00
Tuition and Fees*	\$4,175.00	\$9,357.50

**Plus Sickness Insurance as specified below.*

Tuition charges and the University Fee rate are determined on the basis of in-state or out-of-state residency. The failure of a student to disclose fully and accurately all facts related to residence status shall be grounds for suspension or expulsion.

An undergraduate student is considered to be a Continuing Education or a part-time student if registered for fewer than 12 semester hours. A graduate student is considered to be a part-time student if registered for fewer than 9 semester hours. Such students will be charged Continuing Education fees.

New England Regional Student Program

Connecticut Resident Tuition and Fees	\$4,175
New England Regional Student Program	\$1,006
Tuition and Fees*	\$5,181

** Plus Sickness Insurance as specified below.*

Sickness Insurance Fee (estimated annual)	\$993
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For students entering in the spring semester, the estimated sickness insurance fee is \$496.50

This is a mandatory fee unless specifically waived. For waiver qualifications, see Waiver of Sickness Insurance Fee section.

Housing Deposit (non-refundable) **\$250**

The non-refundable Housing Deposit of \$250, applied to housing rates, is due within 15 days of invoice date.

Housing Rates (per semester)

Assignment to residence halls and apartments is made by the Housing and Residential Life

Office. Room rates include Internet, e-mail and local telephone hook-up.

Residents are charged a \$40 annual social fee. The social fee is not included in the housing rates below.

Residence Hall Rates (per student, per semester)

Burnap, Crandall, Winthrop and Burr Halls

One student per room	\$3,601
Two students per room	\$2,834
Three students per room	\$2,834

Apartment Rate (per student, per semester)

Noble Hall Double	\$3,508
Occum Hall Single	\$3,765
Occum Hall Double	\$3,315
Windham Street Apartments Efficiency	\$4,725
Windham Street Apartments Single	\$3,503
Windham Street Apartments Double	\$3,444
Nutmeg Hall	\$3,770
Laurel Hall	\$3,770

Suite (per student, per semester)

Niejadlik Hall	\$3,601
Mead Hall	\$3,525
Constitution Hall	\$3,210

Board Rate (per student, per semester)

SILVER Meal Plan	\$2,175* / \$175 Dining Dollars
GOLD Meal Plan	\$2,135* / \$125 Dining Dollars
OCCUM 120 BLOCK Meal Plan	\$1,195* / \$125 Dining Dollars
150 Block Plan	\$1,295* / \$125 Dining Dollars
75 Block Plan	\$645* / \$50 Dining Dollars
50 Block Plan	\$445* / \$25 Dining Dollars

Meal Plans are available to all registered Eastern students but are required in certain University residence halls and by all resident freshmen. Please see requirements below. Required meal plans are automatically assigned. To sign up for a meal plan, a Dining Services Agreement needs to be submitted and is available on the Card Services Office website at expresscard.easternct.edu.

Freshmen students assigned to any University residence hall and all residents of Burnap, Burr, Constitution, Crandall, Mead, Niejadlik and Winthrop Halls are required to be on the SILVER Meal Plan but may elect to sign up for the GOLD Meal Plan.

Only upperclassmen of Occum Hall are required and allowed to be on the OCCUM 120 BLOCK Meal Plan but may elect to sign up for the GOLD, SILVER or 150 BLOCK Meal Plan.

Residents of Noble and Windham Street Apartments (High Rise and Low Rise), Laurel Hall, Nutmeg Hall and students residing off campus are not required to be on a Meal Plan. These buildings have kitchens with stoves and refrigerators which enable cooking. These students may elect to sign up for the GOLD, SILVER, 150 BLOCK, 75 BLOCK or 50 BLOCK Meal Plan.

Signing the Dining Services Agreement obliges the student to remain on the selected Meal Plan for the entire semester. Meal Plans cannot be cancelled once classes have begun. Refunds are made on a prorated basis only upon withdrawal from the University or from Residential Housing, at the option of the student and with concurrence of the University.

**Prices are subject to increase. Please visit the Card Services website at expresscard.easternct.edu for the most current pricing, to learn about additional benefits of each Meal Plan such as dining dollars and guest meals and to complete a Dining Services Agreement*

Over-registration Fee

Students who are registered for more than 18 credit hours in a semester will be charged an Overregistration Fee. This is a per credit hour surcharge for every credit hour over 18. The rate is \$375/credit hour for undergraduates and \$428/credit hour for graduates. The full-time student refund policies apply.

Late Payment Fee

\$50

A late fee will be assessed on payments received after the established due dates.

Returned Check Fee

\$20

A fee will be charged for any checks which are not honored by banks.

Deposits

The following non refundable tuition and housing deposits will be billed:

Admissions Deposit (Nonrefundable)

\$200

Fee due from new students by May 1 or within 15 days of invoice date, applied to the tuition.

Housing Deposit (Nonrefundable)

\$250 per semester

Applied to housing rates. The deposit is due within 15 days of invoice date.

Cooperative Education Fee

The fee for participating in the Co-op program for one co-op cycle is \$100.

Transcript Fee

\$40

A one-time charge for first-time students that gives them unlimited access to their academic transcripts.

Lab Fee

A \$50 lab fee will be assessed for certain lab courses in the Biology, Environmental Earth Science and Physical Sciences Departments.

Miscellaneous Student Expenses

Students furnish their own textbooks, notebooks, writing implements and art supplies. Approximately \$777 per semester should be allowed for textbooks. Students should also be prepared to spend money for field trips since these activities may be an integral part of their educational program.

Payment Due Dates

All University fees are to be paid when due in accordance with dates established by the Uni-

versity. Students who do not pay bills by the required dates may be subject to loss of University privileges, including cancellation of registration, the right to register for courses, issuance of transcripts, participation in Commencement Exercises, and student work privileges, and are subject to referral to a collection agency in accordance with state procedures. The lifting of such restrictions will occur either upon full payment of all unpaid balances or when satisfactory arrangements have been made with the Bursar's Office in conformity with University policy.

Responsibilities for Expenses

It is the responsibility of students to assure that their bills are paid. Eastern recognizes the need of students to manage the payment of tuition and fees effectively. To meet this need, Eastern has established a relationship with TuitionPay, a Sallie Mae company that provides financial management services to higher education institutions. The services include providing students with the ability to spread the payment of tuition and fees by means of a monthly installment arrangement. Students who cannot pay their tuition and fees in full are strongly encouraged to establish a monthly payment plan with TuitionPay.

Charges for housing damages, delinquent phone charges, unreturned University equipment and supplies, lost or unreturned library books, and parking tickets will be assessed and are payable upon receipt of the bill.

Fee Schedule and Refund Policy

In accordance with the Higher Education Amendments of 1998 (Public Law 105-244), the federal government mandates that students receiving Title IV assistance who withdraw from all classes may only keep the financial aid they have "earned" up to the time of withdrawal. Title IV funds that were disbursed in excess of the earned amount must be returned by the University and/or the student to the federal government. This could result in the student owing funds to the University, the government, or both. The amount of earned aid to be returned is based on the percentage of enrollment period completed.

The refund policy below excludes the effect of the return of Title IV funds. Students receiving federal aid should consult with the University Bursar or Financial Aid office prior to withdrawal in order to determine the financial impact that the return of Title IV funds will have upon the student.

FEE	DUE	REFUND POLICY
\$50 Application Fee	Upon submission of application	Nonrefundable
Confirmation Deposit (UG/G) \$200 (\$50 applied to Tuition and Fees and \$150 applied to Orientation Fee)	May 1 or within 15 days of invoicing thereafter	Nonrefundable
Re-registration Fee	Upon re-registration	Nonrefundable

FEE	DUE	REFUND POLICY
Full-time Tuition and Fees	Fall semester not later than July 15 Spring semester not later than December 31	Upon withdrawal from the University up to the first day of University-wide classes as defined by the published University calendar, 100 percent of the amount paid will be refunded, 90 percent of the balance will be refunded during the first week of university-wide classes, 60 percent of the balance will be refunded during the second week of University-wide classes, 40 percent of the balance during the third and fourth weeks of University-wide classes, No refund after the fourth week of University-wide classes.
\$250 Housing Deposit	Fall semester not later than March 17 Spring semester not later than October 29	Nonrefundable

FEE	DUE	REFUND POLICY
Housing Fee – (applies to students who withdraw from the University)	Fall semester not later than July 15 Spring semester not later than December 31	Upon withdrawal from the University up to and including the first day of University-wide classes as defined by the published University calendar, 100 percent of the balance paid less the housing deposit will be refunded, 60 percent of the balance will be refunded during the first two weeks of University-wide classes, 40 percent of the balance during the third and fourth weeks of University-wide classes, No refund after the fourth week of University-wide classes.
Housing Fee (applies to students who remain enrolled, but withdraw from University housing)		Upon withdrawal from a residence hall up to and including the first day of University-wide classes as defined by the published university calendar, 100 percent of the balance paid less the housing deposit and the housing cancellation fee, if applicable, will be refunded. No refunds will be made after the beginning of University-wide classes.

FEE	DUE	REFUND POLICY
<p>Housing Cancellation Fee (applies to students who remain enrolled, but withdraw from University housing)</p>	<p>Fall semester and Spring semester</p>	<p>Upon withdrawal from a residence hall 15 to 28 days prior to and including the first day of University-wide classes as defined by the published University calendar, a 10 percent housing cancellation fee based upon the housing fee after deducting the housing deposit will be assessed.</p> <p>Upon withdrawal from a residence hall 1 to 14 days prior to and including the first day of University-wide classes, a 20 percent housing cancellation fee based upon the housing fee after deducting the housing deposit will be assessed.</p>
<p>Food Service Fee</p>	<p>Fall semester not later than July 15</p> <p>Spring semester not later than December 31</p>	<p>Meal portion of fee refundable, on a prorated basis, upon withdrawal from the University; or upon withdrawal from University housing at the request of the student and contingent upon the concurrence of the University. The discretionary cash component of the food service fee, if any, will be refunded according to procedures established at each University.</p>
<p>Part-Time and Summer/ Winter Sessions - Registration Fee - Fall, Spring, Summer, and Winter Sessions</p>	<p>Due upon registration</p>	<p>Nonrefundable</p>

FEE	DUE	REFUND POLICY
Part-Time Tuition and General University Fee and Summer/Winter Course Fees - Fall and Spring Semester - Courses Greater than Eight Weeks in Length	Due upon registration	<p>100 percent of the amount paid will be refunded during the first week of University-wide classes,</p> <p>60 percent of the balance will be refunded during the second week of University-wide classes,</p> <p>40 percent of the balance will be refunded during the third and the fourth weeks of university-wide classes,</p> <p>No refund after the fourth week of University-wide classes,</p>
Part-Time Tuition and General University Fee and Summer/Winter Session Course Fees - Summer/Winter Sessions - Courses Greater than Eight Weeks in Length	Due upon registration	<p>100 percent refund during the first week of classes,</p> <p>60 percent refund during the second week of classes.</p> <p>40 percent refund during the third and fourth week of classes,</p> <p>No refund thereafter.</p>
Part-Time Tuition and General University Fee and Summer/Winter Session Course Fees - Fall, Spring, Summer, and Winter Sessions - Courses Three to Eight Weeks in Length	Due upon registration	<p>100 percent refund prior to the second class meeting,</p> <p>60 percent refund prior to the third class meeting,</p> <p>40 percent refund prior to the fourth class meeting,</p> <p>No refund after the beginning of the fourth class meeting.</p>

FEE	DUE	REFUND POLICY
Part-Time Tuition and General University Fee and Summer/Winter Session Course Fees - Fall, Spring, Summer, and Winter Sessions - Courses Less than Three Weeks in Length	Due upon registration	100 percent refund prior to the second class meeting, 60 percent refund prior to the third class meeting, No refund after the beginning of the third class meeting.
Eastern Online Registration Fee	Due upon registration	Nonrefundable
Eastern Online Tuition and Fees	Due upon registration	<p>Fall and Spring Semester - Included with full-time and part-time refund schedules above.</p> <p>Four-Week Classes - 100 percent refund days 1-3; 60 percent refund days 4-5; 40 percent refund days 6-7; no refund after day 7.</p> <p>Five-Week Classes - 100 percent refund days 1-3; 60% refund days 4-6; 40 percent refund days 7-9; no refund after day 9.</p> <p>Six-Week Classes - 100 percent refund days 1-4; 60 percent refund days 5-7; 40 percent refund days 8-10; no refund after day 10</p>

federal regulations require that all refunds be restored to Federal programs in the following priority sequence:

1. Unsubsidized Federal Stafford Loans
2. Subsidized Federal Stafford Loans
3. Unsubsidized Federal Direct Stafford Loans
4. Subsidized Federal Direct Stafford Loans
5. Federal Perkins Loans
6. Federal PLUS Loans received on behalf of the student
7. Federal Direct PLUS received on behalf of the student
8. Federal Pell Grants
9. Federal SEOG Program Aid
10. Other grant or loan assistance authorized by Title IV of the HEA

After obligations to the above are satisfied, funds will then be returned to

11. Other state, private, or institutional assistance
12. Student

Refunds of Tuition and Fees Under Unusual Circumstances

Under circumstances beyond the control of the student or in cases where attendance has been denied by the University, the University president may authorize the refunding of fees otherwise designated as non-refundable.

Continuing Education Fees

Visit <http://www.easternct.edu/cel/reginfo.htm> for current fee information.

Transfer of Admissions Binder Within Constituent Units of the Connecticut System of Public Higher Education

The tuition deposit may be transferred within constituent units of the Connecticut system of public higher education provided enrollment in another unit occurs within 60 days of the beginning of the semester for which the deposit was paid to the institution

Waiver of Tuition for Veterans and Their Children, Public Act 74-266 and 78-175

Under Connecticut statutes, full-time students who are veterans with active service during specific war periods may be entitled to a waiver of total tuition. Dependent children of Vietnam veterans declared missing-in-action or prisoners of war while serving in the armed services after July 1, 1960 are eligible for this waiver providing such children have been accepted for admission to Eastern Connecticut State University. Tuition waiver is available to Connecticut residents enrolled in a degree-seeking program.

Students who qualify for these benefits should bring discharge records and proof of established Connecticut residency to the Veterans Services Office for review. Students whose eligibility is based on the service of a parent should bring that parent's documentation of service.

By resolution of the Board of Trustees for the Connecticut State University, veterans, as defined above, are granted a 50 percent reduction in semester hour fees when enrolled in the School of Continuing Education. Admission to the University is a prerequisite. Contact the Veterans Services Office for further information.

Waiver of Tuition and State University Fee for Persons Sixty-Two Years of Age or Older

Under Public Act 74-282, the tuition and State University Fee shall be waived for any person 62 years of age or older who has been accepted for admission, provided such a person is enrolled in a degree-granting program or provided, at the end of the regular registration period, and there is space available in the desired course(s). By resolution of the Board of Trustees for the Connecticut State University, this waiver also applies to credit hour fees for continuing education courses. No other fees are waived.

Connecticut National Guard Tuition Waiver

Connecticut state residents who are members of the Connecticut Army or Air National Guard and are enrolled as full-time undergraduates are eligible for a tuition waiver. The tuition waiver does not apply to other costs and fees, such as student fees, laboratory fees, etc. It covers the charges for tuition only. The waiver does not apply to summer session, winter intersession or part-time enrollment.

Eligible, full-time undergraduates must obtain a Certificate of Eligibility from their National Guard Unit and submit it to the Bursar's Office with their tuition bill each semester. For more information on this tuition waiver and other tuition assistance programs, such as student

Education Grant to Children of Deceased or Disabled Veterans or Missing in Action Members of the Armed Forces

Children between the ages of 16 and 23 of any person who served in the armed forces in time of war and who was killed in action or who died as a result of accident or illness sustained while performing active United States military duty, or who has been rated totally and permanently disabled by the Veterans Administration, or who is missing in action may be eligible for an education grant by the Connecticut Board of Governors of Higher Education. Information should be directed to the Connecticut Department of Higher Education at (800) 842-0229.

Waiver of Sickness Insurance Fee

The Sickness Insurance Fee may be waived. However, the Board of Trustees of the Connecticut State University requires that the waiver form necessary to excuse a full-time student from this insurance requirement shall affirm that the student has adequate sickness insurance coverage from an insurance carrier licensed to operate in the United States including the identification of the carrier and policy number of the alternate insurance if applicable. Waivers must be submitted via a student's online account on or before the first day of the semester. Contact that office for information.

Undergraduate Financial Aid

The Financial Aid Office assists both parents and students in finding support for a college education. In 2008–09, Eastern received approximately \$35 million in scholarships, grants, loans, and campus employment. About 67 percent of the student body receives some kind of assistance.

All students and their parents, both prospective and returning, who wish to apply for any form of financial assistance while at Eastern are required to complete the Free Application for Federal Student Aid (FAFSA) each school year. Students who fully complete the FAFSA in compliance with institution deadlines automatically will be considered for a Federal Pell Grant as well as all other types of available aid.

Financial Aid and Billing

Financial aid, except for student work, automatically is applied to each semester's bill. If the charges exceed the financial aid award, the student must pay the balance by July 31 for the fall semester and by December 31 for the spring semester unless on a time payment plan. If the financial aid award exceeds the charges, the balance will be available to the student. Students on financial aid who withdraw during the first 60 percent of the term may lose a substantial amount of aid, per federal regulation.

Deadlines

For an applicant to be considered on time, the FAFSA must be received by the processor by:

- March 15 for the fall semester
- November 15 for the spring semester (spring admits only).

In order to be considered for most types of assistance, a student must be matriculated and enrolled at least half time (six credit hours per semester). Some aid, however, is available to less than half-time students who are matriculated. Aid recipients who drop below half-time must inform the Financial Aid Office.

Financial aid information may be secured through the Financial Aid Office in the Alvin B. Wood Support Services Center, (860) 465-5205

Policy on Satisfactory Academic Progress for Financial Aid

In order to obtain and retain financial aid, currently enrolled students must make satisfactory progress toward a degree. When planning withdrawal from courses or from the University, students should consider the impact of their actions on future receipt of aid. This policy is set by the Financial Aid Office and is different from other academic policies.

The Satisfactory Academic Progress policy includes these four standards. Students failing one or more of the standards are determined to be academically ineligible to receive financial aid from the programs managed by the Financial Aid and Veterans Affairs Office for the entire academic year (e.g. Fall, Spring and/or Summer semesters).

Grade Point Average: Undergraduate and graduate students are expected to maintain a cumulative grade point average of at least a 2.0 at Eastern Connecticut State University.

Credit Completion Rate: Undergraduate and graduate students are expected to successfully complete at least 67 percent of the credits attempted at Eastern Connecticut State University.

Years of Enrollment at Eastern: Undergraduate students are required to complete a Bachelors Degree within six years (or the full-time equivalent - 144 credits attempted), although a four year timeframe is preferred. Graduate students are expected to complete a masters degree within three years (or the full-time equivalent - 54 credits attempted).

Credits Earned without Degree Completion: Undergraduate students are required to have earned a bachelor's degree from Eastern Connecticut State University once they have earned 180 credits.

Missing credits may be made up in winter intersession or summer session, usually at the student's own expense.

There is an appeal process. The student may submit an Application for a Waiver of the Satisfactory Academic Progress Policy requirements. Requests are approved or denied for the entire academic year (e.g., Fall, Spring, and/or Summer semesters). However, appeals are granted only at the discretion of the Office of Financial Aid and Veterans Affairs.

Time Payment Plans

The University has made arrangements with TuitionPay to offer students/parents the opportunity to pay tuition and fees through extended monthly payments. Information on the time payment plan may be obtained by contacting TuitionPay at (888) 272-5543 or online at www.tuitionpay.salliemae.com.

Student Employment

All University-funded employment for matriculated students is administered through the Financial Aid Office. Opportunities are not limited to those receiving financial aid. Interested students are responsible for locating on-campus positions by applying at various academic and administrative departments. Go to www.ecsujobs.org to see listings. Emphasis is on gaining valuable work experience related to the major whenever possible.

Students who are awarded work as part of their financial aid package also are encouraged to investigate available community service positions (or to find their own placements). These paid positions are usually located off campus and are available in many fields offering a wide variety of work experience. Students are encouraged to apply early as the number of positions on-campus and off-campus are limited. Again, check the website for listings.

JOB MATCH

JOB MATCH helps locate part-time and summer jobs for matriculated students regardless of their financial need. Local employers list part-time jobs that assist students in developing career goals and help financially. Jobs currently available are listed on the website and students must fill out an application with individual employers listed on the web site www.ecsujobs.org. The JOB MATCH Office is located in the Financial Aid Office.

Army and Air Force ROTC Subsistence Allowance

Students who are accepted into the Army or Air Force ROTC program may receive approximately \$5,000 during the junior and senior years. This consists of a tax-free allowance of \$200 for 10 months each year, and approximately \$900 for a five- or six-week summer camp. To enroll in the advanced portion a student must have at least two years of undergraduate or graduate school remaining. A student can take the introductory courses at any time, though students do not get the subsistence allowance for them.

Students are also eligible to compete for two-, three-, and four-year ROTC scholarships. Each scholarship covers tuition and other fees, \$450 a year for books, and \$200 per month tax-free. You do not need to be enrolled in ROTC to apply for these scholarships. For more information call Army ROTC at (860) 486-6081 ext. 4538, or Air Force ROTC at (860) 486-2224.

University Honors Scholarships

Each year the University awards scholarships to outstanding students accepted into the faculty-administered University Honors Program. These scholarships, covering the costs of in-state tuition, may be renewed for students who maintain the academic standards required of Honors Scholars for a maximum of eight semesters. Out-of-state students may also receive scholarships that equal the value of in-state tuition. Contact the Honors Program at (860) 465-4317.

Academic Excellence Scholarships

These scholarships are offered to incoming students who meet specified criteria. Recipients are identified during the admissions process. There is no separate application.

Eastern Competitive Scholarships

This is an annual competition primarily for current students. Please see the Financial Aid website for additional information.

Student Services

Kenneth M. Bedini, *Acting Vice President for Student Affairs*

Eastern's commitment to a liberal arts experience is supported by the many offices under the umbrella of connected to the Division of Student Affairs. We connect to the University's Core Values of Academic Excellence, Engagement, Inclusion, Integrity, Empowerment and Social Responsibility to our everyday mission of providing opportunities and experiences for our students that promote intellectual curiosity, challenge their thinking and shape their future.

General Regulations

Students at Eastern Connecticut State University are expected to conduct themselves in accordance with state and local laws and the stated policies of the University. Recognizing its role as a state university and its relationship to state government, Eastern places emphasis on developing student conduct which will contribute positively to the roles its graduates play as individuals in society.

Information concerning regulations of the University is available in the Student Handbook, which states the campus rights and responsibilities, University alcohol policy, and the rules and regulations for campus residence halls. The University holds each student responsible for regulations as outlined. Copies of this document are available on the University website connected to the Division of Student Affairs page.

Office of Judicial Affairs

Angelo Simoni, *Acting Director of Judicial Affairs*

The Office of Judicial Affairs is located on the second floor of the Alvin B. Wood Support Services Center. The role of Judicial Affairs is to foster student ethical development and personal responsibility through enforcement of the CSU Student Code of Conduct. Students who are alleged to have violated the Student Code of Conduct meet with the University Judicial Officer to discuss the incident. In some instances, students may elect or may be required to attend a formal hearing. Further information regarding student rights and responsibilities and judicial procedures can be found in the Student Handbook or on the Judicial Affairs web page.

Student Center and Student Activities Office

Michelle Delaney, *Director*

Located on the North Campus the newly renovated Student Center serves as a home away from home for students while providing a variety of services. The lower level houses a state of the art fitness center, offices for the Student Government Association, the Campus Activity Board, the Sustinet yearbook and the Campus Lantern. The Intercultural and Women's Centers are also found on this level. The upper level consists of meeting and conference rooms, the Atrium lobby, Food Court, a theatre and the Betty R. Tipton room.

The Student Center not only provides students with the opportunity to meet on an informal basis, it is also the major facility for student sponsored activities and campus events.

Orientation

Each year an undergraduate summer orientation program and welcome weekend are conducted to acquaint all new students with the aims, resources, policies, and procedures of the University. The programs assist students to get to know each other, their student leaders, and the faculty and staff. Aspects of the programs, designed to help students succeed in college, are extended throughout the year. Student orientation leaders meet with new and transfer students and parents in small group settings to familiarize them with Eastern's academic opportunities and student support services.

Counseling and Psychological Services

Mercy Arias, *Director*

Counseling and Psychological Services at Eastern exists to help students grow and work toward a fuller educational and personal experience during their college career. It is hoped that these goals will be extended and realized in the lives of students after they leave Eastern. Counseling is confidential and available to all Eastern students at no charge. There is no record in a student's file that counseling has been received. Students may seek counseling for a variety of reasons such as test anxiety, difficulties in coping with roommates, family problems, relationships, physical/sexual abuse, rape, feelings of confusion, depression and emptiness, substance abuse, sexual identity issues and many other personal problems. Counseling and Psychological Services is located at 192 High Street.

Office of AccessAbility Services

Pamela J. Starr, *Coordinator*

The Office of AccessAbility Services (OAS) is available to assist students with documented disabilities and their special needs. Services are also extended to students who may become temporarily disabled due to an accident, surgery, or other conditions. The OAS will coordinate with appropriate agencies and individuals to facilitate the transition into the University. Services include, but are not limited to, assisting with registration, orientation, and housing; and providing academic strategies and accommodations. The OAS strives to improve access for students by removing existing barriers that are physical, programmatic, and attitudinal as well as the prevention of the creation of new barriers.

Office of Career Services

Nancy DeCrescenzo, *Acting Director*

The Office of Career Services supports the lifelong career development of students and alumni through career counseling, educational programming, recruiting events, and web-based resources. Programs and services are designed to guide while fostering self-direction and personal responsibility in career/life planning. The office helps students from freshman year through graduation to:

- identify and evaluate skills, interests, abilities, and values
- relate academic pursuits to career goals and objectives
- gather factual information about occupational fields
- build an awareness of the world of work
- define personally meaningful career objectives
- develop job-search skills
- explore cooperative education and internship opportunities
- find rewarding careers after college

Programs and Services

- **Career Counseling** - Clarify career goals, choose major, explore options, examine interests, values and talents. Self-assessment is essential to career development.
- **Resume Review** - Department staff review and offer constructive feedback on resumes and cover letters; 72-hour drop-off or e-mail service.
- **Workshops** - Group sessions on career exploration, resume preparation, interview techniques, and job search strategies are conducted throughout the academic year.

- **Company and Alumni Programs** - Alumni and other professionals discuss their career paths, backgrounds, job responsibilities, and the world of work in these information panel discussions.
- **Recruitment** - On-campus interviewing, employer information sessions, and recruiting programs occur regularly. Annually, more than 200 employers in business, industry, government agencies, and school systems visit campus.
- **Career Information Center** - Career and employer literature, graduate and professional school guides, and job market information are among the resources in the Career Information Center located in the library.
- **FOCUS** - Focus is a web-based, personalized career and education planning system. Use Focus to create plans so you can manage your career, be proactive, control your destiny, and take advantage of career opportunities. Visit Career Services' website to access Focus.
- **Web-based Career Resources** - Dozens of on-line tools are available including FOCUS and TypeFocus, interactive career assessment and planning tools; Experience, Eastern's job and internship posting system; Optimal Resume; resume and cover letter writing software; and ReferenceUSA, an extensive employer research database.
- **Mock Interviews** - Counseling staff will conduct a practice interview and provide on-the-spot feedback on non-verbal behavior and interview answers.

To contact Career Services staff, call (860) 465-4559 or refer to our web page at www.easternct.edu/career/.

Cooperative Education

Cooperative Education is a structured educational program where students can apply classroom learning with productive work experience in a field related to the student's academic or career goals. Co-op is a partnership among students, the University, and employers. The work experience is paid and can be with a major corporation or small business. Major emphasis is placed on full-time positions (lasting six months) which facilitate experiential learning and provide students with financial assistance. To participate, a student must have completed 30 credits of college work; 15 credits must have been taken at Eastern. A grade point average of 2.0 or higher is required.

Students may register for Cooperative Education work assignments after approval of the Career Services. Each co-op carries 12 administrative credits, which will be recorded on official transcripts. Administrative credit for co-op may not be counted toward graduation.

The Office of Career Services manages the co-op program, maintains a database of employers with co-op positions, and guides interested candidates through the application process. Students interested in a co-op experience are encouraged to visit the Office of Career Services six months prior to beginning their co-op semester. Career Services staff will help students with resumes, applications, interviewing skills, and registration. A \$100 administrative fee is charged for each semester's placement, including summer. Other fees may be added.

For information about the Co-op Program, call (860) 465-4559 or refer to our web page at www.easternct.edu/career/.

Center for Community Engagement

Kimberly Armstrong Silcox, *Interim Director*

Active community involvement is a critical component of a well-rounded academic and professional experience for students, staff, and faculty. The Center for Community Engagement, located on the second floor of the Alvin B. Wood Support Services Center, supports the University's Core Values and mission by fostering an active culture of community service at Eastern Connecticut State University. In addition to gaining a deeper understanding and appreciation for the diverse communities that make up greater Windham County, community involvement can assist in enhancing academic coursework, clarifying career goals, improving organizational and communication skills, and building systems of support. The CCE supports faculty in developing and sustaining service-learning courses and promotes individual students and student organizations engaged in diverse service efforts in the community. The CCE provides resources to enhance both the quality of students' service and the learning derived from it. Advising, training, meeting and workspace, supplies, connections with community partners and other resources are provided to support effective service, positive personal interactions, and mutually beneficial relationships. The Center for Community Engagement provides direct opportunities for student service including semester and year-long service programs as well as one-time events. Students can view current opportunities at <http://cce.volunteerhub.com>. For more information visit our website at <http://easternct.edu/communityengagement> or call us at (860) 465-0684 or (860) 456-5158.

Women's Center

Raja Staggers Hakim, *Coordinator*

Located in Room 116 of the Student Center, the Women's Center promotes gender equality by critically examining cultural ideals of gender and gender relations. Through speakers, programs, movies, workshops, fundraisers, and cultural events, the Women's Center leads students and faculty in an ongoing and open-ended discussion about what it means to be a woman or a man at the dawn of a new century, and how the meaning and experience of gender is shaped by social class, ethnicity, age, religion, sexual orientation, and geographical location.

For assistance or information, call (860) 465-4313.

Wellness Promotion

Aliza Makuch, *Coordinator*

Phone: (860) 465-5281

Web address: www.easternct.edu/wellnesspromotion/

Eastern Connecticut State University is dedicated to keeping students safe, healthy and successful. Far too often alcohol and other drugs (AOD) get in the way of that goal. The Office of Substance Abuse Prevention works to reduce students' use of AOD and the negative consequences students face as a result of their and others' AOD use. The office works alongside students, faculty and staff as well as other departments and organizations on and off campus in order to create and healthy environment for all students.

Prevention Services Include:

Screening and Referral - Students are referred to the Office of Substance Abuse prevention when a faculty, staff or fellow student is concerned about their AOD use. In most situations, this referral happens when a student violates the campus alcohol policy or is found to be intoxicated on campus. Trained staff work with these students one-on-one to talk about their AOD use and to determine what support they might need in order to make safer, more responsible decisions.

Mentoring and Support Groups - Through a peer leadership network, the Office of Substance Abuse Prevention connects students with trained peers to help connect them to support services, alcohol free activities, or other positive programs/opportunities on campus.

Alcohol EDU - Alcohol EDU is an online, educational curriculum that is mandatory for all incoming first-year students.

Campus-wide Programming and Education - The Office of Substance Abuse Prevention coordinates prevention programming and educational outreach for the entire student body. These efforts are designed to increase the awareness of AOD issues and to educate the campus community on ways to make safer, healthier, more responsible decisions when it comes to AOD use. Examples of programs include: social norms marketing, special events and speakers, residence hall education and presentations, classroom discussions, and dissemination of posters, flyers and brochures.

Campus Task Force - The Office of Substance Abuse Prevention coordinates the Wellness Committee which works to ensure a positive, healthy environment for all students. The work of the Committee includes: assessment of AOD and health-related issues, campus-wide health-related programming, and policy review and revisions.

Community Coalitions - The Office works to support two community-based work groups designed to address quality of life and student behavior issues in the local community.

Peer Advocates for Safe Students (PASS) - PASS is a peer education, leadership and advocacy group whose main goal is to encourage safe decision making among their fellow students. Among other things, PASS members serve on campus committees, as peer mentors, and as programmers to bring positive, alcohol-free activities to campus. While alcohol is the biggest concern for student safety, PASS activities also focus on safe sex practices, stress reduction and other quality of life issues.

Programming for Student Athletes - The Office of Substance Abuse Prevention is responsible for coordinating the random drug testing in accordance with NCAA policies. In addition, the office is responsible for providing AOD education for all student athletes. Programming includes special events and speakers, team-based education and discussion, and individual support for students with AOD issues.

Student Health Services

Robert Jenette, M.D.; *Physician, Director of Health Services*

Christine Corrigan, A.P.R.N., *Associate Director of Student Health Services*

Julie Trainor, A.P.R.N., M.S.; *Nurse Practitioner*

Phone: (860) 465-5263

Fax: (860) 465-4560

Internet address: www.easternct.edu/depts/health

Student Health Services is located at 185 Birch Street, adjacent to Windham Street Apartments. We welcome students who have health problems and those with questions or concerns about staying healthy. Our office also provides full gynecological services for women, including yearly PAP tests and contraception.

Professional staff includes a full-time physician, a registered professional nurse, and two nurse practitioners. We see students by appointment.

Visits are free and are not submitted to your health insurance plan. For a small charge, we provide some medications and minor diagnostic testing.

Health Service Hours:

Monday: 9 a.m. – 5 p.m.

Tuesday - Friday: 9 a.m. – 4:30 p.m.

If a medical emergency occurs when the Student Health Service office is closed, students should call 911 or go to the Emergency Department of Windham Community Memorial Hospital, located at 112 Mansfield Avenue in Willimantic. Another source of immediate care for non-emergencies in the evenings and on weekends is the Med-East Walk-In Center, located in Gateway Commons on West Main Street in Willimantic. The phone number is (860) 456-1252. MedEast accepts most insurance plans including the sickness insurance policy offered by Eastern.

Health Requirements:

All new full-time students must have had a complete physical examination within one year before the date they enter Eastern. Connecticut state law requires that all full-time and part-time students must show proof of Measles immunizations, German Measles (Rubella) immunization, Chicken Pox (varicella) immunization or disease and mumps. Also, all new students must have completed a Tuberculosis screening assessment within six months before the date they enter Eastern. Students who fail to meet these requirements will not be allowed to register for upcoming semesters. For students living on campus, immunization for Meningitis is required by Connecticut State Law before moving into a residence hall. We also strongly recommend the Hepatitis B vaccine series if it has not already been completed.

All the required immunizations are available through the Student Health Service office for a fee. Please see the CSU Health Form for more specific details on health requirements. Health forms and additional health information can be downloaded and printed from our web site at www.easternct.edu/depts/health. Click on the “forms” link at the bottom of the page.

We encourage you to call the Health Services office, or stop by, if you have questions or concerns about these health requirements.

Insurance

Eastern requires all full-time students to carry comprehensive medical insurance, either a private plan or coverage available through Eastern. See the information below or log onto our website for more information about the sickness and accident insurance offered by Eastern. Also, you can get additional information at www.aetnastudenthealth.com.

Accident Insurance

As part of the student fee, each full-time student is automatically covered under an accident insurance plan, which provides the following benefits

- Coverage is for 24 hours a day, on and off campus, from August 1 through July 31, or until full-time enrollment is terminated.
- The maximum payment for an injury is \$50,000.
- For an auto accident, the maximum payment for injury is \$1,000 (for injury resulting from travel to or from an official school activity).
- For injury to natural, sound teeth, the maximum payment is \$3,500.
- Benefits under this plan are paid on an “excess” basis. This means that expenses are not paid if they are covered by another health care plan.
- This insurance supplements, not replaces, other insurance.

Sickness Insurance

All full-time students are automatically enrolled and billed for the University-sponsored sickness (health) insurance plan from Aetna unless they submit a waiver indicating they have private health insurance coverage. Details of the plan are described in the insurance booklet all students receive. If you believe you have adequate private health insurance and do not wish to purchase the Eastern-sponsored plan, you must complete an online waiver opting out of the plan. Go to our website at www.easternct.edu/depts/health and click on “Insurance Information.” Once you complete the process, the sickness insurance will be canceled and the premium will be waived. We recommend that you carefully review any private health insurance coverage you have in order to understand what rights and restrictions are contained in your policy. If you wish to discuss your health insurance coverage, please call Student Health Services at (860) 465-5263.

Full-time students who have enrolled for sickness insurance may choose to enroll eligible dependents and arrange to pay the appropriate premiums. Health insurance is also available to students attending Eastern on a part-time basis.

For specific questions about coverage, benefits, or claims, visit the insurance website listed above or call Aetna Student Health Customer Service at (800) 225-33754

Residential Life

Angela Bazin, *Acting Director of Housing and Residential Life*

A variety of living accommodations is provided for full-time undergraduate matriculated students attending Eastern. Every effort is made to provide undergraduate residences that will contribute to comfortable living in an environment conducive to study, personal growth and socialization. It is Eastern's understanding that education extends beyond the classroom and library to the campus residence halls, dining hall and student center where the exchange of ideas amongst students, faculty and staff is an integral part of the educational process. The Office of Housing and Residential Life is located in room 241 on the second floor of the Alvin B. Wood Support Services Center. For information, please call (860) 465-5297.

First-Year Residence Halls

The University maintains both traditional and suite-style co-ed residence halls for first-year students. Burnap, Crandall, Winthrop and Burr are the traditional halls with Mead and Constitution as the suite-style halls. All students in these halls must purchase the campus SILVER Meal Plan.

Upperclassmen Halls and Apartments

The University maintains suite and apartment-style residence halls for upperclassmen. Niejadlik Hall is the suite-style facility that requires the SILVER Meal Plan. Occum Hall is full-service apartments, but requires the Occum 120 BLOCK Meal Plan. Noble, Nutmeg, Laurel and Windham Street Apartments are full-service apartments where students may cook their own meals. Students in these facilities may also purchase one of the many campus meal plans. Upperclassmen may be assigned to housing at the Best Western.

Transfer Residence Halls

The University offers housing to transfer students in various campus and off-campus locations. The assigned hall(s) for transfer students varies by year. Transfer students may be assigned to a first-year or upperclassmen hall based on availability. Transfer students may also be assigned to housing at the Best Western.

For the most updated housing information, please visit the Housing website at www.easternct.edu/housing.

Housing is not guaranteed. Housing policies and procedures as stated above are subject to change at the University's discretion.

Residence Life Information

A professional residence hall director with a staff of student resident assistants is responsible for the administration of each residence facility on campus.

All rooms are furnished with beds, dressers, wardrobes, desks, and chairs. Each has lounges and laundry facilities. Most have computer labs, study rooms, TV/media rooms and several also have exercise rooms.

Students are expected to bring bed linens, pillows, bedspreads, metal wastebaskets, study lamps and other personal items subject to personal taste. Please consult with the Office of Housing and Residential Life for more information. You can also check out the Housing and Residential Life web page at www.easternct.edu/housing.

Due to space limitations, housing cannot be offered to graduate students or married students. All students living on campus must be enrolled for a minimum of 12 credits during the regular academic year.

Campus housing is conveniently located across the campus and within walking distance of all other campus buildings. The campus also provides a shuttle bus system for students to use.

All resident students are subject to rules and regulations issued jointly by the Office of Housing and Residential Life and the Connecticut State University System. Students sign a contract agreeing to abide by them and in principle to be good citizens.

Housing for Students with Disabilities

University housing for students with disabilities is available. Please contact the Office of AccessAbility Services at (860) 465-0189 for more information.

Residence Hall Fees

Fees for residence hall and food service only cover the period of time in the academic year known as the fall and spring semesters. Campus housing is closed during scheduled vacations and shutdown periods. The University reserves the right to designate campus housing for use during winter session and summer periods and when doing so students will be made aware of those opportunities and the fees associated with them.

Housing Refunds

Refunds for housing are very limited, but do exist in certain circumstances. They are typically prorated and require the withdrawal from the University by the student. For more information, please contact the Office of Housing and Residential Life (860) 465-5297 or the University Bursar's office at (860) 465-5255 or check the section in this catalog about refunds.

Food Service

All students living in the following University residence halls are required to participate in the SILVER Meal Plan: Burnap, Burr, Constitution, Crandall, Mead, Niejadlik and Winthrop Halls. Freshmen students assigned to any residential facility are required to participate in the SILVER Meal Plan. Occum Hall residents, other than freshmen, are required to be on the OCCUM 120 BLOCK Plan. No exceptions will be made. All full- and part-time students; students living off campus; and residents of Noble, Nutmeg, and Laurel Halls and Windham Street Apartments may participate in the 50 BLOCK, 75 BLOCK, 150 BLOCK, SILVER or GOLD Meal Plan. Students with medical authorization for special dietary requirements should file such authorization with the University Health Services Department. Health Services will make arrangements with food service management for preparation of required dietary needs. Other dietary needs are also accommodated by food service management. Visit our web site at expresscard.easternct.edu or call Card Services at (860) 465-5060 for more information or to request a Dining Services brochure.

Card Services Office

Gisele Stancil, *Director of Auxiliary Services*

Registered students may obtain an Eastern Identification Card from the Card Services Office located in the Wood Support Services Center, 2nd floor. A course schedule and a photo I.D. (license, passport) are needed to obtain a University I.D. card. Students retain their I.D. card each year. Undergraduate matriculated students will be sent a semester validation sticker to validate their I.D. each semester. Graduate and non-matriculated students should come to Card Services to have their I.D. validated. I.D. cards are required for use of the Sports Center and Library facilities.

Students may also participate in Eastern's EXPRE\$\$ CARD/EXPRE\$\$ CASH Program. This is a prepaid account (debit card) accessed with the Eastern Student I.D. – no need to carry cash. Students can deposit money into an EXPRE\$\$ CASH Account to make purchases

at participating locations on and off campus. EXPRE\$\$ CASH can be used at the Eastern Bookstore, for laundry machines in the residence halls; for printing, copying and late fines at the library; for campus vending machines; and for ticket purchases for Student Activities, off-campus merchants and Harry Hope Theatre events. Health Services charges, lost I.D. and fob replacement fees at Card Services can also be paid using EXPRE\$\$ CASH. Make an EXPRE\$\$ CASH purchase at any campus food service location and receive a five percent discount. Visit the web site at expresscard.easternct.edu or call Card Services at (860) 465-5060 for more information.

Campus Bookstore

The bookstore, located in the Student Center, sells textbooks; school, laboratory and art supplies; New York Times bestsellers; computer software; newspapers and magazines; clothing; health and beauty aids; snacks; and other merchandise.

ECSU Police Department

Jeffrey Garewski, *Chief of Police/Director of Public Safety*

Community policing is the hallmark of the Eastern Police Department. It underlies the operation of a safe and secure environment in which members of the university community may learn, work and live. Community policing focuses on becoming part of campus life in a more service-oriented approach. This means servicing the needs of the campus in a friendly and cooperative atmosphere.

This does not diminish the fact that the Eastern Police Department officers are state certified, having the same authority and powers of arrest as state and local police officers. This authority ensures that professionally trained personnel in law enforcement handle all safety concerns on campus.

In providing a secure campus, many safety programs have been put into place. There are emergency phones ("blue phones") and security cameras located throughout campus that are linked directly to the University Police Department. In addition to police vehicles, the University Police Department has a bike patrol that cover areas that cannot be reached by police vehicles.

Shuttle bus service is provided seven days per week as a courtesy to students. The shuttle buses are handicapped accessible.

A walking escort service is also provided by calling Dispatch at extension 55310. A card access system is in place that only allows those with proper I.D. to access halls and buildings on campus.

Parking permits, crime-prevention pamphlets, and other valuable safety information may be obtained from the University Police Department. In accordance with Section 10A-55A of the Connecticut General Statutes, a uniform campus crime report is published annually and is also available.

For emergencies both on and off-campus, dial "911"

For all non-emergencies, dial (860) 465-5310 or extension 55310 on campus

For weather hotline, dial (860) 465-4444, extension 54444 on campus, or (800) 578-1449

Campus Ministry

Rabbi Jeremy Schwartz; The Reverends Scott Bartlett, Donald Hoyle, and Laurence A.M. LaPointe

The University respects both the traditional separation of church and state and the rights of the individual regarding religious freedom. The Foundation for Campus Ministry, an

independent, multifaith agency, is active on campus. The spiritual needs of the students are met by a staff of campus ministers of various faiths. The ministers are available to assist members of the academic community with religious concerns of a personal or general nature. The Campus Ministry sponsors a variety of programs on religious, moral and social topics, both independently and in cooperation with various local and University offices. The Campus Ministry office is located in the Interfaith Center, Knight House.

Intercultural Center

Indira Petoskey, *Director of Student Support Collaborative and Intercultural Affairs*

The Intercultural Center is comprised of the Office of International Programs and the Office of Multicultural Affairs. The center is committed to the goal of building bridges between groups and developing understanding, appreciation and respect for all members of the campus community. The center also assists international students in making the transition to Eastern by providing information and guidance for ensuring University compliance with immigration regulations governing the enrollment of international students. Students can also participate in the National Student Exchange program, which is administered by the Intercultural Center. On national exchange, students have the opportunity to study at partner campuses throughout the United States, U.S. territories, and Canada.

The Intercultural Center continuously searches for new avenues and innovative ideas to actualize the University's mission in regard to diversity and multicultural understanding. The center considers itself a friend to faculty, staff, and students. The center provides a comfortable place to relax, while establishing an environment of learning and understanding. Not only does the center provide University services, host clubs, programs, and student activities, it also supports the ideas, goals, and efforts of all the University's organizations with regard to diversity. The center is located in the Student Center. For more information, call (860) 465-5749.

The Office of Institutional Advancement

Kenneth J. DeLisa, *Vice President for Institutional Advancement*

Institutional Advancement is made up of three departments – the Office of Development, the Office of Alumni Affairs and the Office of University Relations. They work in concert to promote and maintain positive bonds with alumni and friends of the university, publicize its events, programs and progress, and raise contributions for scholarships, student life enhancements and other scholastic and campus benefits that would otherwise go unfunded.

The Office of Development, managed by Director of Institutional Advancement Joseph McGann, operates the Annual Fund campaign and other mail and telephone solicitations, meets individually with gift prospects and seeks foundation grants and corporate gifts to support a broad range of scholarships and programs not funded through the university's budget.

The Office of Alumni Affairs, managed by Director of Alumni Affairs Michael Stenko, is the "friend-raising" arm. It organizes the annual Eastern Celebrates reunion and 50th anniversary class Jubilee, receptions with the President and networking social events at various Connecticut and out-of-state locations, communicates through networking sites and e-mail and tries to keep alumni in touch with what is going on with the school and one another.

The Office of University Relations, managed by Director of University Relations Edward Osborn, publishes EASTERN magazine and the more frequent online Newsflash. University

Relations is the speech-writing and public relations office for the University and coordinates university marketing and advertising initiatives. It promotes the University through publicity both outside the campus and to current students, faculty and staff.

Overall, the Office of Institutional Advancement promotes the welfare and image of the University by increasing its financial resources and communicating the culture, growth, intellectual opportunities and continual improvement of the state's public liberal arts university.

The Eastern Connecticut State University Alumni Association

Kenneth J. DeLisa, *Vice President for Institutional Advancement*

The Eastern family includes more than 25,000 alumni living around the world. The Office of Alumni Affairs encourages alumni to remain connected by participating in reunions, receptions, career and social networking, and through the academic, cultural and athletic life of the University. An engaged and involved alumni body is moving forward to manage the social, economic and technological changes occurring in today's world, thereby enhancing Eastern's reputation for preparing graduates for professional and personal success.

As stated in its mission, the ECSU Alumni Association is committed to supporting the initiatives of the university and meeting the changing needs of its alumni and current students. The Alumni Association is a private, nonprofit organization led by a volunteer Board of Directors. The Board of Directors of the Alumni Association is composed of up to 18 active members of the Association, elected to three-year terms. The president of the senior class shall also be a member of the Board of Directors. The board schedules 4-5 meetings each year.

The Alumni Association, along with the ECSU Foundation, Inc., sponsors the annual President's Leadership Awards which are presented to alumni and distinguished members of the University community.

The ECSU Foundation, Inc.

Kenneth J. DeLisa, *Vice President for Institutional Advancement*

Incorporated in 1971, the ECSU Foundation, Inc. is a nonprofit, 501(c)3 tax-exempt organization dedicated to raising private funds to support programs at Eastern Connecticut State University.

The Foundation is directed by a volunteer board of business leaders and civic-minded friends of the University.

The Foundation raises funds for a variety of purposes central to the mission and needs of the University. Funding provides for new academic initiatives, student scholarships (undergraduate and graduate), faculty awards, faculty support, and special programs and equipment not funded by the state.

The Foundation receives its support through gifts from alumni, faculty, staff, parents, students, other friends of the University, and a growing circle of corporate and foundation contributors. Through their generous support, the Foundation can continue its mission to serve the University and sustain academic excellence at Eastern.

Academic Support Services

Academic Services Center

Patricia Banach, *Interim Director*

The Academic Services Center, located on the first floor of the J. Eugene Smith Library building, provides advising and tutoring services for students in one convenient space. The center consists of four units: Advising, the Mathematics Achievement Center (MAC), the Writing Center, and the Tutoring Center. In a relaxed environment, with computers and comfortable furniture, students can seek help from both professional tutors and trained peer tutors. All subjects are covered as student needs dictate. In the Advising Center, just across the hall from the combined tutoring area, students can meet with their assigned professional advisors and seek help with various academic advising needs. The Advising Center works closely with the faculty in a dual advising model. During the academic year, the Academic Services Center is open Mon.-Thurs. 9:00 a.m. to 9:00 p.m., Fri. 9:00 a.m. to 5:00 p.m., and Sun. 2:00 p.m. to 9:00 p.m.

Advising Center

Susan L. Heyward, *Director*

The Advising Center is located in the Academic Services Center on the first floor of the J. Eugene Smith Library. The center uses a proactive approach in providing organizational support for the University's comprehensive stage-based advising system. Advising is conducted by both professional and faculty advisors, at four experiential stages of student's enrollment: (1) Pre-enrollment, (2) First-Year, (3) Exploratory, and (4) Declared.

The center administers the overall advising system for full-time students, coordinates advising services for the registration process of continuing and new students, provides students with information and assistance regarding academic matters, handles academic appeals, and provides developmental advising and other academic support services and activities to first-year, undeclared and probationary students.

The Advising Center disseminates information on academic policies, procedures, and programs to students, faculty, and staff and processes official student withdrawal from the University. It also administers the academic appeals (i.e., substitution, wavier, special permission regarding the Liberal Arts Curriculum and university requirements) and the University's academic dismissals process.

Academic appeals (except for major, minor, or teacher certification requirements) must be initiated by the student at the Advising Center. The Undergraduate Academic Appeals Form is available at the Advising Center or can be downloaded from the center's website.

Academic Advisement

Academic advising services for full-time undergraduate students are administered through the Advising Center. Academic advising for part-time undergraduate and all Bachelors of General Studies (BGS) students are administered through the School of Continuing Education.

Both faculty and professional advisors located within the Advising Center and the School of Continuing Education provide advising services for students. Eastern values academic advising for its students and urges them to take full advantage of the available academic resources. Upon selecting a major, a student is assigned a major (faculty) advisor. The Director of the

Advising Center coordinates the assignment of faculty advisors for all incoming full-time first-year, transfer, and readmitted students, undeclared, and students who change their status from part-time to full-time.

Students must declare a major no later than the second semester of the sophomore year, or before the completion of 60 credits. Students wishing to change their major must contact the appropriate department chairperson of the new major department.

Faculty advisors advise students on courses prior to registration and assist them in their overall academic progress toward graduation. However, it is the student's responsibility to become familiar with their role and responsibilities in the advising process. Inquiries concerning students' role and responsibilities; faculty and professional advisors' roles and responsibilities; academic policies, programs and procedures should be directed to the Advising Center.

Academic Assessment (Placement and Competency Testing)

Writing Placement Test

First-year and transfer students who have not fulfilled the first stage of Eastern's writing Liberal Arts Core Curriculum requirement prior to their enrollment must take the University's writing placement tests. Students who do not take the tests prior to enrollment may not be allowed to register for courses until this requirement has been met. Based on the results of the writing test, as well as other indicators of preparedness, students will be placed in composition courses that are appropriate to their skills and in which they have the greatest potential for success. Students admitted into Eastern's Honors Program are exempt from taking the writing placement tests.

Mathematics Placement Test

First-year and transfer students who have not fulfilled Eastern's mathematic Liberal Arts Core Curriculum requirement prior to their enrollment will be placed in a math course based upon their SAT or ACT math score. Students who believe that they may be prepared to successfully complete a higher-level math course than their SAT or ACT indicates may choose to complete the Accuplacer Test. If the Accuplacer Test results places the student in a higher math course than the SAT or ACT math score indicates, then the Accuplacer test results will determine placement. All non-matriculated students should consult the School of Continuing Education regarding the University's math placement requirements. All full-time and part-time students in the Bachelor of General Studies (B.G.S.) Program who have not fulfilled Eastern's LAC Tier I math requirement and whose Math Scholastic Aptitude Test (SAT) is below 600 must register for MAT 120, Algebra Concepts in Context. A student who seeks to enroll in a higher-level math course must take the Accuplacer test. Students who are admitted into Eastern's Honors Program are exempt from taking any math placement test. Transfer students who have received credit for Math 1XX are immediately placed into MAT 101 or 101W (determined with advisor). Transfer students seeking to place out of MAT 101 or 101W must take the Accuplacer Test. Transfer students who have received credit for MAT 216 are immediately placed into MAT 130, 135, or 139 (determined with advisor).

CSU Registration Policy for Students Placed in Developmental Courses

It is Connecticut State University policy that all new freshman and transfer students placed in a developmental course must successfully complete the required proficiency within their first 24 credits attempted. A student who does not successfully complete the recommended developmental course requirement within the first 24 credits attempted will be placed on academic hold. He/she will be required to register in a math course every semester until the University's Liberal Arts Core Curriculum math requirement has been successfully completed.

Registration Policy for the Completion of Eastern First-Year Liberal Arts

Core Curriculum Requirements

It is Eastern Connecticut State University policy that all students must successfully complete the mathematics, college writing, liberal arts colloquium, and health and wellness Liberal Arts Core Curriculum requirements within their first 30 credits earned at Eastern. Students who fail any of these courses in any given semester must take the course again the following semester. If a student fails to complete these courses within the first 30 credits earned at Eastern, he/she will not be allowed to register for additional courses unless his/her registration includes the required course(s).

Child and Family Development Resource Center

Jamie Klein, *Administrator*

The mission of the Child and Family Development Resource Center is to promote the positive development of young children. The center's program includes a state-of-the-art school for children of diverse cultural and economic backgrounds, support services for parents and families, teaching experience for Eastern Connecticut State University students preparing for early-childhood education careers, and professional development opportunities for child care providers. Professional development courses, demonstrations, and workshops are available using the latest in distance-learning technology. Video technology is available throughout the facility to capture and share best practices with child care providers throughout New England. This research-based environment is constantly evolving, improving its knowledge of early childhood education and services to client families. Of special note is the center's commitment to providing a multicultural, bilingual experience for client families and Eastern students, focusing on English and Spanish. The center serves as a hub for innovation in Connecticut where new approaches to improving the lives of children and families can be designed and studied. Eastern's early childhood education program is accredited by the National Council for Accreditation of Teacher Education (NCATE) and the National Association of Education for Young Children (NAEYC).

Computing Resources

Joseph Tolisano, *Chief Information Officer*

Eastern provides a wide range of computing resources to the University community. All students have access to the Internet, including wireless connection in designated areas, e-mail, discussion groups and office productivity tools. Faculty members have incorporated these tools into their courses. Student technology account assistance and general information regarding computing at Eastern can be obtained in Webb Hall Room 410, or online by visiting Eastern's Passport to Technology website at www.easternct.edu/portal/passport.

A general-purpose lab containing more than 100 computers, along with network laser printers and flatbed scanners, is located on the fourth floor of Webb Hall (Room 410) and is open approximately 100 hours per week. Throughout the campus, computer labs are equipped with over 793 additional systems. Two of these contain equipment that directly supports the Visual Arts and English Departments' programs. In addition, all classrooms are multimedia-enabled for LAN/Internet access and video presentations. Classrooms, labs and the network are upgraded regularly to incorporate developing technology.

Various departments, such as Mathematics/Computer Science, Biology, and Environmental Earth Science, have established specialized computer labs in support of their curriculum. The Center for Instructional Technology and other information technology resources are located within the J. Eugene Smith Library.

eWeb, Eastern's Online Services (<http://eweb.easternct.edu>), provides access to online admissions, course catalog, course offerings, registration, grades and related academic history, tuition and fee payment by credit card and financial aid information

Eastern also maintains a web server (www.easternct.edu) with information on admissions, academic programs and campus life. The server provides links to faculty and department publications, and external sites of interest. Eastern's Blackboard Vista at <http://www.easternct.edu/portal> is a course management system used by many faculty to enhance and supplement courses offered on campus. It also provides access to online materials for Eastern Online courses. Group study rooms are available in the library. Students can sign out laptops and work on projects using a large LCD screen to facilitate work. The group study room is located in Library 232.

Client/Server technology is available through the extended campus Local Area Network (LAN). The LAN is gigabit-based, delivering 100Mbps to each desktop. Eastern's LAN is linked to the Connecticut State University network. High-speed and cable TV connections to the Internet and on-campus web-enabled resources are available in all resident hall rooms.

The J. Eugene Smith Library

Patricia S. Banach, *Director*

Librarian:

Kristin Jacobi, *Technical Services, Head Cataloger*

Associate Librarians:

Carol Abatelli, *Head of Collections and Electronic Resources Management*

Carolyn Coates, *Technical Services, Acquisitions*

Hope Marie Cook, *Public Services, Curriculum Center*

Susan Herzog, *Public Services, Reference and Information Literacy*

Tara Hurt, *University Archivist, University Archives & Special Collections*

Gregory Robinson, *Head of Public and Research Services*

Assistant Librarians:

Bruce Johnston, *Systems Librarian*

Carol Reichardt, *Public Services, Reference*

Sandra Rosado, *Head of Technical Services*

Tracy Sutherland, *Public Services, Interlibrary Loan*

Janice Wilson, *Public Services, Reference*

The library offers a broad range of services and programs to students and faculty:

- The library participates in CONSULS, a shared library information system of five libraries that provides online access to their holdings and periodical indexes, abstracts, and full text titles.
- The library has more than 390,000 volumes of books and approximately 1,000 print magazines and journals and access to thousands more through its subscriptions to online databases. There are more than 90 computers in the library for users to access the electronic library and the web.

- The reference staff provides research assistance for all subjects related to the University programs including electronic access to a wide variety of computerized databases, the majority of which may be accessed directly, both on and off campus.
- Course-related materials reserved for special use are kept at the circulation desk. Some reserve materials may be checked out for overnight or one-week use. Some reserves may be used only in the library. Various multimedia equipment is provided to users for viewing and listening purposes in the Multimedia Reserves area. Many course readings are available full text online through the course reserve feature in the online catalog.
- Materials not available in the Eastern collections may be secured from other libraries through interlibrary loan. Students, faculty and staff may request circulating library material from any CSU library to be delivered by courier to the J. Eugene Smith Library. In addition, the library participates in state, regional and national interlibrary loan consortia that promote free exchange of materials between libraries.
- Electronic access is provided through CONSULS gateway or the library's web page, including the library's subscribed databases in various formats, full-text titles, online catalogs of other libraries, Internet resources,
- Copiers are available for patron use at 10 cents per copy. A public fax machine is also available on the second floor. For microforms, the library provides reader/printers for reading, printing, downloading, etc. Students, faculty and staff can print from their authorized campus user accounts for five cents per page, using their EXPRES\$ Cash Card or change.
- The professional library faculty provides formal user education to students in the use of the collections and electronic databases for term papers and reading assignments. Workshops are conducted for faculty and staff groups upon request.
- The library develops exhibits for special events and topics of campus concern.
- A Special Services room provides hardware and software in assistive technology.
- A security system helps preserve the collection for use by all.
- Teleconference services are provided with links in over 12 rooms in the library.
- The library is a depository for U.S., Connecticut state government and Canadian documents.
- The library provides services to distance learning through its Outreach Services program.
- The library has a web page, which provides access to an electronic collection that consists of more than 140 databases, many with extensive full text content. Visit the site at www.easternct.edu/smithlibrary/ to view databases by subject or an A-Z list of databases.

Library Policies and Procedures

Library privileges are extended to all residents of Connecticut 18 years or older. Borrowers must present an identification card with a photograph, preferably a driver's license. For undergraduate students, the identification card is their University ID. Fines are charged for late materials, and library privileges and transcripts are withheld from delinquent borrowers. Most books circulate for four weeks and may be renewed. Periodicals and reference materials do not circulate. Reserve materials assigned by faculty members circulate as indicated on each item. Most reserve materials may be used only in the library. Materials charged out to other borrowers may be recalled for individual use, and interlibrary loans from other libraries may be requested online via the Iliad system. Borrowers are responsible for the cost of replacing books damaged or lost in circulation.

The library bills for lost books at the cost for a new copy (determined by consulting price lists from major book vendors), plus accrued fines and a processing fee to cover shipping and re-cataloging. If a billed and paid for book is returned within one year of payment, the library may refund the replacement cost of the book, if it has not already been replaced, but not the accrued fines or the processing fee. No part of the billing will be refunded if the billed book is returned later than a year from payment.

The library provides dozens of computers for students, faculty and the community to use for academic and research purposes. They are not intended for recreational, commercial, or other uses. The library abides by the University's Computer Policy and Policy on Student Use of University Computer Systems and Networks. These policies are posted at <http://www.easternct.edu/smithlibrary/services/internet.htm>. A number of study rooms are available for the use of Eastern faculty, staff and students. For specific guidelines, please see the library's web pages at www.easternct.edu/smithlibrary.

Library Hours

Regular library hours, as well as variations due to weather or University holidays, are posted in the library, listed in the Student Handbook, and on the library's home page. You may also call toll free (877) 587-8693.

Library Exchange Privileges

Eastern students have on-site use of and borrowing privileges at the University of Connecticut library upon obtaining a library card from the host university. The library also participates in the CCALD Reciprocal Borrower program. Regulations are the same as those governing students at the host institutions.

Archives and Special Collections

The Eastern Connecticut State University Archives and Special Collections is located on the fourth floor of the J. Eugene Smith Library. Hours are Monday through Friday 9 a.m. to noon and from 1 to 4 p.m., and by appointment. The primary mission of the University Archives is to appraise, collect, preserve, organize and provide access to records, print material, photographs, memorabilia and other historically valuable materials relating to the history of Eastern Connecticut State University.

The David M. Roth Center for Connecticut Studies

Barbara M. Tucker, *Director*

The David M. Roth Center for Connecticut Studies was established in 1970 to provide resource materials and assistance to those interested in Connecticut's history and culture. The center is located on the fourth floor of the J. Eugene Smith Library.

The center collects primary and secondary source materials documenting both current and historical issues on Connecticut. They include monographs, bibliographies, newspapers, microfilm, journals, dissertations, and census materials relating to the state. As a depository for Connecticut State documents, the center receives official state publications. The center also holds the Windham and Willimantic Archives, a folklore collection, and other manuscripts.

The center sponsors formal graduate and undergraduate courses; workshops and conferences for students, teachers, members of local historical societies, and the scholarly community; and free in-service and consultation for the general public. The center staff also supervises the New England Studies minor.

In addition, the center's publication program includes the "Series in Connecticut History," a five-volume survey of Connecticut from Hooker to Grasso; "Remembering Willimantic: Community and College"; a resource guide, titled "Celebrate Connecticut, 350 Years"; and occasional publications on Connecticut life and culture.

The Center For Educational Excellence

The Center for Educational Excellence (CEE) promotes excellence in teaching and learning at Eastern Connecticut State University and in the Connecticut State University System. CEE is divided into two programs: 1) faculty and professional support services, and 2) the First-Year Program. CEE also works closely with and is housed in the same office as the Center for Instructional Technology (CIT). CIT provides hands-on technology support for faculty on an individual, small group, and departmental basis. In addition, CEE works with the Eastern Grants Office to make funding opportunities and information available to faculty and staff and with the Center for Community Engagement (CCE) on faculty development for service learning projects.

The goals of CEE are to support faculty in the following areas: to enhance excellence in teaching, to enhance the effective use of technology in teaching and research, to promote scholarly research and creative activities, to enhance professional and service activities, and to sponsor support programs for special faculty groups, such as orientation, workshops, and social events for new faculty. CEE activities include seminars, workshops, videoconferences, course design programs, on-line learning communities, and individual consultations.

Media Services

Nicholas Messina, *Director*

Eastern's Media Services is located in Room 134 on the ground floor of the Communication Building on the North Campus. Media Services provides a large variety of audio and video support services for Eastern's administrative, academic and public service programs and is the home of Channel 22, Eastern's own cable-TV station. Media Services also supports the Communication Department's TV studio and editing facility, as well as the campus' multimedia classrooms. Additional information is available on Eastern's website at www.easternct.edu.

The David T. Chase Free Enterprise Institute

Kenneth M. Parzych, *Director*

The David T. Chase Free Enterprise Institute seeks to promote an understanding and continued interest in issues relevant to our nation's economy. The institute maintains a cooperative and supportive alliance with the educational, corporate, and civic communities in promoting entrepreneurship. Professional workshops, colloquia, panel discussions, and publications serve the needs and interests of the corporate, civic, academic and small business communities.

The Institute for Sustainable Energy

William M. Leahy, *Chief Operating Officer*

The Institute for Sustainable Energy at Eastern Connecticut State University was established in 2001 to promote an improved awareness and understanding of sustainable energy use.

The institute focuses on matters relating to public policy concerning energy, efficient use of energy, use of renewable energy resources, protection of environmental resources, and the dissemination of information to users and providers of energy.

The goals of the institute include the promotion of proven solutions and models of sustainable development in the region, the application of sustainable energy strategies, the use of knowledge to empower local solutions to energy needs and the integration of technical and social resources for equitable applications of energy options. The institute provides technical assistance to local communities, public schools, and area colleges.

Located at 182 High Street in Willimantic, the institute is open to the public and hosts meetings, conferences, workshops, and roundtable forums.

Undergraduate Academic Policies and Procedures

UNDERGRADUATE GRADUATION REQUIREMENTS

Eastern offers the degrees of Bachelor of Arts, Bachelor of Science, Bachelor of General Studies, and Associate in Science.

To graduate with a bachelor's degree from Eastern, students must meet the following criteria:

1. Accumulate an overall grade point average of at least 2.0.
2. Complete the Liberal Arts Core Curriculum.
3. Fulfill the requirements for an academic major.
4. Fulfill all levels of the University writing requirements.
5. Complete at least 60 credits in courses at the 200 level or above, of which at least 30 credits must be on the 300 or 400 level.
6. Fulfill the residency requirement.
7. Earn a minimum of 120 credits.
8. Fulfill the Foreign Language Requirement, unless met upon admission.

The responsibility of fulfilling graduation requirements rests with the student. Because the Eastern curriculum is dynamic and constantly evolving, requirements may change over time. However, students must meet all requirements of the catalog which is in force at the time of matriculation in a degree program.

For those students whose matriculation is interrupted, the standards of the catalog for the semester of readmission are in effect. For assistance in planning a program of study and to make certain that all requirements for the major and the degree are met, students should consult with their academic advisor before enrolling in courses and at other times as necessary. The Registrar's Office maintains official University records for all students; however, students are urged to keep a personal academic file containing a copy of the catalog under which they were matriculated, transfer evaluations, grade reports, records of program changes, course withdrawal forms, academic warnings, and all other official notifications or communications. It is the student's responsibility in the senior year to obtain an application for degree from the Registrar's Office and file it no later than: February 15, for the completion of degree requirements in August; June 15, for completion of degree requirements in December; October 15, for completion of degree requirements in May.

Matriculation

Students may matriculate as either full-time or part-time students, and they usually make this decision as they apply for admission. However, occasionally a student chooses to change status, suspend studies, or withdraw, in which cases the following rules apply:

Change of Matriculation Status

Any change of matriculation status (i.e., from a full-time student to a part-time student in the School of Continuing Education) must be approved by the Registrar's Office. After the first week of classes, students may not change their matriculation status for the semester in process.

Leave of Absence from the University

Leaves of absence are granted to full-time students who need to interrupt their studies. Leaves are routinely granted for one or two full semesters, but not less than one full semester, to students who intend to return to the University. A leave may not exceed six semesters.

Forms to file for a leave of absence are obtained from, and returned to, the Dean of the School in which the student is matriculated. Students must specify the semester in which they expect to return. A dismissal from the University supersedes a leave of absence. A leave of absence is recorded on the student's official transcript. Students on leave must contact the Registrar to receive an appointment for registration for the semester of their planned return. Failure to register for the approved return semester will result in withdrawal from the University; a student wishing to return after the approved return date must apply for readmission.

Withdrawal from the University

A student may withdraw from the University at any time prior to the end of classes. Such action should be initiated by full-time students in consultation with the Director of Advising Center and part-time students in consultation with the Dean of Continuing Education.

It is in the student's best interest to follow proper procedures for withdrawal. Most students will, at some point in the future, need verification of their college record in order to apply to another school or for employment. Students who apply for readmission to the University following withdrawal may also need verification of good academic standing at the time of application for readmission. Furthermore, failure to withdraw properly from the University may make it impossible to make refunds or provide recommendations. Financial aid recipients should check the impact of withdrawal on present and future aid at Eastern. Students must complete a withdrawal form prior to the end of classes and submit their current student identification card to the Advising Center or the School of Continuing Education.

RESIDENCY

Undergraduate Residency Requirement

Eastern Connecticut State University has a residency requirement for the associate and baccalaureate degrees. The final 15 credits of the associate degree must be taken at Eastern. Thirty (30) credits of the baccalaureate degree must be taken at Eastern, with 15 credits of the major completed at Eastern.

On rare occasions exceptions to residency requirements are made. Requests for exceptions are approved by the Academic Advisement Center for full-time students and School of Continuing Education for part-time students. The approved exception request must be on file with the Registrar's Office prior to/ or with the student's application for degree.

Earning Eastern Credits for Coursework Taken Elsewhere

To obtain credit for courses taken outside of Eastern, students must comply with the following requirements:

- Complete an "Approval To Take Courses Outside of Eastern" form and obtain applicable approval signatures prior to registering for a course at another institution.
- Forward completed and approved form to the Registrar's Office.
- Make sure an official transcript of final grades is forwarded to the Registrar's Office immediately after completion of the course.
- After the beginning of the junior year, such courses must be taken at an accredited four-year institution.

Credits for courses taken at other institutions with a grade of “C-” or better may be transferred to Eastern. Grades in such courses are not computed in the student’s cumulative GPA, unless the courses are taken under specified exchange programs.

The University reserves the right to determine the validity of courses taken more than seven years prior to application for transfer. Eastern students who are considering taking courses at other institutions are subject to the University residency requirement.

Exchange of Students Between Institutions in the State System of Higher Education

Students enrolled at Eastern may, from time to time, benefit significantly from taking a course not available at Eastern but offered at another state university, regional community college, or the University of Connecticut.

Full-time students in good academic standing who have paid their tuition in full for the semester in which the exchange is anticipated may be admitted, without further charge, to any appropriate course offered by any other institution within the Connecticut State University System, the Regional Community College system, or the University of Connecticut, provided the admitting institution can accept the student without depriving its own students of an opportunity to take the course. The student’s admission to such courses must be recommended by an appropriate academic officer at Eastern. One course is the norm during any one semester. Guidelines for the program follow.

1. Students must be enrolled for a minimum 12 credits at Eastern for the semester.
2. Students must consult with their academic advisors to determine the need for taking a non-Eastern course. The specific course and its scheduled availability should be identified to determine its impact on the student’s course schedule at Eastern.
3. The appropriate forms can be obtained from the Advising Center, J. Eugene Smith Library, Room 109, and should be returned to the Director of the Advising Center.
4. Students admitted to the course will register under the procedures for unclassified students in the host institution. A transcript record of credit earned must be forwarded to the Registrar’s Office immediately after the course is completed.
5. Students who have paid the maximum tuition and fees of full-time students at their home institution are exempt from further charges except laboratory or other special fees. Copies of their receipted fee bills will be accepted by the host institution in lieu of payment.

Credits received under these provisions will be treated as though they were earned at Eastern and will become a regular part of the student’s transcript. Further information regarding the program can be obtained by contacting the Advising Center. Courses taken outside the Exchange Agreement are subject to regulation above.

CLASS RANK

Student class rank, which sometimes determines eligibility for courses, for some student activities, awards, and for registration priorities, is based on the total credits completed and recorded and is classified each semester according to the following system:

Rank Earned Credits

Freshman	0-29
Sophomore	30-59
Junior	60-89
Senior	90+

Bachelor's Degree Course Requirements

The courses required for a bachelor's degree assure that a student's program of study includes a balanced combination of the liberal arts core curriculum, major courses that build expertise, and elective courses through which the student may pursue special interests, including minors. Typically, a student's program involves cumulative work in each of these areas, with the balance ultimately reached in the following manner:

Specifications for meeting the Liberal Arts Core Curriculum can be found on page 67. Specifications for meeting requirements in the major area of study can be found under the relevant major in the department section.

Students should be aware that additional requirements may be imposed for certification or licensure (even once a plan of study has been prepared) if such requirements are imposed by outside licensing or accrediting agencies. A plan of study may be subject to revision to reflect such additional requirements.

The B.A. or B.S. Degree

Newly admitted students must complete the following degree requirements for a B.A. or B.S.:

Credits

Liberal Arts Core Curriculum	46
Major Area of Study	30-66
Note: Business Administration	66
Electives	7-46
Total (minimum)	120

The B.G.S. Degree

Liberal Arts Core Curriculum	46
Major Concentration (a minimum of 15 credits in the major concentration must be taken at Eastern)	30
Minor Concentration	15
Electives	28-31
Total (minimum)	120

Note: One of the two required B.G.S. concentrations must be from a discipline in the School of Arts and Sciences.

Interdisciplinary Major Concentrations are available in the following areas: Business Management, Environmental Management and Policy, Human Services, Information Systems Management, Public Health and Sustainable Energy Management. For details visit: <http://continuingeducation.easternct.edu/undergrad.htm>

Substitutions or Waivers of Requirements

Any substitution or waiver of major requirements must be approved by the chairperson of the department in which the student is a major. Appeals for specific course waivers or substitutions for the Liberal Arts Core Curriculum may be approved by the Advising Center Director for full-time students, and the Dean of Continuing Education for part-time students. All approved substitutions or waivers must be filed in writing with the Registrar's Office.

For all major and minor programs, the following rules apply:

Major and Change of Major

At least 15 credits in the major must be taken at Eastern.

All students must declare a major by the end of the semester in which they have accumulated 60 credit hours toward graduation (by the end of the sophomore year). Students who have not declared a major, but who have accumulated 60 or more credit hours, may not be permitted to register for classes. Students entering with 60 or more transfer credits must declare a major by the end of their first semester on campus.

Changes in major for full-time students must be submitted first to the chairperson of the academic department responsible for the desired major. An academic advisor will be assigned by the department chairperson. Students changing their status from declared major to undeclared must submit this change with the Advising Center.

Full-time students having no declared major will be classified as undeclared and will be assigned to an advisor by the Advising Center until they identify a major with the academic department of their choice. Part-time students should contact the School of Continuing Education for declarations/changes of major. All part-time students will be assigned the School of Continuing Education as their initial advisor.

Because major programs of study are usually designed to build abilities sequentially and connect with the LAC in different ways, students should select their specific major program early in their career.

Pre-Major Information

Students interested in pursuing a degree in a major that requires admission by the department for the major will be classified as Pre-(major name) and will be assigned to an advisor by the Director of the Advising Center. Students will be reclassified as actual majors and reassigned an advisor, if applicable, once they have fulfilled the department's admission requirements.

Double Major

Students who wish to graduate with more than one official major may do so by completing the following requirements:

- Liberal Arts Core Curriculum
- Specific department requirements for each major
- Submission of a declaration of their intention to the Academic Advisement Center prior to completion of their fifth semester or 77 credits, whichever comes first, so that the student can be assigned an academic advisor for each major.

Students who complete more than one major must inform the Registrar's Office which degree they wish to have conferred when they submit their application for degree form. The official transcript of each student will certify which degree is earned and which major or majors and minor have been completed.

Individualized Major

The Individualized Major Program is a student's self-designed interdisciplinary plan of study, which consists of courses from two or more disciplines and results in a B.A. or B.S. degree. The self-designed Plan of Study allows the student to take courses in areas that naturally compliment each other in today's workplace, and to develop a strong educational basis in at least one subject to facilitate entrance into a graduate program. See page 72 for details.

Majors with B.A. or B.S. Option

Students in the Departments of Biology and Mathematics have the option of earning either the B.A. or the B.S. degree. Biology and mathematics majors should declare their degree option before the end of the sixth semester.

Minor

A minor consists of an approved planned program of study of at least 15 credits. In such cases where majors, minors, and liberal arts core curriculum share courses, a minimum of nine credits must be unique to each minor. Declaration of a minor must be submitted to the Registrar's Office. The number of credits or courses that must be taken in residence at Eastern for the minor will be determined by each department, subject to approval by the appropriate dean.

Advisement and the Academic Advisement Center

The academic advisement of students is carried out by faculty and the professional staff of the Advising Center and the School of Continuing Education. Eastern values academic advisement for its students and urges them to take full advantage of the available academic resources. Upon selecting a major, a student will be assigned a major (faculty) advisor. The Director of the Advising Center assigns faculty advisors for all new full-time freshmen and transfer students, readmitted students, undeclared students and students who change their status from part-time to full-time.

The academic advisement program for full-time undergraduate students is coordinated through the Advising Center. The academic advisement program for part-time students is coordinated by the School of Continuing Education located in Shafer Hall.

The Advising Center, located in the J. Eugene Smith Library, Room 109, provides organizational support for a variety of undergraduate advising functions on campus, as well as additional forms of academic assistance for full-time undergraduate students. For additional information, see Academic Support Services.

ENROLLMENT IN COURSES

Undergraduate Course Loads

The standard course load for a full-time student is 15 credits per semester. A full-time student must carry a minimum of 12 credits per semester, but can register for up to 17 credits during the initial registration period. In addition, during the open add/drop period, up to 19.5 credits may be taken by students who have attended Eastern full-time for one semester and have a cumulative grade point average of 2.7 or better. Up to 21 credits may be taken by those who have a cumulative grade point average of 3.5 or better and who carried at least 18 credits in a previous semester at Eastern. No student will be allowed to register for more than 21 credits in any given semester. On rare occasions, exceptions to the course load requirements are made. Exceptions to these policies must be approved by the Advising Center Director and must be filed with the Registrar's Office.

Credit Course Limit for the Summer Term

Students can take a maximum of 12 credits overall for the entire summer without special

permission from the Dean of the School of Continuing Education. Credit limits for Summer Sessions are: (a) through the end of Summer Session A, students may take up to seven credits; (b) during Summer Sessions B and C, students may take up to seven credits. Note: a student enrolled in Session C (three weeks) may not also enroll in an overlapping weeklong, intensive course. The Dean of the School of Continuing Education may approve a registration for up to three additional credits for a total of 15 credits provided that the student is in good academic standing.

Course Credit Limit for the Winter Term

During winter session a student may enroll for a maximum of four credits. In rare instances a student can be given permission by the Dean of the School of Continuing Education to enroll for up to a total of seven credits for the entire winter session provided that (a) the courses are offered sequentially; and (b) the student completed the first course with a grade of B or higher, or the student's overall GPA is 2.5 or higher.

Registration Policies and Procedures

Continuing students register for courses during the current semester for the next semester. Registration appointment dates and materials are sent from the Registrar's office to each student. Upon receipt of the appointment letters, students should plan a tentative schedule, and make an appointment with their advisor to go over their course plan, to address any questions, and to secure the advisor's approval of the plan.

New students are notified of their advisement and registration dates by the Admissions office and/or the Advising Center. A student may register for courses at a time other than officially scheduled only with the permission of the Registrar. Before attending registration sessions, students should see to any outstanding financial obligations and obtain any necessary special approvals or written permissions.

Undergraduate students wishing to register for graduate courses must obtain the permission of the Dean of Education and Professional Studies.

Students may not register for courses and be allocated on-campus housing until required fees have been paid and the medical examination form, supplied by the University, has been properly completed. Applicants who have been accepted and who do not meet deadline requirements as set forth in correspondence concerning their admission to the University will have their approved matriculation canceled. Failure of students to fulfill their financial obligations also results in (1) the deletion of courses for which they have registered; (2) removal of their names from the class list; and (3) postponement of registration for courses until a later date. Such students may not be able to rearrange the schedule originally established.

Course Changes or Cancellations

The University reserves the right to change the time a course is offered, and it reserves the right to cancel any course listed for the semester if there is insufficient student demand or resources for the course.

Student Course Schedule Changes

Eastern encourages students to plan their studies carefully and to register in advance for courses during official registration periods. For those exigencies that require students to alter their schedules, the following means are available:

Adding Courses

Students may add full-semester courses through the first week of the semester without written approval. During the second week, courses may be added with written approval from

the instructor. Students may add less than full-semester courses prior to the first day of the class. During the first week, the course may be added with written approval from the instructor. In all cases, it is the responsibility of students to confer with their advisor before making changes to their schedule. In all cases add requests are only official with final approval by the Registrar's Office.

Dropping Courses

Dropping a course or courses should be carefully considered and undertaken only after discussion with the student's academic advisor. Any reduction in course load may affect a student's eligibility for financial aid, participation in intercollegiate athletics, health insurance, etc.

- *Students may drop full-semester courses through the first two weeks of the semester.*
- *Students may drop less than full-semester courses within the first week of class.*

After the first week of the semester, a full-time student for whom dropping a course would reduce their credit course load to fewer than 12 credits must request a withdrawal from the course. In all cases, it is the responsibility of students to confer with their advisor before making changes to their schedule. Due to immigration regulations, international students should consult with the coordinator of international programs.

In all cases drop requests are only official with final approval by the Registrar's Office. Courses dropped by the established dates will not appear on a student's permanent academic record. Courses not dropped officially by the deadline will appear on a student's academic record with the appropriate grade assigned.

Withdrawing from Courses

If students wish to reduce their course load after the deadline for dropping the course, they must obtain a withdrawal form from the Registrar's Office. Full-time students who wish to withdraw from all of their courses must follow the Withdraw from the University process.

The withdrawal form requires the signature of the student's academic advisor as well as a grade from the instructor. The instructor will indicate a grade of WP (withdraw passing) or WF (withdraw failing) on the form. The WP grade will be used only when a) the student is passing the course or b) the instructor has insufficient evidence for measuring a student's performance at the time of withdrawal. The WP/WF grade will be recorded on the student's permanent transcript but will not be used in calculating the grade point average. The completed form must be submitted to the Registrar's Office. Withdrawing from a course does not change your enrollment status. However, it may affect a student's eligibility for financial aid, participation in intercollegiate athletics, health insurance, etc. Due to immigration regulations, international students should consult with the coordinator of international programs prior to withdrawing from a course.

The course withdrawal deadline for full-semester courses is no later than the 10th week of the semester. The course withdrawal deadline for less than full-semester courses is no later than the end of the second third of the course. If students have not withdrawn officially from a course before the deadline, the course will appear on their academic record with the appropriate grade assigned.

Special Enrollment Options

Though Eastern encourages students to engage seriously in coursework for graded credits from the outset, students may sometimes find that they need to proceed with caution or to repeat work. The following enrollment options facilitate such decisions.

CREDIT/NO CREDIT COURSES

Student-Selected

Students have the option to include up to four courses to be taken on a credit/no credit basis in addition to University-designated credit/no credit courses. Courses in the student's designated major, minor, concentration, the Liberal Arts Core Curriculum, entrance requirements (such as the foreign language requirement), or for any other University requirements cannot be placed on credit/no credit. Only one student-selected credit/no credit course may be taken in any one semester. Students must file the appropriate form with the Registrar's Office no later than the 10th week of the semester for courses which fall within the regular semester schedule. For all other courses, no later than the end of the second third of the course. If the work is above passing, the course is recorded on the permanent record as credit (CR). If the work is below passing, the course is recorded on the permanent record as no credit (NC). The grade for a course placed on credit/no credit does not affect the grade point average.

University-Designated

Students should note that a limited number of credit/no credit courses are offered at the option of the department and with the approval of the appropriate academic dean. If the student's work is above passing, the credit is recorded on the permanent record as "CR" and credit is given with no grade point assigned. If the student's work is below passing, the course is recorded as no credit "NC." For these courses the student has no option.

Auditing Courses

Persons who do not wish to register for credit may be permitted to register as auditors under the following circumstances: they pay the regular fee; obtain written consent of the instructor and their advisor; audit only courses for which there are adequate classroom and laboratory facilities; and, if a full-time student, carry a minimum of 12 credits of non-audited courses.

Students who audit courses should do so with the intention of attending all class sessions and fulfilling work agreed upon in advance with the instructor. Audit status may not be changed to credit status. A student may take a course for audit that previously had been taken for credit. Auditors are subject to any academic conditions mutually agreed upon in advance by instructor and student. Audited courses may be taken for credit during a later semester.

It is the student's responsibility to return the course audit contract with appropriate signatures to the Registrar's Office by the deadline date. The "AU" designation will be placed on the transcript for a course placed on audit.

Repeating Courses

- An undergraduate course in which a student earned a grade of C or higher cannot be repeated for a letter grade. It can only be audited.
- If the student earned a C-, D+, D, F, CR or NC in a course, the student can repeat the course for a letter grade, but cannot place it on credit/no credit.
- The following rules apply to each of the first three different courses repeated for a first time:
 - a) If the first grade was C-, D+, D, or F, then the higher of the two grades earned in the repeated course will be calculated in the grade point average, and credits will be earned only once.

b) If the course was placed on credit/no credit when taken the first time, then the letter grade earned from the repeat will be calculated in the grade point average, and credits will be earned only once.

- All grades earned in subsequent course repeats, whether they pertain to courses repeated once already or courses repeated for the first time, will be calculated in the grade point average. However no course may be counted more than once toward the credits needed for a degree.
- The transcript will show all grades earned, both those calculated in the grade point average and those not calculated.

COURSEWORK REQUIREMENTS

Instruction

At the first class session, students will receive a syllabus from the instructor. The syllabus explains the course objectives, outlines the coursework, and designates textbooks and other tools the student must acquire to undertake the course. The syllabus routinely provides information about the instructor's grading practices and methods of evaluating student work; examinations; written assignments; workshops; tutorials or conferences and other specific requirements; attendance policies and office hours and other means of contact outside of class.

As a general rule, students should assume the following obligations as they undertake coursework: to spend at least two hours in preparation or study outside of class for each hour in class; to purchase any required texts or tools; to submit all required assignments; to attend all scheduled examinations; and to observe attendance policies as announced by the instructor.

GRADES AND ACADEMIC STANDING

Grade Point System

The semester grade point average (GPA) is calculated by a three-step procedure: (1) multiply the grade points for each course by the number of credits for that course; (2) add the figures for each of these courses to arrive at a grade point total; (3) divide this grade point total by the total number of credits for which a grade was received. The cumulative GPA is calculated similarly, taking into account all courses taken in residence.

Grades for students in the undergraduate programs of the University are reported and valued as follows:

Grade Points	
A	4
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0 <i>satisfactory</i>
C-	1.7
D+	1.3
D	1.0 <i>minimum passing performance</i>
F	0.0 <i>failure; no credit</i>
I	0.0 <i>incomplete</i>
CR/NC	0.0 <i>credit/no credit</i>

AU	0.0	<i>audit</i>
W	0.0	<i>withdrawn</i>
WP/WF	0.0	<i>withdrawn passing/withdrawn failing</i>

A cumulative GPA is carried for all students for all courses taken at Eastern Connecticut State University.

Incomplete

Instructors may award the grade of “Incomplete” when students are temporarily unable to fulfill course requirements because of illness (documented) or other verifiable emergency. Instructors must file a form with the Registrar’s Office indicating the reason for the “Incomplete,” the work which the student must finish, and the time by which it is to be completed. A copy will be given to the student, and it is each student’s responsibility to complete the work within six weeks after the beginning of the first full semester following the granting of the “Incomplete.” If grades are not submitted by the deadline, an official grade of “F” will be recorded.

In unusual cases, an instructor may request from the appropriate dean an extension of time. To assist students and instructors in evaluating circumstances justifying the granting of an “Incomplete,” the following represent sample cases in which an “Incomplete” will not be granted:

1. Students missing the final examination and carrying “F” at that time.
2. Students asking to improve their grades by doing extra work.
3. Students requiring additional time to complete regularly assigned work, in the absence of a clearly defined emergency.

Appealing Final Grades

A student may appeal the final grade given in a course. Explicit information about the procedures for initiating this process can be found in the Student Handbook and Faculty Handbook.

Academic Excellence

The University recognizes academic achievement in various ways, including the following:

Dean’s List. Recognition for academic excellence is given at the end of each semester to full-time matriculated students in good standing with a semester GPA of 3.50 or higher. In order to be eligible for consideration, the student must have registered for and completed at least 12 credits in letter-graded courses during the semester in question and have no “Incomplete” for the semester.

Recognition is given at the end of each semester to part-time students who have accumulated 15 credits of letter graded course work and have earned a grade point average of 3.50 or higher. All grading rules that apply to full-time Dean’s List apply to part-time Dean’s List recipients.

There are two exceptions:

1. Full-time students, enrolled in student teaching or departmentally-required, University-designated, credit/no credit practica or internships, and lacking 12 credits in letter-graded courses, must earn a grade of CR and have a cumulative GPA of 3.50 or higher, including the semester in question, to be placed on the Dean’s List.

2. Students with “Incomplete” grade(s) are evaluated for Dean’s List eligibility when all of their “Incomplete” grade(s) are changed to final grades.

University Honors Scholars. Honors Scholars who fulfill Honors Program requirements, including successful presentation of their Senior Thesis work, are recognized at Commencement. Their transcripts designate them as University Honors Scholars.

Commencement Honors. Students graduating with a cumulative grade point average of 3.50 or better for all course work completed at Eastern, and who have completed 45 credits in residence at Eastern, are recognized as honor students with the following designations:

Average of 3.50 - 3.69	<i>cum laude</i>
Average of 3.70 - 3.89	<i>magna cum laude</i>
Average of 3.90 - 4.00	<i>summa cum laude</i>

Dean’s Distinction. Graduating students who have achieved a 3.50 or better cumulative grade point average but who have not completed 45 credits in residence at Eastern, will receive the Dean’s Distinction Award.

Academic Standing: Warning, Probation, and Dismissal

Students who do not maintain a cumulative grade point average (CGPA) of 2.0 will be placed on academic probation or dismissed from the University. A first-semester freshman whose grades are below a GPA of 2.0 at mid-semester may receive an academic warning that probation or dismissal will result if the student’s grades are not improved by the end of the semester.

A student is subject to dismissal from the University if his/her cumulative GPA is:

- less than 1.8 with up to 30 credits attempted
- less than 1.9 with 30.01 to 45 credits attempted
- less than 2.0 thereafter

Students placed on academic probation must participate in an academic intervention program administered by the Advising Center. Students who are on academic probation must meet with their assigned probation counselor to review program requirements, course selection, credit loads, and other relevant information.

Academic probation serves as a warning to students that they need to improve their present GPA. It does not imply that they cannot graduate or graduate on time, if they carry normal course loads and meet all university graduation requirements. A student who fails to attain the required GPA during the probationary semester is subject to dismissal. Students are reminded that the academic dean has the prerogative to dismiss any student who is not making sufficient progress toward a degree. The dean also has the prerogative to require a student to attend in part-time status and/or change/revise his/her plan.

Students on probation may be eligible to receive financial aid if they meet the requirements under the Financial Aid Office’s federally mandated “Satisfactory Academic Progress” policy. A copy of this policy is provided to all aid applicants.

Policy on Proficiency Courses

All developmental courses (including MAT 098 and MAT 098W) must be completed

within the first 24 attempted credits. By action of the Board of Trustees of the Connecticut State University System, students who do not successfully complete this proficiency will not be allowed to register for credit courses until they successfully complete this requirement elsewhere.

Policy on Completing Liberal Arts Core Curriculum Courses

For students under the Liberal Arts Core Curriculum (LAC), the following Tier I requirements must be completed within the first 30 credits earned: College Writing, Mathematics, Health and Wellness, and First-Year Liberal Arts Colloquium. Students must satisfy any prerequisite before proceeding with subsequent requirements. Students who fail any of these courses in any given semester must take the course again the following semester. If a student fails to complete these courses within the first 30 credits earned at Eastern, he/she will not be allowed to register for additional courses unless his/her registration includes the required course(s). This policy applies to all full-time matriculated students.

Eligibility to Participate in Intercollegiate Athletics

Eastern Connecticut State University strictly adheres to the eligibility rules published by the National Collegiate Athletic Association (NCAA Division III) and all other athletic conferences of which the institution is a member. The University will not permit a student-athlete to represent it in intercollegiate athletic competition unless the student-athlete meets all of the requirements of eligibility.

Eligibility Policy for Students Holding Office

Student Organizations: Offices in any University-recognized student organization, including but not limited to the campus newspaper, yearbook, radio station, and student senate, may be held only by students in good academic standing.

Co-Curricular Activities: Offices in any University-recognized co-curricular activities may be held only by students in good academic standing.

ACADEMIC RECORDS, TRANSCRIPTS & DIPLOMAS

Academic Records

The Registrar's Office maintains official University records for all students. However, students are urged to keep a personal academic file containing a copy of the catalog under which they were matriculated, transfer evaluations, grade reports, records of program changes, course withdrawal forms, academic warnings, and all other official notifications or communications.

Student Official Address

It is the student's responsibility to notify the Registrar's Office of his/her address and of any subsequent changes of name or address.

Report of Grades

Mid-semester and final grades for the semester are available via E-Web, Eastern's online services at eweb.easternct.edu. Grade reports are not mailed to students. Students who require a final grade report, issued by the University, must submit a written request to the Registrar's Office.

Transcript Policy

A university transcript is a complete, unabridged academic record, without deletions or omissions, providing information about a student from one institution or agency to another. All official transcripts of a student's academic record are issued by the Registrar's Office only upon written request of the student.

University transcripts will certify the degree earned and which major(s) and minor(s) have been completed.

The Registrar will withhold the forwarding of transcripts when officially notified by a University Administrator that a student has an unpaid financial obligation to the University or has not returned University property.

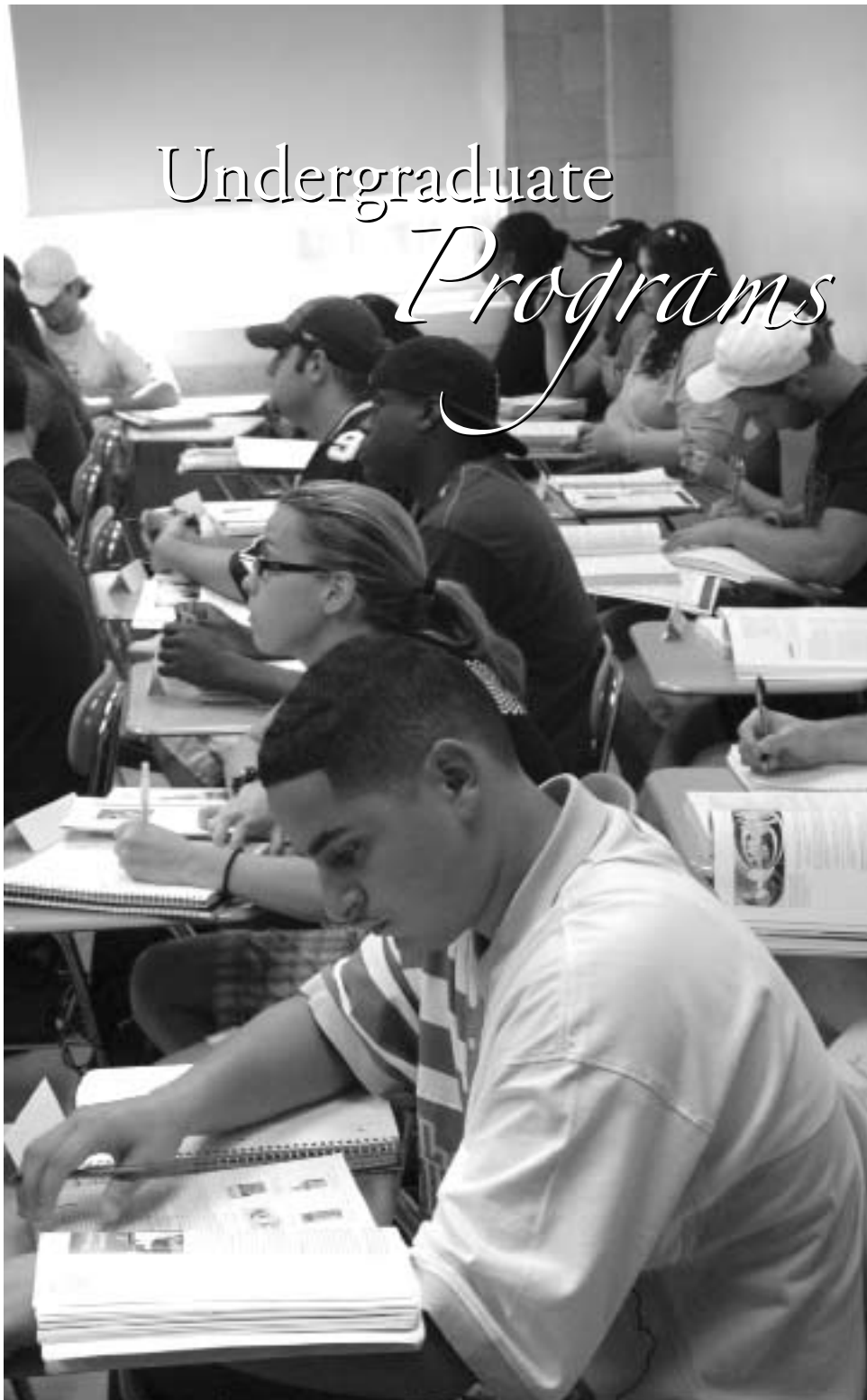
Diplomas

At commencement ceremonies the University celebrates conferral of degrees on those students who have fulfilled its academic expectation. A diploma will be issued after the Registrar has determined that a student meets all requirements for graduation. Students with outstanding financial obligations will not receive their diplomas until their accounts are settled.

Students completing all degree requirements in August, December, and May will receive their degrees on August 31, December 31, and the day of commencement exercises, respectively. Graduates receiving degrees in August and December are encouraged to participate along with May graduates in the commencement exercises held on the first Sunday after final exams in May.

Students who apply for August graduation participate in the preceding May commencement ceremony, provided their initial audit for graduation determines their potential for completing graduation requirements.

Undergraduate
Programs



Undergraduate Programs

COURSES OF INTRODUCTION *Liberal Arts Core Curriculum*

FOR STUDENTS MATRICULATING IN FALL 2007 AND LATER

(For information about the General Education Requirement Program which applies to students who matriculated prior to 2007 and for courses that satisfy the Liberal Arts Core Curriculum visit www.easternct.edu/lapc.)

PHILOSOPHY OF THE LIBERAL ARTS CORE CURRICULUM

Guiding Principals

Eastern's commitment to liberal education is anchored in three principles:

- Engagement
- Integration
- Independence

Eastern cultivates an engaged community. Students become engaged academically through their work on class projects requiring imagination and intellectual commitment; they become engaged socially through participation in a variety of clubs, athletics, and co-curricular activities; and they become engaged in the community through projects and programs that address the needs of Willimantic and the region.

Eastern's curricular and co-curricular programs emphasize integration. The University's liberal arts core curriculum and major and co-curricular programs help students understand the relationships between diverse fields of study and the impact that people, ideas and events have in all parts of their lives. They make connections among courses and between campus and community life. The academic, social and personal realms of students' lives are integrated, so that students see their studies as an important part of who they are and who they will become.

Eastern students develop independence. Active and collaborative learning produce graduates who are self-initiated learners and reflective, independent thinkers. These abilities enable Eastern graduates to take active roles in their personal lives, their workplaces and their communities.

Core Abilities

Eastern's liberal arts core curriculum, major programs, campus culture and environment are designed to help students develop the self-disciplined habits of mind, and the knowledge and skills that allow them to successfully meet the challenges of everyday life.

Our goal is to enable students to:

- a. productively engage in multiple modes of thinking;
- b. examine, organize, and synthesize information in ways appropriate to a variety of contexts;
- c. communicate effectively orally, visually, and in writing;
- d. use scientific methods and concepts and quantitative skills to solve problems and make informed decisions;
- e. understand how a person's culture influences his/her view of the world;

- f. act in an informed and ethical manner in our global society;
- g. understand the human condition from an historical context; and
- h. foster curiosity and a passion for learning.

LIBERAL ARTS CORE CURRICULUM

Tier I Methods and Concepts	27/28 Credits
*First Year Liberal Arts Colloquium	4
*College Writing	3
Arts and Humanities: Arts in Context	3
Arts and Humanities: Literature and Thought	3
*Health and Wellness	2
Historical Perspectives	3
*Mathematics	3
Natural Sciences	3 – 4
Social Sciences	3
Tier II Synthesis and Application	15/16 Credits
Applied Information Technology	3
Arts and Humanities: Creative Expression	3
Cultural Perspectives	3
Individuals and Societies	3
Natural Sciences	3 – 4
Tier III Independent Inquiry	3 Credits
Total Liberal Arts Core Curriculum Credits	46 Credits

** Must be completed within first 30 credits*

LIBERAL ARTS CORE CURRICULUM (LAC)

Each course in every category requires the integration of four curricular elements: communication (oral, visual and written), critical thinking, information literacy, and ethics.

TIER I METHODS AND CONCEPTS **26/28 CREDITS**

TIER I exposes students to the main branches of knowledge that Eastern faculty have determined to be essential to a strong liberal arts education. Students will select courses in which they will be required to master a body of introductory-level knowledge within a particular field, and become familiar with the history, ethics, values, methods, and academic standards of inquiry and analysis within that field. In order to achieve these goals, it is necessary that students engage curricular material presented in TIER I courses actively, and when possible, experientially. While modes of learning will vary in each discipline, TIER I courses will hold as a central learning objective the development of critical and analytical modes of thinking, and will provide ample opportunities for students to communicate and demonstrate their acquisition of material and ideas.

A core element of TIER I is the First Year Liberal Arts colloquium, which may be offered by faculty members from any academic discipline. Each colloquium represents a unique exploration of aspects of the human condition from the diverse perspectives of the instructor, the

students, and the field of inquiry. The colloquium will introduce students to academic standards and practices that are foundational for a successful university career and life-long learning.

Students will also complete a course in College Writing and select one course from each of seven Tier I disciplinary categories: Arts and Humanities: Literature and Thought; Arts and Humanities: Arts In Context; Health and Wellness; Historical Perspectives; Mathematics; Natural Sciences; and Social Sciences.

As a result of completing TIER I, students will be able to:

1. Recognize and articulate the major concepts and ideas that are foundation to a range of liberal arts disciplines;
2. Comprehend distinctions and similarities among fields of study;
3. Understand and employ multiple modes of inquiry and analysis;
4. Effectively communicate ideas orally, visually and in writing;
5. Demonstrate the value of rigorous inquiry and research, academic integrity, and active engagement in the Eastern learning community and beyond; and
6. Discern the ethical dimensions of the production and acquisition of knowledge within disciplines.

TIER II SYNTHESIS AND APPLICATION

15/16 CREDITS

TIER II builds upon the rigors of students' prior learning experiences as they apply concepts and principles to new and more advanced sets of problems and contexts. While TIER I emphasizes disciplinary knowledge and academic systems and methods, TIER II fosters higher-order thinking and advanced problem-solving capabilities through applied research, collaborative projects, creative problem-solving, and original and innovative modes of expression. Students will apply a range of methodologies to the production, synthesis, and communication of knowledge and inquiry into human affairs.

Upon completion of certain foundational TIER I courses, students will select one course from each of the following TIER II categories: Application of Information Technology; Creative Expression; Cultural Perspectives; Natural Sciences; and Individuals and Societies. Students will generally complete TIER II courses in their sophomore or junior year. Most offerings will be designated at the 200 and 300 levels.

Upon completion of all TIER II courses, students will be able to:

1. Identify and apply diverse methods of inquiry and ways of knowing in making and evaluating decisions in human affairs;
2. Develop the ability to think creatively, and come to value ingenuity and originality by engaging in multiple modes of problem solving; and
3. Apply ethical principles to practical problems of life and work.

TIER III INDEPENDENT INQUIRY

3 CREDITS

Students must have passed at least two Tier II courses prior to enrolling in a Tier III course.

As the culminating, integrative liberal arts experience, TIER III represents a critical component of the Eastern Liberal Arts curriculum. TIER III affords students the opportunity to reflect on and apply knowledge and skills acquired in the first two tiers and in their major.

Departments may recommend specific options for their majors to complete TIER III or allow students to choose from a variety of options within or outside the major.

Upon completion of this requirement, students will be able to:

1. Demonstrate the ability to engage in independent inquiry;
2. Apply current and critical thinking in a focused area of study;
3. Reflect on the context of their independent inquiry or artistic creation; and
4. Reflect on this work as an outcome of their liberal arts education.

ADDITIONAL GUIDELINES

1. Policy on Completing Liberal Arts Core Curriculum Courses

For students under the Liberal Arts Core Curriculum, the following Tier I requirements must be completed within the first 30 credits earned: College Writing, Mathematics, Health and Wellness, and First-Year Liberal Arts Colloquium. Students must satisfy any prerequisite before proceeding with subsequent requirements. Students who fail any of these courses in any given semester take the course again the following semester. If a student fails to complete these courses within the first 30 credits earned at Eastern, he/she will not be allowed to register for additional courses unless his/her registration includes the required course(s).

2. LAC Course Used in Major or Minor

- Up to two approved specific courses in the major or minor that meet liberal arts goals may also satisfy LAC categories.
- Students may receive credit for both the LAC and the major or minor, for up to two courses, that are in the LAC and also required for a major or minor.
- A minimum of nine credits must be unique to each minor. These credits cannot be used to satisfy major, LAC or concentration requirements.

3. Transfer Students

- Students who transfer to Eastern with 30 or more credits will be exempt from completing the Liberal Arts Core Colloquium.
- Students who transfer to Eastern with 60 or more credits will be exempt from completing the Tier I Health and Wellness category of the LAC.
- All students, regardless of the courses transferred to Eastern, must complete at least two LAC Tier II courses and a Tier III Liberal Arts Independent Inquiry course.

University Writing Program

Rita Malenczyk, *Director*

Eastern Connecticut State University's writing-across-the-curriculum program is designed to help students 1) learn how writing shapes and aids thinking; 2) understand the cultures and conventions of their disciplines; and 3) become better, more confident writers.

University Writing Requirements

After writing an initial placement essay, students entering Eastern with fewer than 75 transfer credits must complete the following requirements:

Stage 1. ENG 100 College Writing (3 credits), or ENG 100P College Writing Plus

(5 credits). Your placement essay will determine which of these courses you need to take.

Stage 2. Intermediate Writing Requirement (WRT 050 on your degree evaluation)

This requirement is waived for current Eastern students. Students entering in Fall 2011 or later will have to complete a new set of intermediate writing requirements

Stage 3. A Writing-Intensive Course in Your Major (WRT 075 on your degree evaluation)

The final writing requirement for graduation is a 300- or 400-level writing-intensive course designated for your major. To learn which courses are designated for your major, check the list in the registration booklet each semester.

Stage 2 and Stage 3 writing requirements are waived for students transferring 75 or more credits to Eastern.

More details about the University writing requirements are available in the Writing Center, Library Room 107.

Special Programs

HONORS PROGRAM

Phillip F. Elliott, *Director*

The University Honors Program promotes undergraduate scholarship by providing academically talented students with opportunities to participate in specially designed courses that prepare them to conduct independent research and/or scholarly activity under the oversight of a faculty mentor. Each of the courses in the Honors curriculum satisfies a Liberal Arts Core Curriculum requirement, and completion of an acceptable Honors Thesis satisfies all University writing requirements. The Honors Colloquia, characterized by small class sizes, interdisciplinary topics, and dedicated professors, create an atmosphere conducive to the open discussion of ideas and active learning. In short, the Honors curriculum is intended to prepare students to conduct independent work, culminating in an acceptable Honors Thesis. The successful completion of an Honors Thesis is the focal point of the program and the capstone experience of all Honors graduates.

Honors Scholars follow a special academic program. They participate in a freshman writing course (HON200); a reading course (HON130); and three honors colloquia, interdisciplinary and often team-taught courses featuring experiential learning. In their senior year, they submit an Honors Thesis on a research project that they have completed under the guidance of a faculty mentor. Incoming freshmen accepted into the University Honors Program are not required to take placement exams, and Honors students satisfy all University Writing Requirements by successfully completing the Honors Thesis.

Honors Scholars are expected to participate in activities sponsored by the Honors Club and the Student Honors Council, to complete at least one Honors course per year, to graduate with a 3.5 grade point average, to prepare a thesis prospectus before they enter the senior year, and to receive the ongoing recommendations of their Honors professors. Academic decisions for the program are made by the Honors Council.

Freshmen interested in participating in the program should contact the Honors Program Office at (860) 465-4317 for application information. Additional information can be found at <http://easternct.edu/honors/>.

Courses of Instruction: Honors

HON 130 READING ACROSS THE CURRICULUM

3 CREDITS

This course examines a particular topic from a variety of perspectives. Through the participation of faculty from various departments, students are exposed to the diverse assumptions, methodologies, and goals representative of different disciplines. Satisfies the LAP 130 requirement.

HON 200 HONORS: EXPOSITORY WRITING

3 CREDITS

This special intensive writing course fulfills the first two stages of the university writing requirement and prepares new Honors Scholars for upper-level Honors courses. This requirement may be waived for students who enter the program after their first semester. Satisfies the LAC College Writing Requirement.

HON 360-363 HONORS COLLOQUIA

3 CREDITS

These interdisciplinary courses focus on important topics in the sciences, social sciences, and humanities. Each semester two new colloquia are offered. Recent colloquia have included The American Dream, Popular Music in a Global Context, Globalization, and the Psychology of Sexual Attraction and its Consequences. Honors Scholars take three colloquia which may be used to fulfill any three categories under Tier II of the LAC. Usually colloquia are taken over three terms of sophomore and junior years.

HON 375 INTRODUCTION TO THESIS RESEARCH

1 CREDIT

Prerequisite: Jr/Sr Standing

This seminar facilitates the initiation of the Honors Thesis research project by providing students with advice, information, and strategies for identifying their thesis mentor and tentative thesis topic. This course normally serves as the prerequisite for HON 380; however, this requirement may be waived at the discretion of the Honors Program Director if a student has identified a thesis mentor and thesis topic prior to the beginning of the semester.

HON 380 DIRECTED HONORS RESEARCH

3 CREDITS

In the second semester of their junior year, honors scholars develop a Thesis Proposal working independently with a faculty mentor.

HON 488 HONORS THESIS

4 CREDITS

The Honors thesis is the capstone experience of the Honors Program. Senior Honors Scholars design, carry out, and present a project or performance under the direction of a faculty mentor in the appropriate field. Usually accomplished through two credits of work per term of the senior year, this work fulfills the final stage of the University writing requirement.

HON 490 INTERNSHIP IN HONORS

3/4 CREDITS

With the approval of the respective course instructor, qualified Honors Scholars serve as interns in HON 200 and/or HON 130.

Individualized Major

The Individualized Major Plan is a student's self-designed interdisciplinary plan of study, which consists of courses from two or more disciplines and results in a B.A. or B.S. degree. The self-designed plan of study allows the student to take courses in areas that naturally complement each other in today's workplace and to develop a strong educational base in at least one subject to facilitate entrance into a graduate program.

The goals of an Individualized Major are to: a) enhance the student's ability to integrate method and content from two or more academic disciplines while meeting his/her educational interests and career objectives; and b) provide the student with flexible career skills to meet the challenges of a society undergoing rapid technological change. Students who choose to develop an Individualized Major must demonstrate their ability to gain proficiency in the chosen fields of study. Thus, students must have a minimum GPA of 2.7 to apply for the Individualized Major and must obtain a minimum grade of C in courses counted towards the major.

The Individualized Major shall consist of at least 36 credits, a majority at the 300-level or higher, taken in two or more disciplines. At least 18 of the 36 credits shall come from one discipline and consist of courses designed for departmental majors. Students may apply no more than six credits of Independent Study/Internships/Field Placement coursework towards the 36 credits in the major. The Independent Study should be directly related to and reflecting the interdisciplinary theme of the proposed plan of study.

Students completing an Individualized Major can receive either a B.A. or a B.S., which will appear on the student's transcript as "B.S. (or B.A.) - Individualized Major in (insert here title of major's focus as indicated on the student's Plan of Study)." This discipline in which the student proposes to take the most credits in his/her plan of study decides whether the student receives a B.S. or B.A. and indicates from which School the student will receive the degree. The discipline acts as a "home department" for the student. The responsibility of fulfilling graduation requirements rests with the student, who must follow all University guidelines for degree applications and graduation.

A student planning to pursue an Individualized Major must:

1. develop a plan of study that consists of at least 36 credits in at least two or more disciplines (see Eligibility Requirements below);
2. select two faculty advisors (one from each of the disciplines in which most credits will be obtained, as outlined by the proposed plan of study) to supervise the student's progress until completion;
3. submit the proposed plan of study for review and approval signature to: a) his/her faculty advisors; b) department chair of each department in which the student is taking 15 or more credits towards the major; and c) the dean of his/her school, who will forward the original to the Registrar's Office.
4. In the event revisions or changes are required, the student must file an Amendment/Substitution Form to the Individualized Major Plan with signatures of faculty advisors and the dean.

The dean informs the student of whether the plan of study has been approved and of any modifications recommended by the reviewers, before the end of the semester following submission of the proposed plan of study.

Eligibility requirements for a student pursuing an Individualized Major include:

- a) file a plan of study with the Registrar's Office no later than the end of the semester in which he/she has accumulated 60 credit hours;
- b) if admitted to Eastern as a transfer student with 60 credits or more, he/she must file a plan of study with the Registrar's Office no later than the end of the second semester of enrollment;
- c) if a student selects an Individualized Major as a double major, he/she must declare the Individualized Major by the completion of 76 credits and the plan of study can not include courses that would also count toward the other major;
- d) in no case will an Individualized Major be approved in the final semester of a student's attendance.

FIRST-YEAR PROGRAM

Martin A. Levin, *Director*

The primary goals of the program are to help students make an effective adjustment to college, involve them in the Eastern Community, engage them actively in their educational program including their academic and social development and to introduce them to the university's resources, services, clubs, and cultural activities.

Eastern's First-Year Program is a mandatory two-semester program for first-time full-time students.

Semester One: Thematic Clusters

The First-Year Program's first semester is based on the "learning community" model in which students are enrolled in the same two or three small classes. Each community is formed by clustering one or two Liberal Arts Core Tier I courses with a one-credit "Resources, Research, and Responsibility" (FYR 174) course. The first course for some majors can be taken as part of a cluster in lieu of a Tier I course. FYR 174 introduces students to academic skills, University resources, and student life and encourages them to become involved with and responsible to the University community. A peer tutor (upperclassman) will be assigned to each cluster to offer support and assistance. Coursework in the first semester will prepare students for academic success in the second semester and beyond.

Semester Two: Liberal Arts Colloquium

The Liberal Arts Colloquium (LAP 130) is a three- to four-credit course in which a small group of students work closely with a faculty member where emphasis is placed on critical thinking and engaged learning. These colloquia are designed to help students develop the highest standards for research, analysis, writing, discussion, and integration of skills necessary for study in a field of their choice. First-year students will select a colloquium from a list of topics that reflect contemporary themes and the interests of the instructors. A description of the colloquia topics will be available at the time of registration.

COOPERATIVE PROGRAM

Major: Library Science and Instructional Technology (B.S.)

A State University Consortium

Objectives

A consortium of the Connecticut State Universities enables juniors and seniors enrolled at Eastern and the other State Universities to take an undergraduate major in library science at Southern Connecticut State University in New Haven. An interview should be held with a faculty advisor at Southern.

Degree Requirements

Successful completion of this B.S. degree program prepares graduates to work in supportive positions (library associate or associate specialist level) in libraries and information service agencies. The program is articulated with Southern's Master of Library Science degree program. The major consists of 30 credits in library science including at least 11 credits in the Liberal Arts Core Curriculum (general education requirements), an academic concentration of 14–31 credits, and free electives totaling 24–30 credits. An introductory course in computer science is recommended.

Required Courses: 9 credits

LSI	302	Information Service
LSC	320	Technical Services
LSC	330	User Services

Electives: 21 recommended elective library science and related credits. Visit www.southernct.edu/ils/programs/undergraduate for more information.

Intercampus Opportunities

The following areas of study may be supplemented by the attendance of Eastern Connecticut State University students in courses offered through other public institutions in the state. For details, see the appropriate description in the Programs of Study section of this catalog.

Reserve Officer Training Corps (ROTC)

Courses in U.S. Army ROTC Studies offered by the University of Connecticut at Storrs are available to qualified students at Eastern. All arrangements for enrollment and credit in this program must be cleared through the Registrar's Office at Eastern and the Army Unit at the University of Connecticut. Registration for courses is completed through the Registrar's Office at Eastern. If interested, contact the Department of Military Science, (860) 486-6081 in Storrs.

Air Force Reserve Officer Training Corps (ROTC)

The Air Force ROTC program is available to Eastern Connecticut State University students at the University of Connecticut's main campus at Storrs. Through the Air Force ROTC program, Eastern Connecticut State University students can, without paying extra tuition, pursue a commission as an officer in the United States Air Force. The freshman and sophomore courses carry no military obligation and are open to all students.

Scholarships are also available for qualified students. These scholarships pay up to full tuition and fees, as well as money for books and a monthly stipend.

Interested students should contact the Air Force ROTC office at (860) 486-2224 or visit their website at www.airforce.uconn.edu

Courses of Instruction: Air Force Aerospace Studies

MSA 113 AIR FORCE STUDIES

1 CREDIT

Military customs/courtesies, officership/leadership. Air Force mission, military as a profession, and basics of flight.

First semester. One class period and one 2-hour leadership seminar.

MSA 114 AIR FORCE STUDIES I 1 CREDIT

The organization, mission, and functions of the Department of Defense and the military services. Emphasis is on the U.S. Air Force.

Second semester. One class period and one 2-hour leadership seminar.

MSA 123 AIR FORCE STUDIES II

1 CREDIT

Study of air power from balloons through World War II; WWI, Interwar Years, WW II. Principles of war, Berlin Airlift. Development of communication skills.

First semester. One class period and one 2-hour leadership seminar.

MSA 124 AIR FORCE STUDIES II

1 CREDIT

Air power from post World War II to the present; Korean Conflict, War in Vietnam, force modernization. Development of communication skills.

Second semester. One class period and one 2-hour leadership seminar.

MSA 201 AVIATION GROUND SCHOOL

3 CREDITS

Fundamentals of flight, flight operations, aviation, weather, navigation, human factors and integration of pilot skills with Federal Aviation Administration (FAA) regulations. Meets all requirements for the FAA private pilot's written examination.

MSA 235-236 AEROSPACE STUDIES III AIR FORCE LEADERSHIP AND MANAGEMENT

3 CREDITS

PREREQUISITES: MSA 114, MSA 124 OR SIX WEEKS FIELD TRAINING. OPEN ONLY WITH CONSENT OF INSTRUCTOR. MAY NOT BE TAKEN CONCURRENTLY WITH MSA 245-246.

Management fundamentals, motivational processes, leadership, group dynamics, organizational power, managerial strategy. Development of communication skills. 235 first semester, 236 second semester. One class period and a 2-hour leadership seminar.

MSA MSA 245-246 AIR FORCE STUDIES IV

3 CREDITS

PREREQUISITES: MSA 235-236. OPEN ONLY WITH CONSENT OF INSTRUCTOR.

American civil-military relations, defense policy formulation, role of the professional officer, military justice system, Air Force Commands. 245 first semester, 246 second semester. One class period and a 2-hour leadership seminar.

Army Reserve Officer Training Corps (ROTC)

MSC 131 GENERAL MILITARY SCIENCE I

1 CREDIT

Organization of the Army, basic soldier skills; ropes, knots, and rappelling; individual physical fitness; land navigation; time management; role of regular Army, Reserve and National Guard; M16 rifle.

MSC 132 GENERAL MILITARY SCIENCE I**1 CREDIT**

Organization and equipment of small military units, fundamentals of marksmanship and military instruction techniques. Leadership lab as announced. Army customs and traditions; land navigation; heat and cold survival; tactical communications; military correspondence; leadership/professional ethics; branches of Army; encoding and decoding messages.

**MSC 133 GENERAL MILITARY SCIENCE:
AIR RIFLE MARKSMANSHIP****1 CREDIT**

Air Rifle Marksmanship will provide and introduction to the fundamentals of rifle marksmanship, the safe and proper use, and care of the rifle, the elements of competitive shooting, and the psychology of shooting.

One class period, two hours lecture and laboratory. May be taken only once for credit.

MSC 145 GENERAL MILITARY SCIENCE II**1 CREDIT**

Map reading, mountaineering, principles of war.

One class period and leadership laboratory.

MSC 146 GENERAL MILITARY SCIENCE II**1 CREDIT**

Emergency First Aid, leadership, military instruction techniques.

One class period and leadership laboratory

MSC 252 GENERAL MILITARY SCIENCE III**3 CREDITS**

PREREQUISITES: COMPLETION OF BASIC COURSE IN MILITARY SCIENCE, BASIC TRAINING, OR A SIX-WEEK BASIC SUMMER CAMP. IN ALL CASES APPROVAL OF THE PROFESSOR OF MILITARY SCIENCE IS REQUIRED.

Leadership principles, techniques, and the responsibilities of command. Military instruction techniques, to include student class presentations. One 3-hour class period and leadership laboratory. One weekend field training exercise.

MSC 253 GENERAL MILITARY SCIENCE IV**3 CREDITS**

PREREQUISITE: MSC 253

Army staff organization, unit administration and management, logistics, military intelligence, leadership seminary, the international system, and strategic doctrine.

First semester. One 3-hour class period and leadership laboratory. One weekend field training exercise.

MSC 297 GENERAL MILITARY SCIENCE IV**3 CREDITS**

PREREQUISITES: COMPLETION OF MSC 253 OR APPROVAL OF THE PROFESSOR OF MILITARY SCIENCE.

Plan, conduct, and evaluate activities of the ROTC cadet organization. Articulate goals and put plans into action to attain them. Assess organizational cohesion and develop strategies to improve it. Build confidence in skills to lead people and manage resources. Learn/apply various Army policies and programs in this effort. One three-hour class period, required labs, and participation in three one-hour sessions for physical fitness training. Participation in a weekend exercise is also required.

MSC 298 GENERAL MILITARY SCIENCE IV

3 CREDITS

Military law, obligations and responsibilities of an officer, contemporary human problems, and a leadership seminar.

Second semester. One 3-hour class period and leadership laboratory.

EXCHANGE PROGRAMS

National Student Exchange (NSE)

Eastern is a member of the National Student Exchange (NSE). Full-time students may apply to study for one semester or one year at more than 200 member colleges or universities in the United States, its territories and Canada. Students pay tuition and fees to Eastern, while paying room and board and normally charged fees to the host institution. The program is open to sophomores and juniors. Exceptions are occasionally made in the case of first-semester seniors. Students must have a 2.5 grade point average and pay a \$105 NSE fee for administrative expenses. Financial aid is awarded through the home institution.

The NSE program provides students with the opportunity to take advantage of educational experiences not available at Eastern and to become better acquainted with another region of the country. Students accepted into the program will receive equivalent credit and grades at Eastern for study satisfactorily completed. This means that all courses will appear on the student's Eastern transcript, including "F" graded courses, if any. Students must have their faculty advisor's approval before registering for courses. NSE/host institution credits are calculated in a student's GPA at Eastern.

INTERNATIONAL STUDY PROGRAMS

International Student Exchange Program

Students accepted into Eastern's international exchange and study abroad programs will receive equivalent credit for study satisfactorily completed. Although the equivalent individual courses, credits and grades (including failed courses) will appear on the academic record, the grades will not be reflected in the student's grade point average. Students must have their faculty advisor's approval before registering for courses.

Costs for the international exchange program are the same for tuition and fees that a student would normally pay to attend Eastern; room and board varies with the type of accommodation. Costs for study abroad programs may vary from location to location and include tuition, fees, and room and board. Transportation, books, travel in the host country, insurance, application fees, and incidental expenses are not included.

The following is a partial list of all current international exchange and study abroad opportunities available at Eastern.

Baden-Württemberg Germany Exchange Program

As part of its new sister-state relationship, the Connecticut Legislature and the State Parliament of Baden-Württemberg, Germany, have created an innovative student exchange program involving universities in Baden-Württemberg and universities in Connecticut. This program is a one-for-one exchange whereby Eastern students pay tuition and fees at their home institution and receive full benefit of attendance at one of the 10 universities in Germany.

New England/Quebec and New England/Nova Scotia Student Exchange Programs

Under the New England/Quebec and New England/Nova Scotia Student Exchange Programs, eligible full-time students at Eastern may spend one or two semesters during their junior or senior year of study at any of the 18 participating Canadian institutions.

International and Domestic Group Study and Field Experiences

A number of academic departments at Eastern offer international and domestic group study and field experiences which are administered by the School of Continuing Education. Most programs offer academic credit and are taught by one or more Eastern faculty. Usually programs do not require foreign language proficiency but offer the opportunity for students to immerse themselves in another culture. Group study opportunities are offered in summer and during winter and spring breaks. Field experiences or service learning may be built into the international or domestic group study and students may be able to apply these credits to their major or to Eastern's Liberal Arts Work or Global Citizenship initiatives. To learn more visit www.easternct.edu/continuingeducation/StudyTours-home.html.

School of
Arts and Sciences



The School of Arts and Sciences

Carmen R. Cid, *Dean*

Amy Coffey, *Associate Dean*

The mission of the School of Arts and Sciences is to provide an education that encourages ethical and intellectual development which includes respect for other cultures and peoples, knowledge of the past, a sense of responsibility for the future, a scientific understanding of the physical world, competence in communicating ideas and values, and the integration of theory with practical experience. The twin goals of excellence and lifelong learning are the cornerstones of Arts and Sciences.

AMERICAN STUDIES

Emil Pocock, *Coordinator*

The American Studies Program provides English and History majors the opportunity to pursue a multidisciplinary course of study that focuses on American life and culture. This program is especially suitable for students planning careers in social studies education, government, journalism, publishing, and museum research and administration. American Studies is also excellent preparation for law school or for graduate work in literature, history, American Studies, and related fields.

Students who complete this program are designated English or History majors, with American Studies.

Requirements

I. American Studies Core

AMS	251	Introduction to American Studies
AMS	420	Seminar in American Civilization

II. Major Requirement

History/American Studies

HIS 200: Research and Writing;
12 hours in history (at least nine
hours in American history)

English/American Studies

ENG 203: Writing for English majors;
12 hours in English (at least nine hours
with substantial American content)

III. Elective Requirement

History/American Studies

Six hours in American literature

English/American Studies

Six hours in American history

Plus nine hours in courses related to American culture, including art, economics, education, English, history, music, New England studies, philosophy, political science, and sociology.

Major and elective requirements must be approved by the coordinator for American Studies.

Courses of Instruction: American Studies

AMS 251 INTRODUCTION TO AMERICAN SOCIETY

3 CREDITS

An introduction to the interdisciplinary study of American culture, including selected aspects of American history, literature, and the arts.

AMS 420 SEMINAR IN AMERICAN CIVILIZATION

3 CREDITS

Selected topics in American culture studied from an interdisciplinary approach. AMS 420 fulfills the seminar requirement for history majors

BIOLOGY

Chairperson: *Gloria J. Colurso*

Assistant Chair: *Elizabeth A. Cowles*

Professors: *Michael W. Adams, Charles E. Booth, Gloria J. Colurso, Elizabeth A. Cowles, Phillip F. Elliott, Ross E. Koning, Martin A. Levin, Yaw A. Nsiah*

Assistant Professors: *Joshua A. Idjadi, Patricia Szczys*

Major: Biology (B.A./B.S.)

Objectives

The biology major program is designed to enable students (1) to learn the basic principles that govern living processes at all levels of biological organization, and (2) to develop the critical-thinking skills needed to understand the consequences of those biological processes.

The biology major program prepares students for positions in government, industry, and education in fields ranging from biotechnology to environmental studies. Additionally, this comprehensive program provides students with the background required for graduate studies in biology, and for medical, dental, nursing, physician's assistant, and veterinary school.

The biology program of study requires students to acquire hands-on experience with state-of-the-art laboratory equipment and with fieldwork techniques in a variety of terrestrial, freshwater, and marine environments.

In addition to course work, students are encouraged to develop their laboratory and fieldwork skills through independent study projects conducted under the guidance of the biology faculty whose research interests include:

- Animal Physiology
- Biochemistry
- Biostatistics
- Biotechnology
- Cell Biology
- Conservation Biology
- Ecosystems Ecology
- Endocrinology
- Entomology
- Evolutionary Ecology
- Invasive Species
- Marine Biology
- Microbiology
- Molecular Genetics
- Plant-Animal Interactions
- Plant Ecology
- Plant Physiology
- Virology

As part of their scientific training, students learn to use departmental computer facilities in many laboratory courses and are also encouraged to use computers to analyze data, prepare

graphics, and write reports and term papers. Students can also gain valuable research experience in their area of interest through internships and co-op programs with private industry or government agencies.

Admission to the Program

The best secondary school preparation for a major in biology is the traditional college preparatory program, consisting of four years of secondary school mathematics (algebra I, II, geometry, and math analysis), three years of science (biology, physics, and chemistry), and four years of English. The best community college preparation includes one or two semesters of introductory biology, and at least two semesters each of general chemistry and mathematics. Students may not enter the biology program until they are ready to take pre-calculus or the equivalent.

For students seeking to major in Biology, “Pre-Bio” will be the Major declaration until students have passed BIO 120, BIO 130, BIO 220, and BIO 230 with no final grade lower than C- for any of the four courses. Only after passing each of the above courses at the required level of proficiency can students declare BIO as their respective major.

The above requirement will apply to both BIO major and minor declarations.

Students who fail to meet the above standard can remain in Pre-Bio status.

Students who fail to achieve at least a C- in any of the above courses may register again for the same course according to the approved University and Department repeat policies.

Students cannot register for upper-level BIO majors courses until the above performance standard is met.

Pre-requisite for upper-level major courses becomes “BIO Major/Minor Status.”

LAC substitution(s) should be unaffected, because currently a BIO major meets the LAC Tier I/Tier II Natural Science requirements by taking the freshman and sophomore courses, regardless of the passing grade received and/or whether they ultimately change majors. Thus, the same substitution should apply to Pre-Bio majors.

Writing Requirements

All biology majors must complete the Department’s Intermediate and Senior Writing Requirements. BIO 120, 130, 220, and 230 are all writing intensive courses and you will receive a writing grade on completion of each of these courses. After completing all four courses your cumulative writing grade will be assessed and you will be informed if you have earned credit for the Intermediate Writing requirement. Transfer students entering as sophomores will be judged on their writing in BIO 220 and 230. If you do not earn credit for Intermediate Writing at this time, additional writing assignments will be required in every upper-level course that you take until the department is satisfied that you have met the required standard. You may not sign up for Senior Seminar until you have satisfied the Intermediate Writing requirement. The senior writing requirement is met by passing Senior Seminar, or having an Honors Thesis approved.

Degree Requirements (B.S. and B.A.)

To graduate with a degree in biology, students must have a minimum of 2.0 cumulative GPA in required biology courses. No science or math courses required for the biology major may be taken on a credit/no credit basis. At least six of the required biology courses with laboratory for the major must be taken at Eastern. Each year, all biology majors may be required to take the biology comprehensive exam given in the spring semester. Performance of graduating seniors on the biology comprehensive examination will be noted on their respective transcripts.

Students majoring in biology are exempt from the University's LAC Tier I and Tier II Natural Science requirement.

Students planning to enter graduate and professional schools should enroll in the B.S. program.

Bachelor of Science Degree Requirements

I. Common biology core to be completed by the end of the sophomore year

- BIO 120 Organismal Biology
- BIO 130 General Ecology with Lab
- BIO 220 Cell Structure and Function with Lab
- BIO 230 General Genetics with Lab

Both BIO 120 and BIO 130 must be successfully completed prior to starting BIO 220 or BIO 230. Both BIO 220 and BIO 230 must be successfully completed before starting on the required upper-level courses. Students attempting to repeat BIO 220 and/or BIO 230 must follow repeat policy described above.

II. Junior and senior years -24 credit hours of 300-level and/or 400-level courses from the following list and must include at least one course from each of the areas:

Cell/Molecular	Organismal	Systems
___ BIO 330 Cell Biology	___ BIO 324 Entomology	___ BIO 320/360 Tropical
___ BIO 420 Electron Microscopy	___ BIO 332 Biology of Plants	Terrestrial Biology
___ BIO 422 Research Methods/Molecular Biology	___ BIO 334 General Microbiology	___ BIO 3620/319 Tropical Marine Biology
___ BIO 428 Virology	___ BIO 336 Invertebrate Biology	___ BIO 440 Aquatic Biology
___ BIO 430 Endocrinology	___ BIO 338 Vertebrate Biology	___ BIO 442 Plant Ecology
___ BIO 432 Histology	___ BIO 340 Parasitology	___ BIO 444 Pop. and Comm. Ecology.
___ BIO 434 Developmental Biology	___ BIO 346 Animal Behavior	___ BIO 446 Terrestrial Ecology
___ BIO 436 Molecular Genetics	___ BIO 348 Funct'l Human Anatomy	___ BIO 452 Conservation Biology
___ BIO 438 Plant Physiology	___ BIO 350 Human Physiology	___ BIO 454 Biological Invasions
___ BIO 450 Biotechnology	___ BIO 448 Physiological Ecology	___ BIO 456 Marine Ecology

III. Senior seminar course

- BIO 466 Senior Seminar
- or
- BIO 488 Honors thesis requirements

IV. Related Fields

Biology majors must also complete the following:

Bachelor of Science (B.S.)

- CHE 210/211 General Chemistry I Lecture/Laboratory
- CHE 212/213 General Chemistry II Lecture/Laboratory

CHE 216	Organic Chemistry I with Lab
CHE 217	Organic Chemistry II with Lab
MAT 243	Calculus I with Technology
MAT 244	Calculus II with Technology
or	
MAT 216	Statistical Data Analysis
or	
BIO 378	Biological Research & Data Analysis

and at least one of the following:

PHY 204	Physics I with Lab
PHY 205	Physics II w/Lab
PHY 208	Physics with Calculus I with Lab
PHY 209	Physics with Calculus II with Lab

Bachelor of Arts (B.A.)

CHE 210/211	General Chemistry I Lecture/Laboratory
CHE 212/213	General Chemistry II Lecture/Laboratory
MAT 216	Statistics
PHY 102	Energy and Scientific Method
EES 104	Dynamic Earth Lecture

Recommended Course Sequence:

Biology Major (B.S.)

First Year

Fall

Biology	120/lab or 130/lab	(4 CR)
Tier I	course	(3 CR)
FYR	course	(1 CR)
Chemistry	210	(3 CR)
Chemistry	212	(1 CR)
Math	130/243	(4 CR)
Total		16

If you qualify for Calculus I, you may take it at this time, or choose a second Tier 1 class.

Spring

Biology	120/lab or 130/lab	(4 CR)*
LAP Colloquium	(4 CR)	(4 CR)
Chemistry	211	(3 CR)
Chemistry	213	(1 CR)
English Writing		(3-5 CR)
HPE		(2 CR)

Total 15-17, depending on English course credits. If 17 credits total, HPE is delayed to next Fall

If you have to take a math class, then you cannot take a biology class at this time.

Second Year

Fall

Biology	220/Lab or 230/lab	(4 CR)
Chemistry	216/Lab	(4 CR)
Calculus or statistics		(3/4 CR)
Tier I course		(3 CR)
HPE		(2 CR) if not taken first year

Spring

Biology	220/Lab or 230/lab	(4 CR)
Chemistry	217/lab	(4 CR)
Tier I course		(3 CR)

Third and Fourth Years

Completion of major requirements

Completion of Tier I and Tier II courses

Biology	466	(3 CR)
Biology	Comprehensive exam	

Biology Major (B.A.)

First Year

Fall

Biology	120/lab or 130/lab	(4 CR)
Tier I course		(3 CR)
FYR course		(1 CR)
Chemistry	210	(3 CR)
Chemistry	212	(1 CR)
Math	216	(3 CR)
HPE		(2 CR)

Total

15-17 depending on HPE

Spring

Biology	120/lab or 130/lab	(4 CR)
LAP Colloquium		(4 CR)
Chemistry	211	(3 CR)
Chemistry	213	(1 CR)
English Writing		(3-5 CR)
HPE		(2 CR)

Total 15-17, depending on English course credits. If 17 credits total, HPE is delayed to next Fall.

Second Year

Fall

Biology	220/Lab or 230/lab	(4 CR)
Physics	102	(3 CR)

Tier I courses	(6 CR)
HPE	(2 CR) if not taken first year

Spring

Biology	220/Lab or 230/Lab	(4 CR)
Tier I course		(3 CR)
Tier I/II course		(3 CR)
EES	104/Lab	(4 CR)

Third and Fourth Years

Completion of major requirements

Completion of Tier I and Tier II courses

Biology	466	(3 CR)
Biology Comprehensive exam		

Minor: Biology

The biology minor consists of BIO 120, BIO 130, BIO 220, BIO 230 and one upper-level course. At least three of the courses must be taken at Eastern. Any student who plans to work toward the Biology minor must meet with the Biology Department assistant chairperson for approval of the plan of study.

Secondary Education Certification

Biology majors seeking Certification in Secondary Education must fulfill all biology major course requirements.

Biology Honors

In addition to the regular B.S. degree requirements, participants in the Biology Honors Program must complete the following:

- Regular participation in Biology Honors Student Discussion Group
- One semester of BIO 490–Teaching Assistantship
- BIO 378–Biological Research and Data Analysis (3 Credits) This course satisfies the University Honors Requirement of Honors 380 and can be used in combination with MAT 243 to satisfy the math requirement for the biology major. A grade of C or better is required to maintain good standing in the department’s program. This course is offered in the fall semester of even-numbered years.
- Satisfactory completion of an Honors Thesis Research Project
- Nine Credits: (five credits of BIO 488–Honors Thesis Research and four credits of HON 488–Honors Thesis) Refer to Biology Department Honors Thesis Guidelines for additional information.
- The BIO 466 - Seminar in Biology requirement for biology majors can be waived in lieu of the satisfactory completion of the nine-credit Honors Thesis.
- Completion of University Honors Requirements

Special Programs: Biology

Preprofessional Studies

Students planning to apply to professional schools should consult their Biology Department

advisors as soon as possible after enrollment. Students may prepare for medical, dental, veterinary, chiropractic, podiatric, or optometry school by majoring in biology. The Bachelor of Science degree program satisfies the requirements for most professional schools.

A limited number of seats are available to qualified Eastern students for entry into: Southern Connecticut State University Accelerated Career Entry (ACE) into Nursing Program or University of Connecticut Masters Entry into Nursing (MBeIN) Program.

Interested students should meet with the Preprofessional Advising Committee (PAC) to consider and set a curriculum. Students are expected to attend PAC-sponsored semester meetings, and they are encouraged to attend any enhancement and/or preparatory programs offered by the department or the university. During their junior and senior years, students must spend time preparing for entrance examinations [Medical College Aptitude Test (MCAT), Dental Aptitude Test (DAT), etc.]; materials are available in the library from the reserve desk. Students should volunteer or intern during semester and summer breaks in appropriate institutions. In addition, qualified preprofessional students are encouraged to participate in an independent study project. Information about preprofessional studies is available at www.easternct.edu/biology.

Biotechnology/Biochemistry

Biotechnology and biochemistry are among the fastest growing areas of biology. Courses in these areas prepare students for research or sales careers in biotechnology firms and corporations, in research laboratories, and for graduate school; the jobs are intellectually and financially rewarding. Students interested in these fields should identify themselves to the faculty, so that the appropriate course work can be recommended; students should be well prepared not only in biology, but in chemistry, physics, and mathematics.

Courses of Instruction: Biology

The following courses are offered by the Biology Department for students with little or no science background. There are no prerequisites for any of the following courses. Courses with an asterisk* include an optional lab.

BIO 200	Ecology and the Environment*
BIO 202	Human Biology*
BIO 205	Insects and Human Society with Lab
BIO 207	Plants and Human Affairs with Lab
BIO 301	Microbes and your Health*
BIO 304	Genetics and Society*
BIO 305	The Animal World
BIO 308	General Ecology
BIO 309	Summer Flora of Connecticut
BIO 310	Process of Science Within Society

BIO 120 ORGANISMAL BIOLOGY WITH LAB

4 CREDITS

COREQUISITES: CHE 210/212 OR CHE 211/213

NOTE: THERE IS A \$50 LAB FEE FOR THIS COURSE.

The structure and function of organisms is the focus of this course. After a passage through

the clade of living organisms, we consider the basic problems faced by all living organisms and compare the diverse solutions that have evolved among bacteria, archaea, protists, chromists, rhodophytes, plants, fungi and animals. The fundamental concepts include: cellular structure, homeostasis, growth, movement, behavior, reproduction and evolution. Laboratory exercises involve both observation and experimentation with living organisms. Three hours lecture, three hours laboratory.

BIO 130 GENERAL ECOLOGY WITH LAB

4 CREDITS

PREREQUISITES: MAT 130 STRONGLY RECOMMENDED

This course is an introduction to the study of interactions between species and their physical environment. This course will examine the factors that determine the distribution and relative abundance of species, organization of communities, and ecosystems dynamics. Topics will be presented within an evolutionary framework, drawing on connections to human experience, as well as other sub-disciplines of biology. Laboratory experiments will include essential theories and techniques in the field. Three hours lecture, three hours laboratory.

BIO 180 FRESHMAN SUPERVISED STUDY

1 CREDIT

PREREQUISITE: BIO MAJOR AND PERMISSION OF INSTRUCTOR;

COREQUISITE: BIO 120 OR BIO 130

The student formulates the project idea with the Eastern faculty mentor. The student is expected to write a comprehensive report to the faculty mentor.

BIO 200 ECOLOGY AND THE ENVIRONMENT (LECTURE)

3 CREDITS

Humans are altering global ecosystems at a rate unprecedented in the earth's history. These environmental problems can only be remedied when an informed society takes action. This course introduces students to the study of interactions among organisms and with their physical environment. We will examine how humans are affecting natural processes, biodiversity, and the trajectory of evolution. Course topics include the movement of energy through ecosystems, species interactions, population dynamics, and human impacts on other organisms and the environment. Topics will be presented within an evolutionary framework, drawing on connections to human experience as well as other sub-disciplines of biology. Special emphasis will be placed on the scientific method and ecology as a scientific enterprise.

BIO 201 ECOLOGY AND THE ENVIRONMENT (LABORATORY) 1 CREDIT

NOTE: THERE IS A \$50 LAB FEE FOR THIS COURSE.

Students in this course will participate in the process of science, through a variety of hands-on investigations in ecology. Activities will be designed to teach key scientific skills such as observation and measurement, manipulation, and control of variables, graphical analysis, and the formulation of alternative hypotheses. Elementary statistical concepts will also be explored, via simple spreadsheet analyses. Students will apply scientific principles of experimental design and data analysis to problems drawn from ecology, as well as from everyday life. This course is intended to provide an accessible and relevant hands-on laboratory experience for non-majors.

BIO 202 HUMAN BIOLOGY (LECTURE)

3 CREDITS

This course will examine the basic scientific principles that govern human biology. Study of the human body begins with the role of organic molecules and progresses to cell structure, transport, and metabolism. The organization of basic tissues is discussed in the context of discrete body organs. The structure and function of major organ systems are reviewed as they operate in concert with one another to maintain health and homeostasis. Three hours lecture per week.

BIO 203 HUMAN BIOLOGY (LABORATORY)**1 CREDIT**

PRE OR CO-REQUISITE: BIO 202

NOTE: THERE IS A \$50 LAB FEE FOR THIS COURSE.

This lab requires active participation in hands-on experimental techniques to investigate the fundamental life processes associated with human biology. A practical application of the scientific method will be used to explore topics in: organic molecules and pH, microscopy, osmosis and diffusion, cell division and metabolism, cardiovascular function, respiration, sensory modalities, and the skeleton. Two hours laboratory per week

BIO 205 INSECTS AND HUMAN SOCIETY WITH LAB**4 CREDITS**

NOTE: THERE IS A \$50.00 LAB FEE FOR THIS COURSE.

An introductory course about the intriguing insect world and how these six-legged creatures interact with people. Topics include insect diversity, structure and function, and behavior. Examples will illustrate the profound impacts insects have had on history, culture, and society. Laboratory exercises will provide experience in observation, experimentation, and analyses. Three hours lecture, three hours laboratory per week.

BIO 206 EPIDEMIOLOGY FOR THE LIBERAL ARTS**3 CREDITS**

This course deals with the clinical history of infectious and chronic diseases. It is the study of the distribution and determinants of health-related states or events in human populations and the application of this study to the prevention and control of health problems. It is focused on data collection and analysis, and the dissemination of information relating to the health of the public or community. Epidemiology is involved in testing, decision-making methods, and policy analysis applicable to social concerns. This course also links concerns of natural sciences, social sciences, and ethics to enrich student understanding of public policy and other population-based disciplines. This course is cross-listed with PBH 206.

BIO 207 PLANTS AND HUMAN AFFAIRS WITH LAB**4 CREDITS**

NOTE: THERE IS A \$50 LAB FEE FOR THIS COURSE.

The basic principles of life are examined with emphasis on plant and human examples. This course introduces cellular structure, metabolism, growth, reproduction, adaptation to the physical environment, and genetic evolution. The mutualistic relationship between plants and humans is a central theme. Greenhouse and laboratory exercises provide practical experience in experimental biology. Three hours lecture three hours laboratory field work per week.

BIO 220 CELL STRUCTURE AND FUNCTION WITH LAB**4 CREDITS**

PREREQUISITES: BIO 120 AND BIO 130. MAT 130 STRONGLY RECOMMENDED

NOTE: THERE IS A \$50 LAB FEE FOR THIS COURSE.

This writing intensive course examines the molecular and physiological basis of cell structure and function in microbes, animals and plants, as well as the structure and function of viruses. Laboratory exercises cover essential principles and techniques for studying cells.

Three hours lecture/three hours laboratory.

BIO 228 INTRODUCTION TO PUBLIC HEALTH**3 CREDITS**

This course introduces students to public health and various public health systems. It focuses on the core functions and essential services of public health, understanding and measuring health status and introduction to basic tools of public health practitioners. This course also focuses on the effect of lifestyles, social and behavioral factors in the health of the public/community. Aspects of environmental (soil and water) pollution, water and food security and their impact on community health and public safety are explored. The course delves into the

epidemiology of emerging infectious diseases, aspects of infections and non-infectious disease surveillance systems and the role of technology and communication as tools in the delivery of public health services. Finally, bioterrorism, smoking and cancer are studied as public health threats. This course is cross-listed with PBH 228.

BIO 230 GENERAL GENETICS WITH LAB

4 CREDITS

PREREQUISITES: BIO 120 AND BIO 130. MAT 130 STRONGLY RECOMMENDED

This writing intensive course is an introduction to the basics of genetics, including molecular, cellular, transmission and population genetics. It will provide an overview of the structure and function of genes and chromosomes and explore the evolutionary consequences of their behavior in populations. Laboratory experiments will include essential theories and techniques in the field. Three hours lecture/three hours laboratory.

BIO 280 SOPHOMORE SUPERVISED STUDY

1-2 CREDITS

PREREQUISITES: BIO MAJOR AND PERMISSION OF INSTRUCTOR; COREQUISITE: BIO 220 or BIO 230

The student formulates the project idea with the Eastern faculty mentor. The student is expected to write a comprehensive report to the faculty mentor or present the results of the study in seminar form at Eastern.

BIO 301 MICROBES AND YOUR HEALTH (LECTURE)

3 CREDITS

This course provides general knowledge about the relationship between microbial organisms and the human host. The impact on the socio-economic and environmental health of society is also covered. The course deals with pathogenesis, infection, prevention, and treatment of selected diseases. Microbes include bacteria, viruses, fungi, and protozoans. Three hours lecture per week.

BIO 302 MICROBES AND YOUR HEALTH (LABORATORY)

1 CREDIT

PRE OR CO-REQUISITE: BIO 301

NOTE: THERE IS A \$50 FEE FOR THIS COURSE.

This course introduces science and non-science majors to the principles and application of microbiology through a laboratory experience. At the end of this laboratory course, students are expected to know the difference between various microbes like bacteria, virus, fungus and protozoa. Additionally, the knowledge about control and inhibition of microbial growth with antimicrobial agents such as antibiotics and disinfectants will be demonstrated in the laboratory. Through laboratory experiments and demonstrations, students will identify microbes, learn about the role microbes play in food, water and safety. At the end of the course, students would have acquired appreciation and basic understanding of the complexity and diversity of microbial world and how they interact with humans. This course is for undergraduate students with interest in nursing and public health careers.

BIO 303 APPLIED HUMAN PHYSIOLOGY

3 CREDITS

PREREQUISITE: BIO 120 OR BIO 202 OR EQUIVALENT OR PERMISSION OF INSTRUCTOR

This course provides a practical study of how the human body functions. Biological mechanisms, which regulate and integrate activity of the major organ systems (such as neuromuscular, cardiovascular, excretory, endocrine, etc.) will be emphasized. Certain pathophysiological processes will be presented. This course does not fulfill the requirements for Eastern's Biology majors or minors. Three-hour lecture per week.

BIO 304 GENETICS AND SOCIETY (LECTURE)

3 CREDITS

The course includes discussion and hands-on components designed to meet the objectives of

the LAC curriculum. It will focus on historical and modern genetic technology relevant to all students. Topics include: cloning, stem cells, genetic testing, genetics in agriculture, genetics and the law, genetics in the media, and the moral and ethical issues inherent to these modern technologies. It will also include discussion of the history of genetics from Gregor Mendel to the modern “gene jockeys” such as Craig Venter (Human Genome Project Director) and a review of the basic principles DNA structure and inheritance.

BIO 305 THE ANIMAL WORLD

3 CREDITS

The world of animals from microscopic forms to large mammals. With common names used wherever possible, the general biology of each animal group will be covered. Consideration will be given to how humans and the animals in each group interact; e.g., organisms that cause human disease, animals as human food, poisonous animals, domestic animals. Three hours lecture per week.

BIO 308 GENERAL ECOLOGY

3 CREDITS

An overview of the scientific study of interactions among organisms and their physical environment, progressing in complexity from the organism, to the population, to the community, to the ecosystem. Topics covered include: physiological ecology, population dynamics, factors that determine the distribution and relative abundances of species, organization of communities and ecosystem dynamics. Three hours lecture per week.

BIO 309 SUMMER FLORA OF CONNECTICUT

4 CREDITS

Connecticut hosts a range of natural environments populated by plants of every phylum. Through a combination of lectures and field trips over seven weeks, the course will focus on identifying local flora, surveying regional plant communities, recognizing plant families of major importance and their evolutionary relationships, and learning field techniques for studying botany. Students will learn to identify plants in the field using standard field guides, and will learn how to collect plants responsibly, press and mount specimens for a personal herbarium. The course provides a venue for recognizing evolutionary and ecological relationships among the components of plant communities. No prerequisite.

BIO 310 PROCESS OF SCIENCE WITHIN SOCIETY

3 CREDITS

PREREQUISITE: JR/SR STANDING RECOMMENDED

An examination of science as a process, as a discipline, and as reflection of society’s values, political systems, and philosophical biases. Specific discoveries, ideas, and theories will be examined within their respective social contexts. Additional topics will include ethics and scientific inquiry, the use of scientific evidence in the courtroom, and the gradient between pseudoscience and science. Three hours lecture per week.

BIO 314 GENETICS AND SOCIETY (LABORATORY)

1 CREDIT

NOTE: THERE IS A \$50 LAB FEE FOR THIS COURSE.

This is a laboratory course that fulfills the LAC Tier II Natural Science laboratory requirement. It is intended to complement the Genetics and Society lecture and as such, BIO 304 is a pre- or co-requisite for enrollment. This course will focus on historical and modern genetic technology relevant to all students. Topics include: the scientific method, methods of genetic analysis including PCR, RFLP, and electrophoresis, genetic pedigree analysis, genetics in the media, and the moral and ethical issues inherent to these modern technologies.

BIO 319 OCEANIC ISLAND ECOLOGY

1 CREDIT

This five-week elective course examines the biogeography of marine and terrestrial plants and animals on oceanic islands and adjacent waters. Examples will include Bermuda, the Bahamas, the Galapagos and Hawaii. Topics include geological origin of oceanic islands, dispersal

mechanisms, colonization and establishment of populations, adaptive radiation, endemism, extinction, and interaction between native and introduced species. This course is a prerequisite for BIO 320 Tropical Biology - Bahamas/Bermuda field course. Three hours seminar per week for five weeks.

BIO 320 TROPICAL BIOLOGY

3 CREDITS

PREREQUISITE: PERMISSION OF INSTRUCTOR

An eight- to 12-day field ecology experience in the tropics. Concepts of tropical ecology, island biogeography, as well as natural history of marine and terrestrial fauna and flora are studied.

BIO 324 ENTOMOLOGY

4 CREDITS

This introductory entomology course is open to biology majors and other students meeting the prerequisites. The course will discuss the classification, physiology, population biology, and behavior of insects. Insect-human relations will be explored, with an emphasis on medical entomology, insect control, and molecular biology. Laboratories will highlight external and internal anatomy, insect orders, behavior, population biology, and ecology. Students are required to make an insect collection. Three hours lecture and three hours laboratory/field work per week.

BIO 330 CELL BIOLOGY WITH LAB

4 CREDITS

This course examines the diversity of eukaryotic cell types and analyzes underlying similarities, with an emphasis on cell structure and function. The major topics covered will look at import/export, signaling, organelle structure and function, energetics, motility, cell cycle, and information flow. The laboratory will emphasize techniques of wide usage and students will be expected to create their own experiments. Three hours lecture/three hours laboratory per week.

BIO 332 BIOLOGY OF PLANTS WITH LAB

4 CREDITS

Methodical investigation of green algae, bryophytes, ferns, gymnosperms, and angiosperms. Emphasis is placed on anatomy, morphology, life history, and evolution. Physiology and ecology of these organisms are introduced. Laboratory activities are coordinated with lecture topics. Three hours lecture/three hours laboratory per week.

BIO 334 GENERAL MICROBIOLOGY WITH LAB

4 CREDITS

Introduces the biochemical and physiological aspects of microbial agents including bacteria, fungi, protozoans, and viruses and how they interact with their environment. Emphasis is placed on: the difference between infection and disease, the importance and consequence of microbial interaction with the environment, the different kinds of microbial agents, host immunity to microbial agents, and mechanism of immunization and vaccination. Three hours lecture/three hours laboratory per week.

BIO 336 INVERTEBRATE BIOLOGY WITH LAB

4 CREDITS

A functional approach in lecture surveying the major and minor invertebrate groups with an emphasis on marine organisms. Laboratory follows a phylogenetic approach to invertebrate body organization. Three hours lecture/three hours laboratory per week.

BIO 338 VERTEBRATE BIOLOGY WITH LAB

4 CREDITS

A survey of the major vertebrate groups with emphasis on viewing vertebrate morphological, physiological, and life history traits within their respective ecological and evolutionary contexts. Three hours lecture/three hours laboratory per week.

BIO 340 PARASITOLOGY WITH LAB**4 CREDITS**

Examines protozoa, trematodes, cestodes, nematodes, mites, ticks, etc. which are parasitic for humans and other selected animals. Identification methods, classification, life cycles, and disease characteristics are covered in lecture and laboratory. Three hours lecture/three hours laboratory per week.

BIO 346 ANIMAL BEHAVIOR WITH LAB**4 CREDITS**

A broad integrative approach to the study of animal behavior, focusing on the genetic basis of behavior, physiological, and sensory mechanisms, and the ecological context in which behaviors evolve. Three hours lecture/three hours laboratory per week.

BIO 348 FUNCTIONAL HUMAN ANATOMY WITH LAB**4 CREDITS**

A study of the gross anatomy of the human body. The course provides a correlative review of the structure/function relationships of human body systems. Three hours lecture/three hours laboratory per week.

BIO 350 HUMAN PHYSIOLOGY WITH LAB**4 CREDITS**

A systemic approach to the study of human physiology. Fundamental physiological mechanisms associated with homeostatic functions of major body systems will be discussed. Consideration of some abnormal and pathologic states. Three hours lecture/three hours laboratory per week.

BIO 360 TROPICAL ECOSYSTEMS**1 CREDIT**

This seminar examines fundamental topics in tropical biology. The course, used in combination with BIO 320, partially satisfies the 300-level biology requirement for biology majors. Two hours seminar for seven weeks.

BIO 363 FIELD ORNITHOLOGY**1 CREDIT**

An introduction to ornithology that emphasizes basic aspects of avian biology/ecology and field identification. Three hours seminar for five weeks; one weekend field trip.

BIO 365 SPECIAL TOPICS IN BIOLOGY**1-4 CREDITS EACH****BIO 366 MOLECULAR ASPECTS OF CELL BIOLOGY****1 CREDIT**

This lecture analyzes specific topics in cell biology at the molecular level, and provides an understanding of the biochemical and physical processes that control biology. This course is a corequisite or prerequisite for BIO 422. Three hours lecture for five weeks.

BIO 367 FUNDAMENTALS OF ULTRASTRUCTURE**1 CREDIT**

This lecture gives the student a basic understanding of the structure and function of cellular organelles (e.g. mitochondria, endoplasmic reticulum, etc.) Examination and interpretation of electron micrographs will be stressed. This course is a corequisite or prerequisite for BIO 420. Three hours lecture for five weeks.

BIO 378 BIOLOGICAL RESEARCH AND DATA ANALYSIS**3 CREDITS**

PREREQUISITE: SOPHOMORE STANDING AND INSTRUCTOR'S PERMISSION

A hands-on data analysis course designed for students conducting independent research in biology. The course integrates descriptions of research projects with a survey of the statistical techniques typically utilized in biological research. Topics range from descriptive statistics to ANOVA and regression analysis. This course is required of all Biology Honors students and can be used in combination with MAT 243 to satisfy the math requirement for the biology major.

BIO 380 INDEPENDENT STUDY I**1-3 CREDITS**

The student formulates the project idea with the Eastern faculty mentor. The student is expected to carry out an independent project and write a comprehensive report to the faculty mentor or present the results of the study in seminar form at Eastern.

BIO 404 IMMUNOLOGY**3 CREDITS**

A study of how the human body defends itself against invasion by microbes and other entities via antigens, antibodies and antigen-antibody reactions. Topics include phagocytosis, hemagglutination, precipitation, agglutination, complement fixation, and immuno-electrophoresis. Three hours lecture per week.

BIO 420 ELECTRON MICROSCOPY WITH LAB**4 CREDITS**

Covers the operation of and tissue preparation for the transmission electron microscope. Techniques used in specimen preparation include: fixation, dehydration, infiltration, embedding, and ultramicrotome thin-sectioning. Photography (darkroom and digital) use is intensive. Scanning electron microscopy is introduced. Three hours lecture/three hours laboratory per week.

BIO 422 RESEARCH METHODS IN MOLECULAR BIOLOGY WITH LAB**4 CREDITS**

INSTRUCTOR'S PERMISSION REQUIRED

The lectures deal with the theoretical basis for commonly used techniques in protein and DNA purification and characterization. The laboratories provide students with experience in most of the major methods, such as acrylamide gels, staining techniques, chromatography, and centrifugation. Three hours lecture/three hours laboratory per week.

BIO 428 VIROLOGY WITH LAB**4 CREDITS**

A study of viruses of vertebrates, invertebrates, bacteria, and plants. Classification, biochemical and biophysical characterization, and life cycles are covered. Major emphasis will be placed on those viruses of medical importance to human. Three hours lecture/three hours laboratory per week.

BIO 430 ENDOCRINOLOGY WITH LAB**4 CREDITS**

A study of the structure, function, and regulation of hormones in humans. Principles are presented within the context of cellular/molecular biology and classical organ physiology. Three hours lecture/three hours laboratory per week.

BIO 432 HISTOLOGY WITH LAB**4 CREDITS**

A microscopic study of vertebrate tissue organization and structure. Epithelial, connective, muscle, and nervous tissues are looked at both individually and in combination as they form the organs and organ systems of the body. Laboratory work includes detailed microscopic study of prepared material. Three hours lecture/three hours laboratory per week.

BIO 434 DEVELOPMENTAL BIOLOGY WITH LAB**4 CREDITS**

Study of animal and some plant development. Concepts of fertilization, presumptive germ layer formation, organogenesis, growth and regulation will be considered from an experimental and descriptive viewpoint. New advances in molecular and cellular biology will be stressed from a developmental point of view. Three hours lecture/three hours laboratory per week.

BIO 436 MOLECULAR GENETICS WITH LAB**4 CREDITS**

Structure and function of DNA. DNA replication, transcription, mRNA structure, translation in prokaryotes and eukaryotes. Mutation, causes, effects and repair mechanisms,

control of gene regulation, lac operon, virus maturation. Jumping genes, transposons. Immunogenetics, genetic engineering, recombinant DNA. Three hours lecture/three hours laboratory per week.

BIO 438 PLANT PHYSIOLOGY WITH LAB

4 CREDITS

Normal functions of plants are studied from the biochemical to the organismal levels. Topics included are respiration, photosynthesis, nitrogen metabolism, mineral nutrition, water relations, transpiration, translocation, plant growth substances, plant tropisms, photoperiodism, flowering, dormancy, and senescence. Three hours lecture/three hours laboratory per week.

BIO 440 AQUATIC BIOLOGY WITH LAB

4 CREDITS

An examination of the physical and chemical factors and biotic interactions influencing aquatic life of both freshwater and marine environments. Three hours lecture; six-hour field excursions for seven weeks.

BIO 442 PLANT ECOLOGY WITH LAB

4 CREDITS

The study of mechanisms that regulate plant population numbers and plant species coexistence. Topics include seedling recruitment, resource allocation patterns, life-history strategies, breeding systems, plant-animal interactions (herbivory, pollination ecology), competitive ability vs. stress-tolerance, and ecologically-sound vegetation management practices. Three hours lecture/three hours laboratory per week.

BIO 444 POPULATION AND COMMUNITY ECOLOGY WITH LAB

4 CREDITS

A study of the dynamics of population growth, life history strategies, predator-prey and competition theory, and biogeography. Laboratory work includes population censusing techniques and development of computer simulations. Three hours lecture/three hours laboratory per week.

BIO 446 TERRESTRIAL ECOLOGY WITH LAB

4 CREDITS

An analysis of the characteristics and mechanisms that regulate community structure and ecosystem function in the major terrestrial biomes of North America. Topics covered include: effects of competition, predation, parasitism and mutualism on species diversity, factors affecting regeneration, nutrient cycling, energy flow, succession and effects of human disturbance. Laboratory sessions consist of learning methods used in the analysis of terrestrial environments. Three hours lecture/three hours laboratory per week.

BIO 448 PHYSIOLOGICAL ECOLOGY WITH LAB

4 CREDITS

A study of various physiological adaptations and constraints that govern the interactions of animals with other organisms and with their environment. Three hours lecture/three hours laboratory per week.

BIO 450 BIOTECHNOLOGY WITH LAB

4 CREDITS

This course provides extensive hands-on lecture/laboratory experience and skills in current methodologies in biotechnology. Aspects covered include: genome complexity, gene structure, function, regulation and control; DNA product synthesis (translation and transcription); enzyme chemistry, assays and applications; gene manipulation and characterization; gel filtration and electrophoresis; cell and tissue culture techniques. Three hours lecture/three hours laboratory per week.

BIO 452 CONSERVATION BIOLOGY WITH LAB**4 CREDITS**

A study of threats to biodiversity including: habitat destruction, invasive species, pollution, human population growth, and over-harvesting. Emphasis is placed on: the value examination of methods in conservation biology, current issues at the local and global levels highlighted by case studies, and the use of molecular techniques in conservation. Three hours lecture/three hours laboratory per week.

BIO 454 BIOLOGICAL INVASIONS WITH LAB**4 CREDITS**

Non-native, invasive species are second only to habitat destruction in their effects on biodiversity and ecosystems. This course examines the causes, impacts, biology, and management of the human-mediated redistribution of the earth's biota, including invasive bacteria, fungi, plants, and animals in terrestrial, aquatic, and marine environments. Class time will consist of lectures, discussion of peer-reviewed scientific literature, and student-led presentations and discussions. In laboratory, invasive species research and management techniques are examined including GIS mapping of species distributions, field sampling techniques, analysis of trophic interactions, and biological control studies.

Three hours lecture/three hours laboratory per week

BIO 456 MARINE ECOLOGY WITH LAB**4 CREDITS**

A study of the marine environment, adaptations of marine organisms, and the interactions among marine organisms. Topics include in-depth study of marine systems such as the deep ocean, salt marshes, and coral reefs. Relevant primary literature will be discussed for each topic. Three hours lecture; weekly six-hour field excursions in the first seven weeks of the semester.

BIO 466 SENIOR SEMINAR**3 CREDITS**

PREREQUISITES: SENIOR STATUS IN BIOLOGY PROGRAM; COMPLETION OF INTERMEDIATE WRITING REQUIREMENT

This capstone course is open to senior biology majors who have completed three of their upper-level biology courses. Students participate in the synthesis and communication of ideas in biology. Activities include extensive writing and revision of papers and oral communication in various modes. Successful completion of this course satisfies the University advanced writing requirement. Three hours seminar per week.

BIO 480 INDEPENDENT STUDY II**1-4 CREDITS**

PREREQUISITES: BIO 380 (B OR BETTER), GPA 2.0, AND INSTRUCTOR'S PERMISSION

The student formulates the project idea with the Eastern faculty mentor. The student is expected to carry out an independent project, write a comprehensive report to the faculty mentor, and present the results of the study in seminar form at Eastern.

BIO 488 HONORS THESIS RESEARCH**1-6 CREDITS**

PREREQUISITES: JUNIOR STANDING AND CONSENT OF DEPARTMENTAL HONORS COMMITTEE

Honors students conduct independent research under the guidance of departmental Honors Committee and a faculty supervisor. The research will lead to the completion of an Honors Thesis.

BIO 490 TEACHING ASSISTANTSHIP I**2-3 CREDITS**

PREREQUISITES: B OR BETTER IN ASSISTED COURSE OR EQUIVALENT, GPA 2.7 OR BETTER, AND INSTRUCTOR'S PERMISSION

The student assists in the instruction of a laboratory course. Responsibilities include preparing and cleaning-up of instructional materials for laboratory, providing orientation and instructions to students in the class, assisting in marking certain class assignments, and serving as role model, mentor, and tutor for students.

BIO 491 TEACHING ASSISTANTSHIP II**2-3 CREDITS**

PREREQUISITES: BIO 490, B OR BETTER IN ASSISTED COURSE OR EQUIVALENT, GPA 2.7 OR BETTER, AND INSTRUCTOR'S PERMISSION

The student assists in the instruction of a laboratory course. Responsibilities include preparing and cleaning-up of instructional materials for laboratory, providing orientation and instructions to students in the class, assisting in marking certain class assignments, and serving as role model, mentor, and tutor for students.

BIO 494 SUPERVISED FIELD EXPERIENCES**3-15 CREDITS**

PREREQUISITES: GPA 2.0 OR BETTER AND PERMISSION OF INSTRUCTOR

The student, in consultation with an Eastern faculty mentor, finds a supervisor with an external agency (physician, staff scientist, veterinarian, forester, etc.) to support and guide the student's project. With advice from the faculty mentor and agency supervisor, the student prepares a proposal for the field experience. This proposal should indicate the nature and amount of work to be done and the method for evaluation of the project by supervisor and mentor. The proposal is submitted to the department chairperson. The number of credits allowed is determined by the mentor and department chairperson. A written paper or seminar presentation of the project is an expected outcome for the field experience.

CHEMISTRY

Chairperson: *Timothy A. Swanson*

Professors: *Charles M. Wynn Sr.*

Associate Professors: *Darrell Koza, John M. Toedt*

Assistant Professor: *Robert Keesey*

Major: Biochemistry (B.S.)

Objectives

The biochemistry major, offered through the Department of Physical Sciences, is an interdisciplinary major combining resources and faculty expertise from the Physical Sciences and Biology departments. Students majoring in biochemistry obtain a broad background in biochemistry from chemistry and biology courses, preparing them for the ever-evolving scientific world. The discipline provides an in-depth introduction to the structures and functions of biologically important molecules. The curriculum meets standards set forth by recognized scientific organizations. Students who enjoy both chemistry and biology and are comfortable with quantitative approaches to problem solving will find biochemistry a rewarding field of study.

The curriculum provides:

- Core courses in scientific fundamentals and research
- Intense preparation in laboratory skills in order to meet the demands of the technological community
- A sound liberal arts background
- Electives that allow flexibility to investigate areas of interest

The Program

The biochemistry program commences with basic introductory courses common to the biological and chemical sciences. Biochemistry majors then take a rigorous year-long lecture and laboratory course sequence; these courses familiarize students with the most significant aspects of biochemistry and biochemical research. In addition, upper-level biochemistry courses examine aspects of modern biochemistry as well as the molecular and cellular techniques used extensively in industrial and academic research facilities. Students are required to take additional courses in biology and physical biochemistry to further their quantitative knowledge of biological processes and bio-macromolecular structure and function.

Career Alternatives

The biochemistry program provides a solid scientific background for students seeking a research, teaching, or service career in the life sciences. Positions for biochemists are available in biomedical, biotechnological, pharmaceutical, agricultural research and chemical industries. University-affiliated research laboratories, hospital laboratories, and government-sponsored research facilities also provide employment opportunities. Finally, this major provides excellent preparation for advanced study in graduate or professional schools.

Proficiencies that biochemistry students should have by the time they have completed their undergraduate program:

- Understanding of the fundamentals of chemistry and biology and the key principles

of biochemistry and molecular biology

- Awareness of the major issues at the forefront of the discipline
- Good laboratory skills such as the ability to accurately and reproducibly prepare reagents for experiments
- Ability to dissect a problem into its main features
- Ability to design experiments and understand the limitations of the experimental approach
- Ability to interpret experimental data and identify reliable and inconsistent components
- Ability to formulate follow-up questions and design experiments
- Ability to work safely and effectively in a laboratory
- Awareness of available resources and how to use them
- Ability to use computers as information and research tools
- Ability to collaborate with other researchers
- Ability to use oral, written and visual presentations to communicate their work to both science-literate and science non-literate audiences
- Ability to think in an integrated and creative manner and to look at problems from different perspectives
- Awareness of the ethical issues in the biochemical sciences

Bachelor of Science in Biochemistry Program:

Degree Requirements

	Credits	
	Lecture	Lab
CHE 210 General Chemistry I with Lab (CHE 212)	3	1
CHE 211 General Chemistry II with Lab (CHE 213)	3	1
CHE 216 Organic Chemistry I with Lab	3	1
CHE 217 Organic Chemistry II with Lab	3	1
BIO 120 Organismal Biology with Lab	3	1
BIO 220 Cell Biology with Lab	3	1
BIO 230 General Genetics with Lab	3	1
PHY 204 Physics I with Lab	3	1
PHY 205 Physics II with Lab	3	1
MAT 244 Calculus II with Technology	4	
Advanced Scientific Courses (18 credits)		
CHE 316 Biochemistry I with Lab (CHE 317)	3	1
CHE 318 Biochemistry II with Lab (CHE 319)	3	1
CHE 323 Physical Biochemistry	3	
CHE 410 Physical Biochemistry Techniques	3	
CHE 425 Chemical Instrumentation with Lab*	3	1
Total	46	12

*Writing Intensive Course

Elective Courses That Complement Biochemistry Discipline

Degree Requirements

	Credits	
	Lecture	Lab
CHE 320 Quantitative Chemistry Analysis with Lab	3	1
CHE 370 Organic Qualitative Analysis with Lab	3	1
BIO 130 General Ecology with Lab	3	1
BIO 330 Cell Biology with Lab	3	1
BIO 334 General Microbiology with Lab	3	1
BIO 422 Research Methods in Molecular Biology with Lab	3	1
BIO 428 Virology with Lab	3	1
BIO 436 Molecular Genetics with Lab	3	1
BIO 450 Biotechnology with Lab	3	1

Recommended Course Sequence: Biochemistry Major (B.S.)

Check all course descriptions for prerequisites before planning a course schedule.

** Must be completed within first 30 credits*

First Year

Semester 1		Semester 2	
CHE 210	3	CHE 211	3
CHE 212	1	CHE 213	1
BIO 120	4	BIO 130	4
*MAT 130 (Tier I)	4	*ENG 100 (Tier I)	3
*Health & Wellness (Tier I)	2	First Year Liberal Arts Colloquium	4
First Year Cluster (link 2 above) optional	1		
Total	15		15

Second Year

Semester 1		Semester 2	
CHE 216	4	CHE 217	4
BIO 220	4	BIO 230	4
MAT 243	4	MAT 244	4
Tier I (Arts Humanities: Art Context)	3	Tier I (Historical Perspective)	3
Total	15		15

Third Year

Semester 1		Semester 2	
CHE 316	3	CHE 318	3
CHE 317	1	CHE 319	1

300-400 Elective with Lab	4	CHE 323	3
Tier I (Arts Humanities: Art Lit and Thought)	3	Tier I (Social Sciences)	3
PHT 204	4	PHY 205	4
TOTAL	15		15

Fourth Year

Semester 1		Semester 2	
CHE 425	4	CHE 410	3
300-400 Science Elective with Lab	4	Tier III (Capstone)	3
Tier II (Cultural Expression)	3	300-400 Elective with Lab	4
Tier II (Creative Expression)	3	Tier II (Individual and Society)	3
Tier II (Applied Information Technology)	3	Elective	3
TOTAL	17		16

Minor: Chemistry

This minor is offered for those students who wish to acquire a variety of chemistry courses to (1) broaden their knowledge of chemistry and laboratory techniques to better enable them to find suitable employment, and (2) strengthen their background in chemistry prior to entering graduate school in the sciences.

The chemistry minor consists of CHE 216/217 (Organic Chemistry with Laboratory) and at least three chemistry electives from those listed below (with an average grade of "C" or better). A maximum of two courses may be transferred:

CHE 310	Environmental Chemistry
CHE 316	Biochemistry I lecture
CHE 320	Quantitative Chemical Analysis
CHE 322	Physical Chemistry
CHE 323	Physical Biochemistry
CHE 370	Organic Qualitative Analysis
CHE 380	Tutorial on Chemistry
CHE 425	Chemical Instrumentation
CHE 480	Independent Study
CHE 492	Directed Research

Note: a minimum of three courses in this minor must be unique to this minor (that is, they cannot be counted toward any other graduation requirement.)

Minor: Biochemistry

For those students who desire a more concentrated course of study in biochemistry, this minor may be accomplished by taking all of the following chemistry courses (note: a minimum of three courses in this minor must be unique to this minor and will not be counted toward any other graduation requirement):

CHE 216-217	Organic Chemistry with Laboratory	8
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CHE 316	Biochemistry I Lecture	3
CHE 317	Biochemistry I Laboratory	1
CHE 318	Biochemistry II Lecture	3

and any one of the following courses:

BIO 334	General Microbiology with Laboratory	4
BIO 422	Research Methods in Molecular	4

Biology with Laboratory

BIO 450	Biotechnology with Laboratory	4
CHE 323	Physical Biochemistry	3

Courses of Instruction: Chemistry

CHE 200 INTRODUCTION TO CHEMISTRY WITH LAB 4 CREDITS

NOTE: THERE IS A \$50 LAB FEE FOR THIS COURSE.

Note: One-semester course for students who have not had high school chemistry. Not recommended for science concentrations.

An academic core course covering the basic concepts of modern chemistry, including metric system, atomic structure, periodic chart, bonding, reactions, nomenclature, and practical applications. Laboratory exercises will provide experience in observation, experimentation, and analysis. Three hours lecture, three hours laboratory work per week.

CHE 205 CHEMISTRY OF LIFE WITH LAB 4 CREDITS

NOTE: THERE IS A \$50 LAB FEE FOR THIS COURSE.

An introductory chemistry course about chemistry and the role it plays in our everyday lives. Topics include general chemistry, introduction to chemical compounds, and introductory biological chemistry and how these areas of science relate to current societal issues such as pollution, food, and drug development. Laboratory exercises will provide experience in observation, experimentation, and analysis. Three hours lecture three hours laboratory work per week.

CHE 210 GENERAL CHEMISTRY I (LECTURE) 3 CREDITS

PREREQUISITE: HIGH SCHOOL CHEMISTRY; COREQUISITE: CHE 212

Conceptual approach to modern chemistry. Topics include atomic theory, laws and theories concerning physical and chemical behavior. Emphasis given to structure of atoms and molecules and the nature of chemical bonding.

CHE 211 GENERAL CHEMISTRY II (LECTURE) 3 CREDITS

COREQUISITE: CHE 213

Continuation of CHE 210.

CHE 212 GENERAL CHEMISTRY I (LABORATORY) 1 CREDIT

NOTE: THERE IS A \$50 LAB FEE FOR THIS COURSE.

Laboratory offered simultaneously with CHE 210.

CHE 213 GENERAL CHEMISTRY II (LABORATORY) 1 CREDIT

Laboratory offered simultaneously with CHE 211.

**CHE 216 ORGANIC CHEMISTRY I
(LECTURE AND LABORATORY)**

4 CREDITS

PREREQUISITE: CHE 210-213

Study of the chemical compounds of carbon from both theoretical and practical viewpoints.

**CHE 217 ORGANIC CHEMISTRY II
(LECTURE AND LABORATORY)**

4 CREDITS

Continuation of CHE 216.

CHE 310 (CAS 310) ENVIRONMENTAL CHEMISTRY

3 CREDITS

PREREQUISITE: CHE 210-213

A study of current environmental problems and practices related to chemistry and the chemical process industries. Biogeochemical cycling of elements in the context of air, water, food and land usage are discussed. Energy resources and the energy crisis are related to environmental restraint and pollution abatement policies.

CHE 316 BIOCHEMISTRY I (LECTURE)

3 CREDITS

PREREQUISITE: CHE 216-217 OR CONSENT OF INSTRUCTOR

An in-depth study of the biosynthesis and metabolism of carbohydrates, lipids, proteins and nucleic acids; enzymes; biological oxidation; vitamins; hormones; and other topics of interest.

CHE 317 BIOCHEMISTRY I LAB

1 CREDIT

COREQUISITE: CHE 316

This introductory biochemistry laboratory course is designed for students requiring a broad overview of modern biochemical methodologies and techniques. Subjects covered in the course include buffers, spectrophotometry, use of radioisotopes and isolation, purification and characterization of enzymes.

CHE 318 BIOCHEMISTRY II

3 CREDITS

PREREQUISITE: CHE 316

This second-semester biochemistry course is designed for students requiring a thorough understanding and greater appreciation of metabolic control mechanisms. This course will explore in depth subjects covered in CHE 316 and several new topics. Subjects include metabolic regulation and abnormalities, intracellular signaling, apoptosis, and the extracellular matrix. Three hours lecture.

CHE 319 BIOCHEMISTRY LABORATORY II

1 CREDIT

Continuation of CHE 317 Biochemistry Laboratory I. Designed for students requiring an overview of biochemical techniques. Subjects include instrumentation, food analyses, radioisotopes, lipids, and ligand-binding quantitations. Three hours laboratory.

**CHE 320 QUANTITATIVE CHEMICAL ANALYSIS
(LECTURE AND LABORATORY)**

4 CREDITS

PREREQUISITE: CHE 210-213

Detailed study of practical methods used in determination of the quantity of constituents present in samples of matter. Methods and instruments needed to measure composition. Includes several samples, carefully analyzed, to develop necessary laboratory skills and to promote the ability to solve problems. Gravimetric, volumetric, and instrumental methods are included.

CHE 322 PHYSICAL CHEMISTRY FOR THE LIFE SCIENCES 3 CREDITS

PREREQUISITE: CHE 210-213 OR CONSENT OF INSTRUCTOR

One-semester course designed to meet the needs of those interested in the life sciences. Thermodynamics, chemical equilibrium (including buffer systems) and chemical kinetics are studied in greater detail than in CHE 210 and CHE 211. Calculus techniques developed as needed early in the course.

CHE 323 PHYSICAL BIOCHEMISTRY 3 CREDITS

PREREQUISITE: CHE 210-213

Energetics and kinetics of metabolic reactions. Interactions of electromagnetic radiation and biological macromolecules. Formation and energetics of supramolecular structures. The basis of selected techniques of molecular biology. DNA melting and thermal transitions in polymers, thermodynamics, analysis of reactions, binding theory, cooperative interactions.

CHE 360 TOPICS IN CHEMISTRY 1-4 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

Variable credits and topics in chemistry as interest warrants. May be repeated for credit.

CHE 370 ORGANIC QUALITATIVE ANALYSIS 4 CREDITS

PREREQUISITE: CHE 216-217 OR CONSENT OF INSTRUCTOR

Laboratory course in the identification of unknown organic materials by classic wet methods and modern instrumental techniques. Designed to give exposure to a wide variety of organic lab methods. Three hours lecture per week with four lab hours.

CHE 380 TUTORIAL IN CHEMISTRY 1-4 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

Small group or individualized study of advanced topics in chemistry. May be repeated for credit.

CHE 410 PHYSICAL BIOCHEMISTRY TECHNIQUES 3 CREDITS

PREREQUISITE: CHE 323 OR CONSENT OF INSTRUCTOR

One-semester course that will examine biophysical methods used to characterize chemical reactions and macromolecules. The areas covered will include topics such as interactions of biological macromolecules, techniques for characterization of macromolecular folding, and techniques to characterize macromolecular size, shape and quaternary structure. Three hours lecture.

CHE 425 CHEMICAL INSTRUMENTATION WITH LAB 4 CREDITS

PREREQUISITE: CHE 216/217 OR CONSENT OF INSTRUCTOR

COREQUISITE: CHE 316

One-semester course that will examine theory and application of optical and electrical instruments to solve chemical and biochemical problems. The areas covered will include techniques and data analysis in spectroscopy, separations, electrochemistry, mass spectrometry, and surface analysis. Emphasis will be placed on theoretical and practical considerations of instrumental components, operation, data interpretation, and statistical analysis. The advantages as well as the practical limitations of each technique will be discussed, applied to the solution of problems in chemical and biochemical analysis.

CHE 480 INDEPENDENT STUDY IN CHEMISTRY**1-4 CREDITS**

PREREQUISITE: WRITTEN CONSENT OF INSTRUCTOR

CHE 490 INTERNSHIP: TEACHING CHEMISTRY**3 CREDITS**PREREQUISITES: CHE 210-213 WITH GRADE OF "B" OR BETTER AND
CONSENT OF INSTRUCTOR

Provides opportunity to gain experience in teaching laboratory and discussion section of general chemistry.

CHE 492 DIRECTED RESEARCH**1-6 CREDITS**

PREREQUISITE: WRITTEN CONSENT OF INSTRUCTOR

For students who wish to work under supervision of a chemistry faculty member on a current research project. Students should have had advanced chemistry courses and a "B" average in their courses.

COMPUTER SCIENCE

Chairperson: *Huan-Yu Tu*

Professors: *Jianhua Lin, C. Gary Rommel*

Associate Professors: *Joel Rosiene, Huan-Yu Tu, Kehan Gao*

Assistant Professors: *Sarah Tasneem*

Major: Computer Science (B.S.)

Goals

Computer science education at Eastern Connecticut State University emphasizes the fundamental principles of mathematics and the engineering sciences, and is broadened by substantial opportunities in the arts, the social sciences, the life sciences, and the humanities.

The pervasive character of modern computer science has precipitated many interactions between computer science and other disciplines. A good foundation in undergraduate computer science is increasingly viewed as an excellent preparation for careers in business, engineering, law, and medicine. Through the selection of electives, students may create specialized interdisciplinary tracks with computer science as the core of their study.

The computer science program encourages this experimentation by defining minors in the areas of management information science and mathematics. A commitment to this approach in computer science education is realized by the ability to double major at Eastern Connecticut State University in both Mathematics and Computer Science.

In summary, the goals of the computer science program are deeply rooted in the liberal arts education as well as a professional experience. The detailed objectives of the program reflect this overall concern.

Objectives

The objectives of the computer science program are as follows:

- 1) To develop liberally educated professionals in the area of computer science who are able to use good oral and written communication skills, write proposals, write reports, interact with other professionals, to manage and lead in group situations, to make presentations, to think creatively and analytically.
- 2) To develop students with skills in technical competence who are able to converse using the current terminology, integrate theory and practice, recognize the importance of abstractions, appreciate the value of good engineering design, and use an algorithmic approach to problem solving.
- 3) To prepare students for graduate study in computer science who are able to read, think, and write abstractly, and have a strong foundation, knowledge, and competency in all the core areas of the computer science discipline.

Degree Requirements

A major must satisfy Categories I, II and III noted below. A grade below 2.0 in any 300- or 400-level course in MAT or CSC is unacceptable toward the major.

I. All courses in this section are required:

CSC 210	Computer Science and Programming I	3
CSC 231	Computer Science and Programming II	3

CSC 251	Net-centric Computing	3
CSC 320	Computer Organization and Architecture	3
CSC 330	Data Structures	3
CSC 335	Design and Analysis of Computer Algorithms	3
CSC 340	Programming Languages and Translation	3
CSC 341	Database and Information Management	3
CSC 344	Operating Systems	3
CSC 445	Software Engineering and Professional Practice	3
CSC 450	Senior Seminar	3

Subtotal

33 Credits

II. Electives: Select a minimum of 12 computer science credits, not listed in section I, numbered 300 or above, internships are expected. Courses within each of the following categories offer a concentrated study of a subject area if desired.

Hardware Architecture

CSC 347	Embedded Micro-Controllers	3
CSC 355	Digital Logic Lecture	3
CSC 356	Digital Logic Laboratory (Optional)	1
CSC 365	Advanced Digital Logic	3
CSC 366	Advanced Digital Logic Laboratory (Optional)	1
CSC 420	Microprocessors	3

Net-Centric Computing

CSC 337	Computer Networks and Distributed Processing	4
CSC 338	LANs, MANs and Internetworking	4
CSC 339	Network Management and Administration	4
CSC 358	Parallel Processing	4
CSC 410	Client/Server Computing	3

Computational Science

CSC 350	Numerical Analysis	3
CSC 351	Signals and Systems	4
CSC 352	Digital Signal Processing	3
CSC 353	Introduction to Wavelet Theory and Applications	3
CSC 430	Computability and Automata	3
CSC 455	Computer System Performance Evaluation	3

Software Development

CSC 375	Artificial Intelligence	3
CSC 410	Client/Server Computing	3
CSC 456	Advanced Software Development	3
CSC 475	Intelligent Systems	3

Subtotal

12 credits

III. Related Fields

Computer science majors must take the following courses to complete the computer science requirements:

MAT 230	Discrete Structures	3
MAT 243	Calculus I with Technology	4
MAT 244	Calculus II with Technology	4

Subtotal **11 Credits**

Total 56 Credits

In addition to the core subject areas, the Computer Science program offers students a unique opportunity to focus on a specific concentration in hardware architecture, software development, net-centric computing, or computational science.

Recommended Course Sequence: Computer Science Major

Check all course descriptions for prerequisites before planning course schedule.

First Year

CSC 110**	Introduction to Computing/Problem Solving	3
CSC 210	Computer Science and Programming I	3
MAT 130 (LAC T1M)	Precalculus Mathematics	4
MAT 230	Discrete Structures	3
ENG 100 (LAC T1W)	College Writing	3 or 5
HPE 104 (LAC T1HW)		2
LAP 130 (LAC T1 Colloquium)		3-4
LAC Tier 1		9-12

Total **Total 30-31 credits**

Second Year

CSC 231	Computer Science and Programming II	3
CSC 243	Calculus I	4
CSC 251	Net-centric Computing	3
MAT 244	Calculus II	4
LAC	Tier I	6-9
LAC	Tier II	9-12
Elective		1-3

Total **30 credits**

Third Year

Third Year

CSC 320	Computer Organization and Architecture	3
CSC 330	Data Structures	3
CSC 335	Computer Algorithms	3
CSC 340	Programming Languages and Translation	3
CSC 300/400	Computer Science Electives	6
LAC	Tier II	3-6

Elective	6
Total	30 credits

Fourth Year

CSC 341	Database And Info Management	3
CSC 344	Operating Systems	3
CSC 445	Software Engin And Prof Pract	3
CSC 450 (LAC Tier III)	Senior Seminar	3
CSC 300/400	Computer Science Electives	6
Elective		9-12
Total		30 credits

Minor: Computer Engineering Sciences

Objectives

This minor is designed to provide students with the mathematical background and practical experience expected of computer engineering majors. The objectives of the computer engineering sciences minor are the following:

1. To give students a background in engineering to assist them in graduate engineering schools.
2. To assist students in pursuing careers in engineering.
3. To afford science and mathematics students an experience in engineering.

I. All courses in this section are required:

CSC 350	Numerical Analysis
CSC 351	Signals and Systems
CSC 355	Digital Logic Lecture
CSC 356	Digital Logic Lab

II. Select one Computer Science elective numbered 300 or above.

III. Complete the following mathematics courses:

MAT 310	Applied Linear Algebra
MAT 340	Calculus III

Minor: Computer Science

This minor is designed for students who anticipate that computer science will have a prominent role to play in their academic and professional career. The minor emphasizes fundamental programming skills and hands-on experience applying those skills to computer-related projects.

I. All courses in this section are required:

CSC 210	Computer Science and Programming I
CSC 231	Computer Science and Programming II

II. Select two additional CSC courses numbered 200-level or above (except CSC 200) or two additional courses in the discipline of computing that are approved by the computer science program chair.

Minor: Game Design

The computer gaming minor addresses the needs of students interested in simulation, human machine interaction and gaming. This is an interdisciplinary minor covering both the artistic and computational needs of the field. Students with such a minor may work with animation, game engines, mathematics, modeling, network design, and state-of-the-art hardware and software.

Although the College of Arts and Sciences houses the minor in game design, all undergraduate students from colleges across the University are eligible to complete the minor.

I. Required Courses:

ART 343 Introduction to 3D Animation
CSC 311 Video Games with Game Engines

II. Select additional nine credits from the following list:

ART 403 3D Imaging/Animation I
CSC 312 Computer Graphics
CSC 337 Computer Networks and Distributed Processing
CSC/MAT 350 Numerical Methods
MUS 372 Multimedia Composition
SOC 320 Video Games and Society

Any 300/400 level course by arrangement with coordinator

Minor: Management Information Systems (MIS)

The goal of the management information systems minor is to prepare students to contribute to an increase in productivity and the generation of new products, services and ventures, using state-of-the-art computer applications for better communication, problem diagnosis and decision making.

The objectives are:

1. Provide business majors with the particular computer skills and knowledge that have now become essential in administrative and managerial positions, even at the entry level.
2. Introduce other majors, especially those in computer science, to the management applications of computer systems.

I. The MIS minor requires a total of 15/18 credits as follows:

CSC 110 Introduction to Computing and Problem Solving or Equivalent Computing Experience

II. Two Business courses:

A. BUS/BIS 442 Information Technology Project Management

B. BIS 361 Business Information Systems and Web Technologies

† *This is a 15-credit minor for those attending Eastern with a background in computing.*

III. Any three of the following seven options:

A. BIS 370 Systems Analysis and Design

B. CSC 200 Management Systems

C. CSC 210 Computer Science and Programming I

D. CSC 231 Computer Science and Programming II

E. CSC 249 Visual Basic or CSC 259 Advanced Visual Basic

F. CSC 251 Net-centric Computing

G. Any 300/400-level computer science course except internships

Cooperative Education

The Department participates in the Eastern Cooperative Education Program (please see catalog description). Participating students have worked in full-time paid positions in companies such as Computer Science Corp., Aetna U.S. Healthcare, Travelers, IBM, and UTC. Participants gain experience in a work environment, apply their academic skills, earn a significant salary, and, upon graduation, enter the work force beyond an entry-level position.

Facilities

The Department's computing facilities are structured to support state-of-the-art undergraduate education in computer science. The program emphasizes the hands-on experience in its curriculum and most of the computer science courses are taught in one of the four computer labs. A dedicated computer lab, which supports multiple operating systems, is available exclusively for computer science majors for their exploration and research activities. An additional hardware laboratory provides the students all required tools and equipment to support introductory through advanced hardware development with Field Programmable Gate Arrays, Embedded Microprocessors and System On a Chip (SoC) devices. A unique 16-node Beowolf cluster offers students a special opportunity to study parallel processing. Through membership subscription, the department provides students with some of the latest platforms, servers, and developer tools in the market. The department's computing facilities support J2EE, Microsoft.NET, and open-source computing environments.

Undergraduate Research

Undergraduate research opportunities are available for highly motivated computer science students. Independent studies and directed research projects are available in conjunction with faculty research interests. Students and faculty jointly participate in a seminar series that also involves outside speakers. Outstanding student work may be presented at professional societies. The ACM student programming team has consistently scored high in regional competition with other universities.

Upsilon Pi Epsilon

Eastern has the Alpha Charter of the Upsilon Pi Epsilon Computer Science Honor Society in Connecticut. This particular honor society is nationwide. Students in this society are asked from time to time to tutor other students in computer science, to represent our University on computer science issues, and to present undergraduate papers at computer science conferences.

Courses of Instruction: Computer Science

CSC 100 COMPUTER CONCEPTS

3 CREDITS

NOTE: THIS COURSE IS NOT FOR STUDENTS WITH PRIOR EXPERIENCES IN COMPUTER SCIENCE. NOT INTENDED FOR MAJORS. THOSE DEMONSTRATING COMPUTER COMPETENCY MAY BE EXEMPTED.

This course introduces students to the fundamental concepts that underlie computers and information technology. The focus is on the understanding of ideas rather than computer skills. Topics include computer hardware, software, network and communications, the Internet, computers in our world, multimedia computing, computers and the society, and computer and information technology as a discipline. The goal is to provide students with the knowledge necessary to be fluent in computer and information technology.

CSC 110 INTRODUCTION TO COMPUTING AND PROBLEM SOLVING

3 CREDITS

PREREQUISITE: MAT 101 OR EQUIVALENT; NOT OPEN TO STUDENTS WHO HAVE PASSED CSC 210.

This course seeks to build a foundation in computer science through the study of such topics as computer design, computer programming, information processing, and algorithmic solutions to problems. It provides the basis for today's computer applications as well as the foundations for tomorrow's applications, and will serve as a basis for beginning computer science students and others seeking an introduction to computer science and how it is applied to problem solving.

CSC 200 MANAGEMENT SYSTEMS

3 CREDITS

PREREQUISITE: CSC 100, CSC 110 OR EQUIVALENT

A foundation course in business with the goal of bringing the student to a level of technology required for entrance into the business professions. Topics include integrated software packages, computer presentations, database management, and the use of information technology in a global environment.

CSC 210 COMPUTER SCIENCE AND PROGRAMMING I

3 CREDITS

PREREQUISITE: LAC TIER I MATHEMATICS

An introduction to the fundamental concepts of computer science and programming. Topics include data types, control structures, arrays, files, and an introduction to objects, as well as debugging techniques and the social implications of computing. The course also offers an introduction to the historical and social context of computing and an overview of computer science as a discipline.

CSC 215 INTRODUCTION TO WEB DEVELOPMENT

3 CREDITS

This course introduces students to the concepts and techniques of web development. Students will examine characteristics that make a web page unique and functionally effective. This course uses a hands-on approach that allows students to apply web development techniques to design their own web pages. Standard web development software products and markup languages will be discussed. Web site implementation and problem solving strategies will also be covered.

CSC 212 COMPUTER GAME DESIGN AND VISUALIZATION

3 CREDITS

PREREQUISITE: LAC TIER I MATHEMATICS

This course presents the introductory principles of design, application, and implication of computer game design and visualization systems. The course uses an integrated approach to

two-dimensional and three-dimensional graphics. The course gives some introductory principles in the design, use, and understanding of computer game and Visualization systems. The course uses contemporary computer game design and visualization APIs with high-level programming languages to illustrate examples in simple 2-D game design.

CSC 215 INTRODUCTION TO WEB DEVELOPMENT 3 CREDITS

PREREQUISITE: LAC TIER I MATHEMATICS

This course introduces students to the concepts and techniques of web development. Students will examine characteristics that make a web page unique and functionally effective. This course uses a hands-on approach that allows students to apply web development techniques to design their own web pages. Standard web development software products and markup languages will be discussed. Web site implementation and problem-solving strategies will also be covered.

CSC 220 VISUALIZING DATA, INFORMATION, AND IDEAS 3 CREDITS

PREREQUISITE: LAC TIER I MATHEMATICS

This course introduces students to the concepts, techniques, and application of visualizing data and information. Graphical visualization solutions can be applied to gain understanding and insights into data gathered from virtually any field, such as science, engineering, medicine, business, politics, or history. Visualization techniques can also be used to present and communicate ideas effectively. Through practical examples drawn from applications in a wide variety of disciplines, this course will demonstrate the creativity and power of visualization. The focus is on the critical-thinking skills in visual representation, not the technical details involved in image production.

CSC 231 COMPUTER SCIENCE AND PROGRAMMING II 3 CREDITS

PREREQUISITE: CSC 210

This course focuses on the concepts and fundamentals of the object-oriented programming methodology. It provides an introduction to the fundamentals of object-oriented design and the definition and use of classes. Other topics include an overview of programming language principles, human-computer interfaces, basic searching and sorting techniques, and an introduction to software engineering issues.

CSC 249 VISUAL BASIC 3 CREDITS

PREREQUISITE: CSC 110

This course introduces the student to the exciting world of Windows, Internet and WWW programming with the new Visual Studio and .NET platform. The students will also see Visual Basic as an event-driven, object-oriented computer language for distributed processing, as well as applications programming. There will be a dedicated computer laboratory available for student use every day of the session for the course. Student laboratory monitors and tutorial assistance will be available.

CSC 251 NET-CENTRIC COMPUTING 3 CREDITS

PREREQUISITES: CSC 210

An introduction to the structure, implementation, and theoretical underpinnings of computer networking and the applications that have been enabled by that technology. Topics include communication protocols, networking, client-server computing, web-based technologies, data compression, network management, wireless and mobile computing.

CSC 259 ADVANCED VISUAL BASIC**3 CREDITS**

PREREQUISITE: CSC 249

A course dealing with ActiveX controls, databases, Internet programming and object-oriented programming.

CSC 269 SPECIAL TOPICS IN COMPUTER LANGUAGES**3 CREDITS**

PREREQUISITE: CSC 210 OR EQUIVALENT

A course designed to give students an opportunity to study various computer application languages that evolve in the field.

CSC 305 DATA MINING AND APPLICATIONS**3 CREDITS**

PREREQUISITE: LAC TIER I MATHEMATICS

Data mining is the process of extraction of implicit, previously unknown and potentially useful Information from data. This course provides fundamentals of data mining and knowledge discovery including: knowledge representation, association analysis, clustering, predictive modeling, anomaly detection, visualization and so on. The emphasis will be laid on using techniques in different settings, including business, medicine, science and engineering, rather than developing new techniques or algorithms. Students will select, prepare, visualize, analyze, and present data that leads to the discovery of novel and actionable information.

CSC 311 VIDEO GAMES WITH GAME ENGINES**3 CREDITS**

PREREQUISITE: CSC 210

Examines computer programming of video game design and computer language concepts such as structured and object-oriented design, data structures, even-driven design and user interface design.

CSC 312 COMPUTER GRAPHICS**3 CREDITS**

PREREQUISITE: CSC 210 AND MAT 130 OR HIGHER

The course gives some introductory principles in the design, use, and understanding of computer graphics systems. The course uses an integrated approach to two-dimensional and three-dimensional graphics topics. The course uses contemporary computer graphics APIs with high level programming languages to illustrate examples in computer graphics. Finally, window system independent toolkits for interfacing cross all PC and workstation OS platforms.

CSC 320 COMPUTER ORGANIZATION AND ARCHITECTURE **3 CREDITS**

PREREQUISITE: CSC 210 AND MAT 230

This course in an introduction to the fundamental concepts of the structure and logical design of components of digital computers. Topics include assembly languages and instruction sets, data representation, basic digital logic, CPU design, pipelining, memory system, I/O interface, and multiprocessors.

CSC 325 INTRODUCTION TO THEORY OF COMPUTING**3 CREDITS**

PREREQUISITE: CSC 210 AND MAT 130

This course introduces students to the concepts of formal languages and automata theory, which form the foundations of theoretical computer science. The treatment is mathematical, but the point of view is that of Computer Science. By learning formal languages and automata theory you will better understand the relationship between the generation of languages by grammars and their acceptances by machines (computers).

CSC 330 DATA STRUCTURES**3 CREDITS**

PREREQUISITES: CSC 231 AND MAT 230

This course is an introduction to the fundamental concepts of data structures and algorithms. Topics include recursion, the underlying philosophy of object-oriented programming, fundamental data structures (including stacks, queues, linked lists, hash tables, trees and graphs), and the basics of algorithmic analysis.

CSC 335 DESIGN AND ANALYSIS OF COMPUTER ALGORITHMS**3 CREDITS**

PREREQUISITES: CSC 231, CSC 330 AND MAT 230

This course is an introduction to the design and analysis of computer algorithms. The emphasis is on general algorithm design techniques such as divide-and conquer, dynamic programming, the greedy method, and heuristic search. Also emphasized is the applications of these techniques in solving real problems that arise frequently in computer applications. The course will include the analysis of algorithms in terms of time and space complexities.

CSC 337 COMPUTER NETWORKS AND DISTRIBUTED PROCESSING**4 CREDITS**

PREREQUISITES: CSC 330

This course examines techniques for transmitting information over a variety of communication structures. The course investigates performance issues of networks both deterministically and stochastically. The course considers the consequence that the distributed character of all network problems has on their difficulty. The course considers the ways in which these issues are addressed by current networking protocols such as TCP/IP, Ethernet and Appletalk.

CSC 338 LANs, MANs AND INTERNETWORKING**4 CREDITS**

PREREQUISITE: CSC 330

Further investigation of the programming of computer networks and distributed systems.

CSC 339 NETWORK MANAGEMENT AND ADMINISTRATION **4 CREDITS**

PREREQUISITES: CSC 337 AND CSC 338

This course focuses on the problems, solutions and limitations associated with the configuration, management, administration, and maintenance of communications networks. This course considers a “hands-on” approach with several heavy practical applications. Important standards such as SNMP and CMIP are emphasized. Additional topics include: configuration management, security and accounting management.

CSC 340 PROGRAMMING LANGUAGES AND TRANSLATION **3 CREDITS**

PREREQUISITES: CSC 330

This course is an introduction to the design and implementation of programming languages and the basic concepts of language translation. Topics include syntax, semantics, parsers, binding, scopes, parameter passing, control structures, and run-time environments. Various programming paradigms will also be examined to illustrate these principles.

CSC 341 DATABASE AND INFORMATION MANAGEMENT **3 CREDITS**

PREREQUISITE: CSC 330

The task of organizing large volumes of information of potentially different kinds is a daunting one. Typically, resolution of the associated problems depends on the use of an underlying database technology, often involving networking. This course addresses the theoretical, technical and social issues involved, as well as the use of information for intelligent decision-making.

CSC 344 OPERATING SYSTEMS**3 CREDITS**

PREREQUISITE: CSC 330

This course is an introduction to the fundamental concepts, structure, and mechanisms of operating systems that provide the environment for computer applications and users. The primary focus will be the principles in the design of the basic components of an operating system including user interface, process management, process synchronization and communication, CPU scheduling, memory management, file management, device management, networks, and security. Operating systems such as Microsoft Windows, UNIX, and Linux will be examined.

CSC 347 EMBEDDED MICRO-CONTROLLERS**3 CREDITS**

PREREQUISITE: CSC 337

The purpose of this course is to cover the basic elements of embedded micro-controllers.

CSC 350 (MAT 350) NUMERICAL ANALYSIS**3 CREDITS**

PREREQUISITES: CSC 210 OR 231 AND MAT 244

Computer solution of problems of interpolation, approximation, numerical integration, polynomial and differential equations, and systems of linear equations.

CSC 351 SIGNALS AND SYSTEMS**4 CREDITS**

PREREQUISITES: CSC 350

The student will investigate the representations of signals for the computation by computer and the different descriptions and formalisms for digital systems. As applications of computers as embedded control systems continues to increase, it is necessary for the computer science student to have a background in the techniques used in the description and analysis of complicated analog, digital and hybrid systems.

CSC 352 DIGITAL SIGNAL PROCESSING**3 CREDITS**

PREREQUISITES: CSC 351

Students will continue their study of the application of computers for the processing of signals. The student will learn the techniques to describe, design and implement computer systems for the processing of signals, including one-dimensional (audio), and two-dimensional (images). Techniques covered include time and frequency techniques for signal representation and processing.

CSC 353 (MAT 353) INTRODUCTION TO WAVELET THEORY AND APPLICATIONS**3 CREDITS**

PREREQUISITES: CSC 110 OR CSC 210 AND MAT 244

An introduction course to the most recently developed wavelet theory and applications by using real world examples and computer assisted visualization. The primary audience is student with interests in engineering, applied mathematics and statistics.

CSC 355 DIGITAL LOGIC (LECTURE)**3 CREDITS**

PREREQUISITE: MAT 230

Basic digital logic including binary systems, Boolean algebra, logic gates, simplification techniques, combinational logic, MSI, LSI, sequential logic, registers, counters, memory, RTL, processor logic and logic families.

CSC 356 DIGITAL LOGIC (LABORATORY)**1 CREDIT**

Optional laboratory offered simultaneously with CSC 355.

CSC 358 PARALLEL PROCESSING**4 CREDITS**

PREREQUISITES: CSC 330, MAT 230

The course presents the fundamentals of parallel processing. Included in the course are the taxonomy, classification, and models of parallel processing. Architectures considered are SIMD and MIMD. Applications discussed are sorting, FFT, dictionary operations, matrix multiplication, numerical algorithms, graph algorithms, combinatorial search, and pipeline processing. Actual implementations are programmed on the department's multi-computer system.

CSC 360 TOPICS IN CSC**3 CREDITS**

PREREQUISITE: CONSENT OF INSTRUCTOR

The treatment of special topics in computer and information science.

CSC 365 ADVANCED DIGITAL LOGIC (LECTURE)**3 CREDITS**

PREREQUISITE: CSC 355

Students will continue their study of the theory and design of digital systems, focusing on the more advanced topics of design including: design techniques to minimize cost and/or power; verification techniques and test bench design; and design of SoC and mixed (analog and digital) technology. This course has an optional laboratory (see CSC 366).

CSC 366 ADVANCED DIGITAL LOGIC LABORATORY**1 CREDIT**

PREREQUISITE: CSC 356

An optional laboratory offered simultaneously with CSC 365. Students will use their knowledge of digital logic design obtained in CSC 355, CSC 356 and CSC 365 to realize digital systems using industry-standard hardware prototyping technologies (FPGA, CPLD, etc.).

CSC 375 ARTIFICIAL INTELLIGENCE**3 CREDITS**

PREREQUISITE: CSC 330

A study of the goals and methods of artificial intelligence, the area of computer science concerned with designing "apparently" intelligent computer systems. Covers basic problem-solving techniques, knowledge representation, and a brief overview of expert systems.

CSC 410 CLIENT/SERVER COMPUTING**3 CREDITS**

PREREQUISITE: CSC 330

This course is an introduction to client/server computing and programming. Topics include the two-tiered client/server model, multi-tiered client/server model, fat-client/server model, thin-client/server model, middleware, and distributed objects. Students are required to program in this course.

CSC 420 MICROPROCESSORS**3 CREDITS**

PREREQUISITE: CSC 355

The microprocessor as a basic control element. Included is interrupt control, DMA, real time programming. Covers topics of elementary interfacing to the microcomputer, such as serial, parallel, and synchronous I/O. Covers basic assembly language programming for I/O.

CSC 430/530 COMPUTABILITY AND AUTOMATA**3 CREDITS**

PREREQUISITES: CSC 210 OR CSC 231, CSC 330 and MAT 230

Introduction to theoretical computer science emphasizing computability (how to tell whether a problem is algorithmically solvable), formal languages, and automata. Topics chosen from

the concept of an algorithm, Turing machines, primitive recursive functions, Godel's theorem, Church's thesis, unsolvable problems, parsing, regular languages and finite automata.

CSC 445 SOFTWARE ENGINEERING AND PROFESSIONAL PRACTICE

3 CREDITS

PREREQUISITE: CSC 330

This course combines a range of topics integral to the design, implementation and testing of a medium-scale software system with the practical experience of implementing such a project as a member of a development team. In addition to material on software engineering, this course also includes material on professionalism and ethical responsibilities in software development and human-computer interaction.

CSC 450 SENIOR SEMINAR

3 CREDITS

PREREQUISITE: SENIOR STANDING

This is the writing course for the major. It includes project proposals, software proposals, technical writing, semester projects, high-level and new issues in computer science.

CSC 455/555 COMPUTER SYSTEM PERFORMANCE EVALUATION

3 CREDITS

PREREQUISITES: CSC 330 AND MAT 244

An introduction to the mathematical analysis of computer systems using Markov Processes, queuing theory, networks, I/O analysis, multiprocessors, simulation and approximation of models.

CSC 456 ADVANCED SOFTWARE DEVELOPMENT

3 CREDITS

PREREQUISITES: CSC 210, CSC 231, CSC 330 AND CSC 445

A senior level course in the implementation of Object-Oriented Analyses and Object-Oriented Designs. At least three programming projects with team work required.

CSC 461-469 SEMINARS IN SELECTED COMPUTER TOPICS **3 CREDITS**

PREREQUISITE: CONSENT OF THE INSTRUCTOR

CSC 461 Topics in Computer Education at the Primary Level: (Logo)

CSC 462 Topics in Computer Education at the Secondary Level

CSC 463 Topics in Computer Graphics

CSC 464 Structured Computer Language

CSC 465 Topics in Formal Language Theory

CSC 466 Topics in Distributed Databases

CSC 467 Topics in Applied Mathematics

CSC 468 Topics in Advanced Data Processing

CSC 469 Special Topics in Technology

CSC 475 INTELLIGENT SYSTEMS

3 CREDITS

PREREQUISITE: CSC 330

This course is intended to give a wide exposure to the history and the current state of the field of artificial intelligence with an emphasis on the area of knowledge-based systems. Students will be introduced to the different knowledge-based systems methodologies and familiarized with the relative strengths and weaknesses of these technologies. Students will also be exposed to the basic programming principles behind some of these techniques.

CSC 480 INDEPENDENT STUDY

3 CREDITS

PREREQUISITE: APPROVAL OF DEPARTMENT CHAIRPERSON AND DEAN

CSC 485 INTERNSHIP IN COLLEGE TEACHING

2 CREDITS

By invitation of the instructor only, can be taken more than once. Graded on a credit/no credit basis.

CSC 490 COMPUTER INTERNSHIP

6 CREDITS

CONSENT OF DEPARTMENT

On-the-job training. The student will work 16 to 20 hours per week for one semester or one summer in the computer section of some private industry.

CSC 491 COMPUTER INTERNSHIP

3 CREDITS

PREREQUISITE: THOROUGH KNOWLEDGE OF ONE PROGRAMMING LANGUAGE OR
CONSENT OF DEPARTMENT

On-the-job training. The student will work 8 to 10 hours per week for one semester or one summer in the computer section of some private industry.

ENGLISH LANGUAGE AND LITERATURE

Chairperson: *Kenneth McNeil*

Professors: *Rita Malenczyk, Raouf Mama, Marcia P. McGowan, Kenneth McNeil, Elena Tapia*

Associate Professors: *Miriam Chirico, Meredith Clermont-Ferrand, Susan DeRosa, Daniel Donaghy, Stephen Ferruci, Lisa Rowe Fraustino, Meredith James, Jian-Zhong Lin, Barbara Little Liu, Maureen McDonnell, Benjamin Pauley, Christopher Torockio*

Assistant Professors: *Meg Lota Brown, Reginald Flood, Lauren Rosenberg*

Major: English (B.A.)

Objectives

The major in English is designed to provide an understanding of the complexity and versatility of our language and literature and to cultivate skill in critical and creative thinking, writing, and research. The study of language and literature is practical because it engages us in the kind of critical-thinking and problem-solving analysis important in a variety of fields, from medicine to law, philosophy to commerce, diplomacy to applied technology, as well as to success in the creative arts. The courses fulfilling this requirement teach how to read situations, interpret details, evaluate competing points of view, and form insightful questions—in other words, to develop supple and lively habits of mind. People who understand language and literature comfortably acquire a generous skepticism which enables them to move beyond established solutions and predictable outcomes in all domains of human endeavor. Readings are selected for literature and language courses because they broaden our perspective on the world, human values, personal and community life, and require us to come to terms with uncertainties, value judgments, and emotions.

Admission to the Program

Prospective English majors apply to the department chairperson before beginning their junior year. Because of the variety of course offerings and the flexibility of the English curriculum, it is especially important that majors work out, with the help of a faculty advisor, a program of study suitable to their future plans.

Degree Requirements

The English Department works to help the individual majors follow personal interests. The minimum requirements for the major total 42 credits beyond the Liberal Arts Core Curriculum (LAC) (with a C or better for each course) and must include:

- Introduction to English Studies (ENG 202)
- Writing for English Majors (ENG 203)
- One historical survey course chosen from: ENG 212, ENG 213, ENG 214, ENG 215, ENG 356
- One course in literature by women writers chosen from: ENG 228, ENG 307, ENG 356, ENG 357
- One course in literature of race, culture, and power chosen from: ENG 255, ENG 256, ENG 258, ENG 259, ENG 344, ENG 345

- One course in early-period literature chosen from: ENG 307, ENG 316, ENG 317, ENG 323, ENG 335, ENG 336, ENG 337
- One course in middle-period literature from the 18th and/or 19th centuries chosen from: ENG 318, ENG 319, ENG 320, ENG 322, ENG 331, ENG 342
- One course in late-period literature from the 20th and/or 21st centuries chosen from: ENG 234, ENG 325, ENG 326, ENG 332, ENG 333, ENG 334, ENG 350, ENG 357
- One course in language studies chosen from: ENG 340, ENG 341, ENG 347, ENG 370, ENG 371, ENG 375, ENG 380
- Two three-credit sequential senior seminars: (ENG 461 - ENG 462)
(Guided research on a designated topic, resulting in a major scholarly essay)
- Three additional English elective courses
- Total course credits for the English Major must total at least 42 credits.
- Occasionally, Special Topics courses may meet the requirements of another category with consent of the department.
- A student must take at least four 300-level English courses
- When a course is listed in two or more categories, it can fulfill each of them. A student must then satisfy the total credits required for the major with English electives.

Only English courses receiving a grade of 2.0 (C) or above may be counted toward the major. Credits for ENG 100 College Writing cannot be used as part of the 42 credits required for the English major, nor can credit for ENG 241, Critical and Creative Thinking.

So that they will be exposed to different viewpoints and specialized knowledge in a number of fields, English majors are encouraged to take courses with as many members of the English department as scheduling permits. Those who intend to do graduate work should achieve a balance in the range and type of courses selected and maintain at least a “B” average in English.

Recommended courses outside the department include French and Spanish Literature; Eastern and Western history and philosophy; music and art; and women’s studies. Majors interested in taking advanced degrees in English should become proficient in a foreign language. Career opportunities for English majors include teaching, journalism, research, law, public service, media, and management. Students interested in obtaining certification to teach English in Connecticut’s elementary and secondary schools should begin to fulfill requirements for those programs during their sophomore year. Those interested in teaching on the college level should inquire about the department’s internship program.

English Major Exit Portfolio Requirement

The English Department requires each English major to turn in a writing portfolio to the department chairperson as a graduation requirement. This portfolio must consist of clean copies of the following six items:

- One paper from ENG 203, Writing for English Majors

- One paper from any survey course (ENG 212, 213, 214, 215, 356)
- Two papers of the student's choice from different 300-level English courses
- The final seminar paper completed at the end of ENG 461-462, Senior Seminar
- A reflective essay on the student's academic experience as an English major (guidelines are available online and in the Department office)

The department chairperson will report completion of the exit portfolio to the Registrar, who will enter ENG 075 on the student's transcript.

Suggested Course Sequence: English Major (B.A.)

Check all course descriptions for prerequisites before planning course schedule. 42 credits are required for the English major.

First Year

LAC	15 (an English course in Tier I)	
ENG 100	College Writing	3
MAT ***	Math course beyond Algebra II	3
ENG 202	Introduction to English Studies	3
Total		30 credits

Second Year

LAC		9-12
Foreign Language		0-6
ENG 203	Writing for English Majors	3
ENG 2**	ENG surveys:	3
Electives		3-12
Total		30 credits

Third Year

LAC		4-7
ENG 3**	Period Courses	3-6
or		
ENG 3**	Language studies	3-9
ENG 356/357	Women Writers	3
ENG 344/345	Literature of Race, Culture & Power	3
Electives		3-12
Total		30 credits

Fourth Year

LAC		3-6
ENG 3**	Period courses	3-6
ENG 3**/4**	English electives	3-6
ENG 461/462	Senior Seminar sequence	6
Electives		6-12
Total		30 credits

Minor: English

The English minor is designed to complement students' majors; to acquaint them with literary themes, genres, and periods; to introduce them to the study of language; and to help them become proficient writers.

The minor in English is a course of study planned with a department advisor and consists of 15 credits beyond the LAC and beyond the English writing requirement. Courses to be counted must receive a grade of 2.0 or higher. At least nine credits are to be earned in 300-level or above courses. ENG 241 does not count toward the English minor. Approval of a course of study for the minor program by the department chairperson is required.

Minor: Writing

The Minor in Writing complements a student's major with coursework that allows students to exercise their imaginations through disciplined work in the craft of writing. The goal is for students to develop and refine their individual skills, informed by a broad aesthetic and cultural background. The sequence aims to serve the novice writer as well as the more experienced student, with options for focusing on creative writing (fiction and poetry) as well as composition and rhetoric.

The minor will consist of an 18-credit sequence (see "Requirements" below). For English majors, nine of the 18 credits must be earned in addition to the 42 needed to fulfill the English major requirement. Thus, an English major with a minor in writing will be required to complete 51 total credits in English beyond the LAC.

Courses to be counted must receive a grade of 2.0 or higher. Approval of a course of study for the minor program by the department chairperson is required.

Requirements: 18 Credits Total

Requirements: 6 credits

ENG 200	Reading and Writing Argument
ENG 205	Introduction to Creative Writing

Twelve (12) Credits from the following:

ENG 300	Professional Writing
ENG 301	Writing Fiction
ENG 302	Writing Poetry
ENG 308	Playwriting
ENG 309	Writing for Children and Young Adults
ENG 353	Storytelling

ENG 365	Special Topics in Creative Writing
ENG 365	Special Topics in Rhetoric & Composition
ENG 370	Composition Theory & Pedagogy
ENG 371	Rhetorical Theory & Criticism
ENG 380	Creative Nonfiction
ENG 381	Advanced Fiction Workshop
ENG 382	Advanced Poetry Workshop
ENG 383	Literary Publishing
ENG 480	Independent Study in Creative Writing or Rhetoric & Composition
ENG 493	Internship in College Writing
ENG 495	Internship in Writing or Editing

Secondary Certification Requirements

Students seeking to teach English on the secondary level must include as part of their major ENG 203, ENG 329, ENG 340, ENG 341, and ENG 370, required of all majors, fulfills the state requirement for a course in advanced writing. Note: ENG 240 does not meet the requirement for an advanced course in the grammar and history of English.

English Honors

Students who are enrolled in Writing for English Majors (ENG 203) and possess an aptitude for writing, an intellectual curiosity, the motivation to work independently, and a minimum grade point average of 3.25 in the English major and a minimum 3.0 overall GPA will be identified by their professors as potential English Honors students. Those wishing to be involved in the program must write a letter of intent and obtain two letters of recommendation from English faculty. Advisors and other faculty members will recommend that these students take the seminar during their junior year. It is also recommended that English Honors students take ENG 370, Composition Theory and Pedagogy.

English Honors students will normally take their senior seminar (ENG 461 and ENG 462) in their junior year. Following completion of the seminar, under the direction of a faculty advisor, English Honors students will enroll in ENG 485 and write an honors thesis in which they either expand their seminar paper or write about a special topic. An important final component of the process is a presentation in which the student will be expected to discuss his or her research with an English class or with the thesis committee. English Honors students follow an established schedule, which is available from the English Department.

An English Honors student who has been accepted into the University Honors Program and who writes an acceptable English thesis for that program may use the same thesis to meet the requirement for English Honors. However, he or she must then present that paper to an English class or an English Honors committee. Membership in the English honor society, Sigma Tau Delta, will be awarded to any student who is accepted into the English Honors program, no expense to the student. Around March 15, the English Department notifies the Registrar of all students graduating with English Honors (pending completion of thesis).

Sigma Tau Delta - The English Honor Society

Every year, the English department recognizes majors who have distinguished themselves through academic achievement by inviting them to join Sigma Tau Delta, the international honor society for English. Information regarding qualifications can be found on the English department web page.

Courses of Instruction: English Language and Literature

ENG 100 COLLEGE WRITING

3 CREDITS

PREREQUISITE: PLACEMENT BY THE ENGLISH DEPARTMENT

In this course, students learn to write expository essays—to focus, organize, develop, and revise a paper; to use evidence to support their judgments; to write for readers; to think critically about what they read, see and hear; to observe the conventions of standard written English. The course also includes instruction in research, documentation of sources, and use of library materials.

ENG 100P COLLEGE WRITING PLUS

5 CREDITS

PREREQUISITE: PLACEMENT BY THE ENGLISH DEPARTMENT

This course is intended for students who can benefit from additional support as they begin writing for college. Students work on the same kind of writing skills and assignments as in English 100, College Writing (see English 100 course description above). The two-hour lab offers supplemental practice and individualized instruction.

ENG 125 INTRODUCTION TO LITERATURE

3 CREDITS

An introduction to the major literary genres: fiction, poetry, and drama.

ENG 200 READING AND WRITING ARGUMENT

3 CREDITS

PREREQUISITE: ENG 100 OR PLACEMENT BY THE ENGLISH DEPARTMENT

NOTE: ALL WRITING COURSES ABOVE THE 100 LEVEL MEET THE STATE REQUIREMENTS FOR CERTIFICATION IN SECONDARY TEACHING OF ENGLISH.

An advanced composition course in which students develop strategies for analyzing and writing arguments. Students will learn to produce different genres of argument for different audiences and to use research to advance and support an argument.

ENG 202 INTRODUCTION TO ENGLISH STUDIES

3 CREDITS

PREREQUISITES: ENGLISH MAJORS ONLY; NON-MAJORS WITH PERMISSION OF INSTRUCTOR

This course will introduce beginning English majors to the different disciplines – literature, composition/rhetoric, linguistics, creative writing—that comprise the field of “English” and to the major issues, debates, and controversies that drive English study in the 21st century.

ENG 203 WRITING FOR ENGLISH MAJORS

3 CREDITS

NOTE: ENROLLMENT LIMITED TO 15 STUDENTS.

A course in critical writing about literature. This course is limited to and required of all English majors and fulfills the University Writing Competency requirement if passed with a B or better. It should be taken as soon as possible, preferably in the sophomore year; it is strongly recommended that students complete this course before taking any 300-level English courses. Completion of ENG 203 with a C or higher is a prerequisite for ENG 461/462, Senior Seminar.

ENG 205 INTRODUCTION TO CREATIVE WRITING

3 CREDITS

A rigorous, nurturing introductory poetry and fiction workshop. Though students will read and discuss many masterful poems and short stories, the emphasis, ultimately, is on generating and revising student work.

- ENG 210 LITERATURE OF WESTERN SOCIETY TO 1400** **3 CREDITS**
Major writings that have established the traditions of Western literature and thought. Studies may include Homer, the Bible, Sappho, Aeschylus, Sophocles, Thucydides, Plato, Aristotle, Catullus, Virgil, Ovid, Dante.
- ENG 211 LITERATURE OF WESTERN SOCIETY FROM 1400** **3 CREDITS**
Western literature from the beginning of the Renaissance to the 20th century. Erasmus, Machiavelli, Rabelais, Cervantes, Moliere, Voltaire, Goethe, Dostoyevsky, Ibsen, Baudelaire, and Kafka may be included.
- ENG 212 AMERICAN LITERATURE TO 1865** **3 CREDITS**
From Colonial times to the Civil War. Usually represented are Bradstreet, Paine, Jefferson, Irving, Cooper, Hawthorne, Poe, Melville.
- ENG 213 AMERICAN LITERATURE FROM 1865** **3 CREDITS**
From 1865 to the present. Major writers often included are Whitman, Dickinson, Clemens, James, Adams, Chopin, Dreiser, Frost, Cummings, Ellison.
- ENG 214 ENGLISH LITERATURE TO 1798** **3 CREDITS**
From the earliest books written in the English language through 1798. May include Chaucer, Sidney, Spenser, Shakespeare, Donne, Behn, Jonson, Milton, Swift, Pope, Johnson.
- ENG 215 ENGLISH LITERATURE FROM 1798** **3 CREDITS**
From the Romantic Period to the present. May include Blake, Wordsworth, Coleridge, Byron, P. B. Shelley, Keats, Mary Shelley, Tennyson, Browning, Dickens, the Rossettis, the Brontes, Hardy, George Eliot, T. S. Eliot, Woolf, Auden, Lessing.
- ENG 225 FICTION** **3 CREDITS**
Various types of fiction, including tales, short stories, novellas, and novels, and such elements as theme, action, character, point of view, and style will be considered.
- ENG 226 DRAMA** **3 CREDITS**
Study of various kinds of drama and their historical periods. Major plays by dramatists of the classical and modern ages will be considered.
- ENG 227 POETRY** **3 CREDITS**
Emphasis on understanding poetry through practice in close critical reading and exploring the social and cultural work poems perform, such as nurturing sensibility, enriching perceptions, strengthening vocabulary, expanding imagination and creativity, and altering one's perspective with regard to the realities of others across time and across cultures.
- ENG 228 (WST 228) POETRY OF WOMEN** **3 CREDITS**
Explores the work of several 19th- and 20th- century women poets. Poetry is approached through an examination of a women's tradition of literary influence and through observing how women re-structure social relations and ethical beliefs through the invention of new symbolic orders, new mythologies, and new narratives that empower the lives of women and men.
- ENG 230 READING AND WRITING ELECTRONIC LITERATURE** **3 CREDITS**
This course introduces students to electronic literature. Students will gain practice in critical approaches to the analysis of such literature as well as the skills and resources used to produce literary texts for electronic environments.

ENG 234 CONTEMPORARY FICTION**3 CREDITS**

Studies in contemporary novels and short stories.

ENG 235 LITERATURE OF THE BIBLE**3 CREDITS**

Emphasis on artistic and human values. Readings from the Bible include memorable stories, significant incidents, vivid characters and representations of a variety of literary genres. The course primarily deals with the Bible as a literary text, reflecting the consensus of modern scholarship, rather than views based on theology, dogma or religious belief.

ENG 239 THE MEDIEVAL WORLD THROUGH FILM**3 CREDITS**

In this course we will view a number of films whose themes, subjects and settings are “medieval” and ask how “accurate” are the representations of the Middle Ages in film and television when compared with manuscript illustrations and medieval texts describing daily life. We will also consider which elements have been added to a movie set in the Middle Ages to attract a modern audience.

ENG 241 CRITICAL AND CREATIVE THINKING**3 CREDITS**

PREREQUISITE: FRESHMAN OR SOPHOMORE STATUS ONLY

This course invites students to examine their own ways of knowing by studying the effects of culture, gender, and bias on clear thinking. Students will experiment with different methods of investigation and analysis with a strong emphasis on reading and writing as a means of improving thinking. ENG 241 does not count toward the English major or minor. Freshman or sophomore status only.

ENG 242 LITERATURE AND SOCIAL ISSUES**3 CREDITS**

Literature as engaged with social issues and problems. Readings will focus on the stance of literature in relation to political, social, and economic realities. Topics will vary. Examples of past topics include but are not limited to: apartheid in South Africa, the Civil Rights movement in the United States, the nature and function of professional sports in the United States, the family farm in 20th- century America, life and politics in contemporary Central America, changing sex roles, the Vietnam War.

ENG 250 WORLD MYTHOLOGIES**3 CREDITS**

This introduction to world mythologies provides an overview of the mythic motifs which have been and continue to be an important part of every known culture. Readings will examine the “classical” myths of ancient Greece and Rome, as well as those of African, Irish, Indian, Judeo-Christian, Muslim, Hindu, and Native American origin.

ENG 251 (AMS 251, HIS 251) INTRODUCTION TO AMERICAN SOCIETY**3 CREDITS**

An interdisciplinary study of one significant aspect of the American experience, such as the role of the frontier, of the city, of religion, or of business enterprise.

ENG 255 INTRODUCTION TO AFRICAN AMERICAN LITERATURE & CULTURE**3 CREDITS**

A study of literature by writers of African heritage in the Americas. Writers include Equiano, Wheatley, Douglas, Harper, Chestnutt, DuBois, Hughes, Petry, Baldwin, Walcott, Baraka, and Dove.

ENG 256 NATIVE AMERICAN LITERATURE**3 CREDITS**

Study of American Indian literature from early forms such as songs, orations, and traditional narratives, including trickster-tale cycles, to more recent genres of autobiography, essays, poetry, and fiction.

ENG 258 ASIAN-AMERICAN LITERATURE**3 CREDITS**

An examination of the literature of Asian Americans as an expression and experience of their efforts to formulate and/or maintain their identity. Writers vary but may include the Gold Mountain poets, Maxine Hong Kingston, Toshio Mori, John Okada, and Amy Tan.

ENG 259 CHICANO/CHICANA LITERATURE AND CULTURE **3 CREDITS**

Students will discover the literature of a dynamic and influential population spread throughout the United States and consider the complexities that surround all issues of “identity politics.” Topics include, among others, the struggle for political and individual autonomy, bilingualism, the border as an imagined space and as cultural metaphor, and the impact of Chicano literature on the broader spectrum of American culture.

ENG 260 (WST 260) INTRODUCTION TO WOMEN’S STUDIES **3 CREDITS**

NOTE: RECOMMENDED FOR THOSE WISHING TO TAKE ADVANCED WOMEN-RELATED COURSES. REQUIRED OF ALL WOMEN’S STUDIES MINORS.

Provides necessary contextual background for the study of women and literature as well as the study of the cultural history of women.

ENG 266 (WST 266) MINI-LIT**1 CREDIT**

A five-week course. Students may take from one to three courses each semester and repeat the course with different topics. Credit applicable to Women’s Studies minor when the topic is appropriate.

ENG 275 TUTORING WRITING**1 CREDIT**

This course will prepare students to act as writing tutors in first-year writing courses or in a writing center. A basic grounding in writing center theory and practice will be presented. Students will have ample opportunities to experience common tutoring situations and problems through role-play, observation, and mock tutorials.

All students taking courses in languages and literature on the 300 and 400 levels must have completed ENG 100 and a 100- or 200-level literature course.

ENG 300 PROFESSIONAL WRITING**3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

This course is designed to provide students with some exposure to the diverse field of professional writing. Because basic writing skills are important to any writing, students will be working at improving skills. Students will practice using a reference manual when editing their own work and take part in group activities.

ENG 301 WRITING FICTION**3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Note: Enrollment limited to 15 students.

A course in fiction writing at the introductory level.

ENG 302 WRITING POETRY**3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Guided by close readings of contemporary models, participants will write poems and present them for group critique. This course includes instruction on the nuts and bolts of writing poetry and the growth of aesthetic judgment. Basic techniques include linked and evolving images, metaphors and other figures of speech, fixed and open forms, line breaks, rhythms, rhymes and various means of capturing a human voice in dramatic and imaginative writing. Focus is on the interplay of figural and literal language and on the union of content and form. No prior experience writing poems is assumed; however, this is a demanding course, not for dilettantes or dabblers. Students are graded on a polished portfolio of finished work.

ENG 307 (WST 307) MEDIEVAL WOMAN MYSTICS**3 CREDITS**

PREREQUISITES: ENG 100 and a 100- or 200- LEVEL LITERATURE COURSE

The course is an introduction to the study of the mystical tradition through the examination of the lives and writings of selected women mystics. The writings of these women will provide us with a bold and vivacious answer to the classical and medieval antifeminist traditions which depict woman as the bane of Adam, the root of all evil, the source of temptation, or, at the opposite pole, as idealized and virginal objects of worship.

ENG 308 (THE 308) PLAYWRITING**3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Students will invent, develop, and explore their scripts in progress in a workshop format and one-on-one with the instructor. The workshop format involves readings and critiques designed to enable the students to strengthen the storyline, dramatic structure, character development, dialogue and premise through revision and transformation. The culmination of the course involves a public reading and submission of polished work to the appropriate media outlet.

ENG 309 WRITING FOR CHILDREN AND YOUNG ADULTS**3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

This course takes a workshop approach and covers the process of writing for children and young adults, from birthing new ideas through exercises, to developing concepts into age-appropriate literary forms, to writing, critiquing, and revising from editorial suggestions. Students will also learn how the children's publishing business operates.

ENG 316 MEDIEVAL BRITISH LITERATURE**3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

This course will cover—in the original language—medieval English lyrics, legends, romance, drama, allegorical verse, fabliaux, and chronicles. Students will gain a basic acquaintance with some of the fundamental concerns connected with Middle English literature; learn to pronounce and understand Middle English with a reasonable degree of accuracy and ease; and examine selected readings as works of literature.

ENG 317 RENAISSANCE LITERATURE**3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

In the 16th and early 17th century, writers saw themselves as participating in a time of artistic rebirth. This course will offer an in-depth study of the poetry, prose, and drama from the age

of Shakespeare. Reading Renaissance literature within a social and historical context, students may learn about various topics such as exploration and discovery, translation, religious turmoil, nationalism, and the rise of the author. Writers may include Shakespeare, Spenser, Queen Elizabeth, Skelton, Jonson, Philip and Mary Sidney, Aemilia Lanyer, Marlowe, Webster.

ENG 318 RESTORATION LITERATURE

3 CREDITS

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

The literary age in England from 1660 to 1700. The restoration of Charles II to the throne following the execution of his father and the failure of the English Commonwealth had a profound impact on the literature of the day, from the reopening of the theaters, to the elevation of scientific learning, to the development of the novel. Authors may include John Dryden, Aphra Behn, John Wilmot, William Wycherly, and others.

ENG 319 AGE OF SENSIBILITY

3 CREDITS

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Literature of the times of Samuel Johnson (1709-1784) in England. Sentimentality, reason, and terror as paths to the new individualism.

ENG 320 VICTORIAN LITERATURE AND CULTURE

3 CREDITS

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Topics may include Victorian notions of work and class, industrialization and its discontents, the sentimental child, colonialism and representations of colonial people, the relevance of faith, changing gender roles, the impact of science and technology, the idea of progress, and sexuality and love. Writers may include Arnold, Braddon the Brontés, the Brownings, Collins, Conan Doyle, Dickens, Eliot, Gaskell, Hardy, Kipling, the Rossettis, Stevenson, Tennyson, Thackeray, and Wilde.

ENG 322 BRITISH LITERATURE AND CULTURE OF THE ROMANTIC PERIOD

3 CREDITS

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Literature and culture of Britain in the period covering roughly the 1770s to 1830s. Topics may include Romantic aesthetic theory, the role of the poet in society, the intersection of politics and art, early colonialism and theories of the primitive, the Gothic, nature and landscape, and the growing fascination with the nature of human subjectivity and the creative spirit. Writers may include Blake, Burke, Burns, Byron, Coleridge, DeQuincy, Edgeworth, Godwin, Keats, Prince, Radcliffe, Mary Shelley, Percy Bysshe Shelly, Scott, Wollstonecraft, William Wordsworth, and Dorothy Wordsworth.

ENG 323 17th -CENTURY ENGLISH POETRY

3 CREDITS

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Challenges to God, Man, and Mistress. Donne, Milton, Jonson, Herbert, Herrick, Marvel.

ENG 324 (WLC 324, WST 324) LITERATURE BY WOMEN AUTHORS OF LATIN AMERICA

3 CREDITS

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Course will emphasize theme, style, and society in the works of fiction written by Latin American women.

ENG 325 MODERN DRAMA**3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

From its beginning in Ibsen's realism to the advent of the absurdist play. Includes drama of Europe, England, and America.

ENG 326 CONTEMPORARY DRAMA**3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Selected plays of America and Europe from 1950 to the present.

ENG 328 CHILDREN'S LITERATURE**3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Note: Meets the state requirements for elementary school certification.

A study of literature for young readers and listeners. Covers a variety of genres and styles, and calls for close reading and analysis.

ENG 329 ADOLESCENT LITERATURE**3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Note: Meets the state requirements for secondary English certification.

A study of literature for adolescent readers. Aims to acquaint the student with both popular and enduring works, and provides close critical reading of both.

ENG 331 EARLY 18th-CENTURY LITERATURE AND CULTURE **3 CREDITS**

This course examines British literature and culture of the period between 1700 and roughly 1740. Sometimes called the "Augustan Age" of English literature, this period is often best remembered for the flourishing of a body of meticulously ordered formal verse built on a model of Greek and Roman antiquity. But the age was neither so orderly nor so placid as historical caricatures have sometimes suggested: it also witnessed ruthless political factionalism, vicious exchanges of savagely witty satire, and the emergence of popular but "impolite" forms of literature, including novels. Readings include poetry, fiction, drama, and non-fiction prose by authors such as Pope, Swift, Montagu, Addison and Steele, Haywood and Defoe.

ENG 332 MODERN BRITISH AND AMERICAN POETRY**3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Major American and British poetry written during the Modernist period (1890-1945). Students study each poet's views on the theory and practice of his or her art; the literary traditions and political climate from which Modernist works arose; and the contributions of Modernist to poetry written since the end of World War II. Poets include Robinson, Hardy, Frost, Eliot, Pound, Yeats, Stevens, Hughes, Lawrence, Crane, Auden, Cummings, Sandberg, Millay, and Thomas.

ENG 333 THE MODERN NOVEL**3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

The development of the modern novel, including such figures as Joyce, Woolf, Mann, Lawrence, Hemingway, Faulkner, Toomer, Lessing, Oates.

ENG 334 POST-MODERN AND CONTEMPORARY POETRY **3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

American and British poetry written since World War II and the different schools of

thinking that collectively make up what is referred to as Post-Modern Poetry (Beat Generation, San Francisco Renaissance, Movement Poets in Great Britain, Black Mountain, Deep Image, New York School, Confessional, Contemporary African-American Poetry, Vietnam War and Protest poetry, etc.). The second half of the semester is devoted to exploring poems written since 1980 by a wide variety of poets speaking for diverse communities (feminist, neoformalist, performance, Native American, Latino American, African American and Asian American, American Plain Style, etc.).

ENG 335 SHAKESPEARE'S COMEDIES **3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Major comedies and romances.

ENG 336 SHAKESPEARE'S TRAGEDIES **3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Major tragedies and histories.

ENG 337 CHAUCER **3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

The works of Geoffrey Chaucer with emphasis on "The Canterbury Tales."

ENG 339 SHAKESPEARE AND FILM **3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Shakespeare films have recently taken on vastly different looks and meaning from their classical Hollywood predecessors. It will be the objective of this class to analyze various filmed representations – not just the most recent – of Shakespeare's plays including but not limited to: Macbeth, Richard III, Henry V, and Hamlet.

ENG 340 HISTORY AND DEVELOPMENT OF THE ENGLISH LANGUAGE **3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Note: Meets the state requirements for secondary school teachers of English. See also ENG 341.

Historical and linguistic background helpful for an understanding of the English language today. An examination of readings and linguistic problems which illustrate the development of the language from Anglo-Saxon times to the present.

ENG 341 MODERN AMERICAN GRAMMAR **3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Note: Meets the state requirements for secondary school teachers of English. See also ENG 340.

A study of words, sounds, structures. Traditional and linguistic approaches to grammar and stylistics.

ENG 342 (NES 342) LITERATURE OF NEW ENGLAND **3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Writers reflecting the distinctive culture and ambience of New England, possibly including Thoreau, Hawthorne, Dickenson, Stowe, Frost, Jewett, Freeman.

ENG 344 LITERATURE OF AFRICA **3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

An immersion in the culture of Africa through exposure to the works of its major writers.

ENG 345 AMERICAN ETHNIC MINORITY LITERATURE **3 CREDITS**
PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE
Examines the experience of ethnic minority groups in the United States as reflected in their literature.

ENG 346 THE STUDY OF LANGUAGE **3 CREDITS**
This is a course about how individuals and groups use language as they interact in society. Topics of study may include social and regional dialects, ethnic differences in communicative style, power and language, gender and language, solidarity and politeness, pidgins and creoles, and code switching. Students will be introduced to the ways (quantitative and ethnographic) in which sociolinguists collect data and reach conclusions about how language is used in society.

ENG 347 AFRICAN-AMERICAN ENGLISH & VERBAL TRADITIONS **3 CREDITS**
PREREQUISITES: ENGS 100 AND A 100- OR 200-LEVEL LITERATURE COURSE
Study of present-day characteristics of varieties of African-American English (AAE), to include phonology, syntax, and lexicon. Sociolinguistic examination of African-American verbal traditions such as signifying, sounding, and boasting as speech events and verbal routines. Consideration of educational issues relating to AAE.

ENG 351 (WST 351) FEMINIST THEORIES **3 CREDITS**
PREREQUISITES: ENG 100 AND A 100- OR 200- LEVEL LITERATURE OR WOMEN'S STUDIES COURSE
This course introduces feminist theories and practices. Feminist theories draw attention to the ways in which all our lives are shaped and interlinked by a range of social, economic, and political structures. Although gender plays a key component in these structures, we also pay attention to different forms that colonial, gender, racial, sexual, and class hierarchies take.

ENG 353 STORYTELLING **3 CREDITS**
PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE
The basic nature of storytelling, the motives and strategies for telling stories, conventions common to both oral and literary narratives.

ENG 355 MODERN EUROPEAN LITERATURE **3 CREDITS**
PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE
Masterpieces of the 20th century. The works of Kafka, Mann, and others. Emphasis on ideologies and form.

ENG 356 (WST 356) WOMEN WRITERS TO 1900 **3 CREDITS**
PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE
Addresses literature, predominantly fiction, that spans several countries and several centuries. Attempts to discover the nature of the female imagination through a consideration of such writers as Behn, Burney, Austen, the Brontes, Sand, G. Eliot, Chopin, Freeman, Jewett and others.

ENG 357 (WST 357) 20th CENTURY WOMEN WRITERS 3 CREDITS

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Addresses the works of such modern women writers as Woolf, Wharton, Cather, Lessing, Morrison, A. Walker, Atwood, Silko, Hong Kingston, and others.

ENG 358 LITERARY CRITICISM 3 CREDITS

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Major documents of critical theory from Plato to the present.

ENG 365 TOPICS IN LITERATURE/LANGUAGE/WRITING 3 CREDITS

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

These courses are pilots for new courses being developed. They may fulfill specific requirements for the English major. Check with the department chairperson.

ENG 370 COMPOSITION THEORY AND PEDAGOGY 3 CREDITS

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Participants in the course will explore recent developments in the field of composition. Issues such as writing process, writing-to-learn, voice, audience, rhetorical strategies, and error will be addressed.

ENG 371 RHETORICAL THEORY AND CRITICISM 3 CREDITS

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

This course provides an overview of rhetorical theory and practice and engages students in critical (rhetorical) analysis of literary and cultural works. Participants in the class will explore the role of rhetoric in the construction of arguments, the communication of ideas, and the creation of knowledge.

ENG 375 (WLC 375) LANGUAGE ACQUISITION IN YOUNG CHILDREN 3 CREDITS

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Study of the development of first and second language (L1 and L2) in young children (birth through puberty). Includes infants' abilities at birth, pre-linguistic development, the first words, and phonological, syntactic and semantic development. Study of the major issues in L1 and L2 acquisition theory, such as the critical period hypothesis. Comparison of various theoretical models of acquisition for L1 and L2. Consideration of social and cultural factors affecting language acquisition.

ENG 380 CREATIVE NONFICTION: WRITING THE PRIVATE AND PUBLIC "I" 3 CREDITS

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Participants explore several creative nonfiction genres: memoirs, nature writing, travelogues, cultural criticism, personal essay, and literary journalism. Readings include contemporary creative nonfiction works and related rhetorical theories. Writing consists of student-produced creative nonfiction, analytical writing on nonfiction prose and theory, and peer commentary on students' writing from course-writing workshops.

ENG 381 ADVANCED FICTION WORKSHOP**3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE AND ENG 301 OR PERMISSION OF INSTRUCTOR

A workshop for serious student fiction writers who have completed at least one course in fiction writing at the introductory level and who are comfortable writing full-length stories. In addition to writing their own stories, students should expect to focus on becoming better critics both of their own work and that of their peers.

ENG 382 ADVANCED POETRY WORKSHOP**3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE AND END 302 OR PERMISSION OF INSTRUCTOR

A workshop for serious student poets who have completed at least one course in the writing of poetry at the introductory level and who are comfortable writing full-length poems of varying structures. In addition to writing their own poems, students should expect to focus on becoming better critics both of their own work and that of their peers.

ENG 383 LITERARY PUBLISHING**3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

This course presents an overview of the literary publishing process. In workshops that simulate today's various types of magazines and book publishing houses, students will learn to read as editors and evaluate manuscripts, copy edit, proofread, and write copy for jackets, catalogs, and ads. Related areas to be covered include publishing history, negotiating with authors, agents, sub-rights, marketing, publicity, and distribution.

ENG 420 (AMS 420, HIS 420) SEMINAR IN AMERICAN CIVILIZATION**3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

An advanced study assuming general familiarity with American history and literature and requiring interdisciplinary research. Does not meet the English major seminar requirement.

ENG 461/462 SENIOR SEMINAR**3 CREDITS**

The two-semester senior seminar is a capstone experience which aims to help students to manage their own intellectual lives, to take part in informed conversation and move it forward, to develop a capacity to grasp the ideas of others and to treat them with skepticism, and to refine and deepen research and writing skills. Topics will vary but may include concentration on specific authors, periods, genres, themes, techniques of literature, or on linguistic study or interdisciplinary concerns. Both seminars are required of English majors and must be taken in sequence.

ENG 461 SEMINAR I**3 CREDITS**

PREREQUISITES: ENG 203, SENIOR STATUS

In the first-semester, students will acquaint themselves with primary and secondary sources, engage in collaborative exchange appropriate to the seminar topic, develop a bibliography, and write a prospectus for the seminar paper.

ENG 462 SEMINAR II**3 CREDITS**

PREREQUISITE: ENG 461 WITH A GRADE OF C OR HIGHER

In the second semester, students will continue to engage in collaborative discourse, will report on the progress of their research, and will write and deliver their papers.

ENG 480 INDEPENDENT STUDY**1-6 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Research and writing in an appropriate topic with a member of the department. Project plan and written permission required.

ENG 485 ENGLISH HONORS THESIS**3-6 CREDITS**

PREREQUISITES: SEMINARS AND ADMISSION TO THE HONORS PROGRAM

Honor students will research, write and present a thesis in which they either expand their seminar paper or write about a special topic. Project and written permission required.

ENG 487 ADVANCED ACADEMIC WRITING IN THE HUMANITIES**3 CREDITS**

This course is designed for those students in academic writing in future graduate/professional school. Students will familiarize themselves with genres, writing standards, and admission process for those fields. Consent of instructor and approval of department chairperson required.

ENG 493 INTERNSHIP IN COLLEGE WRITING**3 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Interns assist English professors and students in ENG 100 and ENG 100P. See also ENG 275.

ENG 494 INTERNSHIP IN COLLEGE ENGLISH**3-6 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Interns assist instructors in various courses. By invitation only.

ENG 495 INTERNSHIP IN WRITING AND EDITING**1-6 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

ENG 499 DIRECTED RESEARCH**1-6 CREDITS**

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Project plan and written permission required.

ENVIRONMENTAL EARTH SCIENCE

Chairperson: *James A. Hyatt*

Assistant Chairperson: *Roy R. Wilson*

Professors: *Catherine A. Carlson, James A. Hyatt, Fred Loxsom,*

Roy R. Wilson

Associate Professors: *Peter Drzewiecki*

Assistant Professors: *Alevtina Smirnova, Alessandro Zanazzi*

Major: Environmental Earth Science (B.S.)

Objectives

The Environmental Earth Science (EES) major provides a broad-based education in the earth sciences while remaining firmly grounded in geology. The curriculum stresses the materials, processes, and features of the earth; and the ways in which earth scientists address environmental problems. The student selects one track to follow. Courses in chemistry, physics, mathematics, and computing are integrated into the major to provide the diverse background necessary for analyzing environmental problems.

The Environmental Earth Science track is designed for students interested in careers or graduate school in the geosciences. The General Earth Science track is appropriate for those interested in elementary or secondary school teaching. The Sustainable Energy Science track is appropriate for students interested in the impact of energy consumption on humans and the natural environment. In addition to formal coursework, independent studies and internships offer students the opportunity to integrate field, laboratory, technical writing, and/or computer skills in the investigation of environmental problems.

The department also offers minors in environmental earth science, geographic information systems (GIS), geomorphology, hydrogeology, and sustainable energy studies. Certificates in Environmental Management and Policy and Green Energy Management for Sustainability are also available. . The GIS minor enables students to apply their earth science education to environmental problems using an advanced computer modeling system. The Geomorphology minor strengthens a student's ability to observe, measure, and analyze earth-surface processes and landforms. The Hydrogeology minor will be especially helpful to those anticipating future involvement in water resource and pollution projects. The Sustainable Energy Studies minor evaluates alternative energy sources.

The department's primary objective is to prepare its majors for positions as environmental technicians/scientists, environmental analysts, or earth science teachers. The department also encourages its majors to pursue graduate studies.

Please consult our web site at www.easternct.edu/environmentalearthscience for updates to this catalog.

Degree Requirements (B.S.)

To graduate with a degree in earth science, students must have a minimum cumulative GPA of 2.0 in courses required for the major. No science or math courses required for the major may be taken on a credit/no credit basis.

Environmental Earth Science Track Requirements (B.S.)

I. Core EES Courses: 36 credits

- *EES 104 Dynamic Earth
- EES 130 Ancient Environments
- EES 224 Landform Analysis
- EES 322 Hydrology
- EES 330 Mineralogy and Rock Analysis
- EES 340 Geographic Information Systems
- EES 344 Sedimentology and Stratigraphy
- EES 350 Field Methods in Earth Science
- EES 356 Structural Geology and Environmental Applications

*Alternatives 106, 110, 125, 202 with Lab 112

II. Advanced EES Courses: 9-12 credits

Three of the following are required; at least one must be writing intensive (WI).

- EES 336 Applied Hydrogeochemistry (WI)
- EES 342 Advanced Geographic Information Systems (WI)
- EES 402 Energy Issues in Geoscience (WI)
- EES 422 Groundwater Hydrology
- EES 424 Glacial and Quaternary Geology
- EES 428 Geologic Regions of North America
- EES 436 Introduction to Contaminant Hydrogeology (WI)
- EES 440 Process Geomorphology (WI)
- EES 444 GIS Applications in Environmental Science (WI)
- EES 460-2 Special Topics in Earth Science

III. Required Courses in Related Areas: 20 credits

- CHE 210-13 General Chemistry I and II with labs
- MAT 243 Calculus I with Technology
- PHY 204/205 Physics I and Physics II, or
- PHY 208/209 Physics I with Calculus and Physics II with Calculus

IV. Recommended Electives:

For students wanting to go beyond the above required courses, the following are options pertinent to an EES background.

BIO 308	General Ecology
CHE 216	Organic Chemistry I
CHE 217	Organic Chemistry II
CSC 110	Introduction to Computing and Problem Solving
CHE 310	Environmental Chemistry
EES 392	Environmental Earth Science Practicum
EES 480	Independent Study in Earth Science
EES 486	Earth Science Research
EES 491	Internship in Environmental Earth Science
MAT 216	Statistical Data Analysis
MAT 244	Calculus II with Technology
MAT 340	Calculus III

V. Recommended Minors:

A minor is not required. In addition to the EES minors, the following are appropriate for EES majors: Biology, Chemistry, Computer Engineering Sciences, Computer Sciences, Mathematics, Physical Science, Physics, Political Science.

General Earth Science Track Requirements (B.S.)

I. Core EES Courses: 36 credits

Same as required for Environmental Earth Science track Part I.

II. Writing Intensive EES Course: 3-4 credits

One of the following:

EES 336	Applied Hydrogeochemistry (WI)
EES 342	Advanced Geographic Information Systems (WI)
EES 402	Energy Issues in Geoscience (WI)
EES 422	Groundwater Hydrology (WI)
EES 436	Introduction to Contaminant Hydrogeology (WI)
EES 440	Process Geomorphology (WI)

III. Required Courses in Related Areas: 19 credits

Same as required for Environmental Earth Science track Part III except MAT 216 may be substituted for MAT 243.

IV. Natural Science Courses: 6-8 credits

Two of the following are required, but all three are recommended.

AST 214	Descriptive Astronomy
EES 200	Oceanography

PHY 217 Meteorology
or
EES 362 Climate and Weather

V. Recommended Electives:

Same as required for Environmental Earth Science track Part IV.

Sustainable Energy Science Track Requirements (B.S.)

I. Required EES Courses: 35 credits

*EES 104 Dynamic Earth
EES 130 Ancient Environments
EES 204 Global Climate Change, or
EES 205 Sustainable Energy
EES 207 Sustainable Energy Lab
EES 224 Landform Analysis
EES 305 Energy Resources and Energy Conservation
EES 322 Hydrology
EES 330 Mineralogy and Rock Analysis
EES 340 Geographic Information Systems
EES 344 Sedimentology and Stratigraphy

* Alternatives 106, 110, 125, 202 with Lab 112

II. Advanced Energy Courses: 9-11 Credits

EES 306 and two other courses from the following list are required; at least one must be writing intensive (WI)

EES 306 Renewable Energy
EES 307 Sustainable Energy and Sustainable Development
EES 342 Advanced Geographic Information Systems (WI)*
EES 356 Structural Geology and Environmental Applications
EES 402 Energy Issues in Geoscience (WI)
EES 405 Sustainable Energy Analysis
EES 460 Special Topics in Earth Science

*Project must be energy related

III. Required Courses in Related Areas: 19-20 Credits

EES 210-13 General Chemistry I and II with Labs
MAT 243 Calculus I with Technology
PHY 204/205 Physics I and Physics II, or
PHY 208/209 Physics I with Calculus and Physics II with Calculus

IV. Recommended Electives:

For students wanting to go beyond the above required courses, the following are appropriate options

EES 308 General Ecology

CHE 216	Organic Chemistry I
CHE 217	Organic Chemistry II
CSC 210	Computer Science and Programming I
CSC 231	Computer Science and Programming II
EES 392	Environmental Earth Science Practicum
EES 480	Independent Study in Earth Science
EES 486	Earth Science Research
EES 491	Internship in Environmental Earth Science
MAT 216	Statistical Data Analysis
MAT 244	Calculus II with Technology
MAT 340	Calculus III

V. Recommended Minors

A minor is not required. In addition to the EES minors, the following minors are appropriate for this track: Business Administration, Chemistry, Communication, Computer Engineering Sciences, Computer Science, Economics, Geographic Information Systems, Geography Mathematics, Physical Science, Political Science, Writing.

Recommended Course Sequence: Environmental Earth Science Track (B.S.)

First Year

EES 104	Dynamic Earth with Laboratory (LAC TINS) ¹	4
	¹ <i>Note:</i> A student may take EES 106 Geology of National Parks, EES 110 Introduction to Geology, or EES 125 Geology of Natural Resources to EES 202 Geological Setting of Connecticut, satisfy this requirement, but they must also take EES 112 Earth Science Laboratory (1 credit lab course).	
EES 130	Ancient Environments	4
CHE 210, 213	General Chemistry I with lab	4
CHE 211, 214	General Chemistry II with lab	4
ENG 100	College Writing (LAC: TIW)	3-4
MAT 130	Precalculus (LAC: TIM)	3
HPE 104	Health & Wellness (LAC: TIHW)	2
LAC 130	Liberal Arts Colloquium (LAC: TIQ)	3-4
LAC Tier I	One of TIA, TIHT, TIH, or TISS ^{2,3}	3
FYR 174	Resources, Research, and Responsibility ³	
	² clustered with EES Gateway Course • ³ First-Year Requirement	
	Total	30-32 credits

Second Year

EES 224	Landform Analysis (for EES majors meets LAC: TIINS)	4
EES 330	Mineralogy and Rock Analysis	4
EES 340	Geographic Information Systems (<i>for EES majors meets LAC: TII-IT</i>)	4
MAT 243	Calculus I	3
LAC Tier I	Remaining Tier I course from TIA, TIHT, TIH, or TISS	9
LAC Tier II	One of TII-IT, TIICE, TIICP, or TII-IS	3
Elective	From EES recommended	3
	Total	30 credits

Third Year

EES 322	Hydrology	4
EES 344	Sedimentology and Stratigraphy	4
EES – Adv Classes	First of three required courses	3-4
PHY 204	Physics I, or 208 Physics I with Calculus	4
PHY 205	Physics II, or Physics II with Calculus	4
LAC Tier II	Two TII classes from TII-IT, TIICE, TIICP, or TII-IS	6
Elective	From EES recommended	3-4

Total 28-30 credits

Fourth Year

EES – WI Class	EES Writing Intensive course	3-4
EES 350	Field Methods	4
EES 356	Structural Geology and Environmental Applications	4
EES-Adv Classes	Third of three required courses	
LAC Tier II	Remaining TII classes from TII-IT, TIICE, TIICP, or TII-IS	3-4 3
LAC Tier III	Liberal Arts Capstone	3
Electives	From EES recommended list	10

Total 29-32 credits

Recommended Course Sequence: General Earth Science Track (B.S.)

First Year

EES 104	Dynamic Earth with Laboratory (LAC: TINS) ¹	4
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¹ Note: A student may take EES 106 Geology of National Parks, EES 110 Introduction to Geology, or EES 125 Geology of Natural Resources or EES 202 Geologic Setting of Connecticut to satisfy this requirement, but they must also take EES 112 Earth Science Laboratory (1 credit lab course).

EES 130	Ancient Environments	4
CHE 210, 212	General Chemistry I with Lab	4
CHE 211, 213	General Chemistry II with Lab	4
ENG 100	College Writing (LAC: TIW)	3-4
MAT 130	Precalculus Mathematics (LAC: TIM)	3
HPE 104	Health & Wellness (LAC: TIHW)	2
LAC 130	Liberal Arts Colloquium (LAC: TIQ)	3-4
LAC Tier I	One of TIA, TIHT, TIH, or TISS ²³	3
FYR 174	Resources, Research, and Responsibility ³	1

²clustered with EES Gateway Course

³First-Year Requirement

Total 31-33 credits

Second Year

EES	Natural Science Classes	
	First of two required natural science courses	3-4
EES 224	Landform Analysis (for EES majors meets LAC: TIINS)	4

EES 330	Rock and Mineral Analysis	4
EES 340	Geographic Information Systems (<i>for ESS majors meet LAC: TII-IT</i>)	4
MAT 243	Calculus I	3-4
LAC Tier I	Tier I course from TIA, TIHT, TIH, or TISS	6
LAC Tier II	One of TIICE, TIICP, or TII-IS	3
Elective	From EES recommended list	3
Total		30-32 credits

Third Year

EES	Natural Science Classes Second of two required natural science courses	3-4
EES 322	Hydrology	4
EES 344	Sedimentology and Stratigraphy	4
PHY 204 or 208	Physics I, Physics I with Calculus	4
PHY 205 or 209	Physics II, Physics II with Calculus	4
LAC Tier I	Remaining Tier I course from TIA, TIHT, TIH, or TISS	3
LAC Tier II	One of TII-IT, TIICE, TIICP, or TII-IS	3
Elective	From EES recommended list	3-4
Total		28-30 credits

Fourth Year

EES – WI Class	EES Writing Intensive course	3-4
EES 350	Field Methods	4
EES 356	Structural Geology and Environmental Applications	4
LAC Tier II	Remaining TII classes from TII-IT, TIICE, TIICP, or TII-IS	3
LAC Tier III	Liberal Arts Capstone	3
Electives	From EES recommended list	13
Total		30-31 credits

Recommended Course Sequence: Sustainable Energy Science Track (B.S.)

First Year

EES 104	Dynamic Earth with Laboratory (LAC: TINS) ¹	4
¹ <i>Note:</i> A student may take EES 106 Geology of National Parks, EES 110 Introduction to Geology, or EES 125 Geology of Natural Resources or EES 202 Geologic Setting of Connecticut to satisfy this requirement, but they must also take EES 112 Earth Science Laboratory (1 credit lab course).		
EES 130	Ancient Environments	4
EES 100	College Writing (LAC: TIW)	3-4
EES 204	Global Climate Change (LAC T1NS) or	
EES 205	Sustainable Energy (LACT2NS)	3

EES 207	Sustainable Energy Lab	1
MAT 243	Calculus I w/Technology	3-4
HPE 104	Health and Wellness (LAC: TIHW)	2
LAC 130	Liberal Arts Colloquium (LAC: TIQ)	3-4
LAC Tier I	One of TIA, TIHT, TIH, or TISS	3
FYR 174	Resources, Research, and Responsibility	1

Total **27-30 credits**

Second Year

EES 224	Landform Analysis (for EES majors meets LAC:TIINS)	4
EES 305	Energy Resources and Energy Conservation	3
EES 306	Renewable Energy	3
CHE 210, 213	General Chemistry I with Lab	4
CHE 211, 214	General Chemistry II with Lab	4
LAC Tier I	Two from TIA, TIHT, TIH, or TISS	6
LAC Tier II	One from TII-IT, TIICE, TIICP, or TII-IS	3

Total **30-31 credits**

Third Year

EES 330	Mineralogy and Rock Analysis	4
EES 340	Geographic Information Systems	4
EES ---	An advanced energy course	3
PHY 204	Physics I, or 208 Physics I with Calculus	4
PHY 205	Physics II, or PHY 209 Physics II with Calculus	4
LAC Tier II	Two TII classes from TII-IT, TIICE, TIICP, or TII-IS	6
Electives		6-8

Total **31-33 credits**

Fourth Year

EES 322	Hydrology	4
EES 344	Sedimentology and Stratigraphy	4
EES ---	An advanced energy course	3
LAC Tier II	Remaining TII classes from TII-IT, TIICE, TIICP, or TII-IS	6
LAC Tier III	Liberal Arts Capstone	3
Electives		9-12

Total **29-32 credits**

Minor: Environmental Earth Science

The minor is designed for students majoring in other disciplines who are interested in earth science or who need a knowledge of basic earth science in their careers. Any student selecting Environmental Earth Science as a minor must meet with the Environmental Earth Science Department chairperson. Requirements for the minor include

EES 104	Dynamic Earth	4
EES 130	Ancient Environments	4
EES 224	Landform Analysis	4

Minor: Geographic Information Systems (GIS)

Roy R. Wilson, *Coordinator*

A geographic information system stores, analyzes, and displays spatially oriented data to improve decision-making. The key to the rapid growth of GIS is its ability to integrate data and to model complex physical processes. Environmental scientists are using it for applications such as environmental impact analysis, hydrological modeling, and biodiversity studies. The objective of the minor is to enable the student to apply spatial analysis principles to their academic discipline.

The minor consists of a minimum of 17 credit hours. Nine of these hours must be unique to the minor.

Requirements

All

EES 340	Geographic Information Systems	4
EES 342	Advanced Geographic Information Systems	4
EES 444	GIS Applications in Environmental Science	3
or		
EES 480	Independent Study (GIS application project)	3

Optional Courses

At least two additional courses approved by the GIS Coordinator

Minor: Geomorphology

James A. Hyatt, *Coordinator*

Geomorphology is the study of earth surface processes and landforms. Geomorphologists apply principles of physics, chemistry, hydrology and sedimentology to understand earth surface landscapes. As well, geomorphologists use computer programs like geographic information systems to analyze, explain, and evaluate the geologic nature of earth surface environments. Geomorphologists are hired as environmental consultants and earth scientists by private consulting firms, government agencies, and educational institutions.

The objectives of the minor in geomorphology are 1) to provide an opportunity for students to study geomorphology, 2) to refine analytical and technical skills used to study earth surface environments, and 3) to prepare students for graduate studies and/or employment in geomorphology and related fields.

The minor consists of a minimum of 16 credit hours. Nine of which must be unique to the minor.

All of:

EES 424**	Glacial and Quaternary Geology	3
EES 440**	Process Geomorphology	4

One of the following, or an approved substitution:

EES 336	Applied Hydrogeochemistry	4
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EES 342	Advanced Geographic Information Systems	4
EES 480†	Independent Study in Earth Science	3-4

Remaining credit hours from the following, or substituted with approval of geomorphology coordinator:

CSC 110	Introduction to Computing and Problem Solving	3
CSC 215	Introduction to Web Development	3
CSC 249	Visual Basic	3
CHE 320	Quantitative Chemical Analysis	4
CHE 480†	Independent Study in Chemistry	3-4
EES 300+	Additional EES classes appropriate to minor	3-8
MAT 216	Statistical Data Analysis	3
MAT 244	Calculus II with Technology	3
MAT 315	Mathematical Statistics I	3

**EES 224 (Landform Analysis) is a prerequisite for these courses.

† Requires a faculty supervisor, topic must be appropriate for minor.

Minor: Hydrogeology

Catherine Carlson, *Coordinator*

Hydrogeology is an interdisciplinary, quantitative science encompassing aspects of geology, physics, chemistry, and mathematics. Hydrogeology is the study of the occurrence, distribution, and transport of groundwater, its natural chemical evolution, and the behavior of contaminants in groundwater. Contemporary hydrogeologic problems range from water supply to land subsidence to groundwater protection and contamination. The objectives of the minor are 1) to introduce students to the field of hydrogeology, 2) to educate students for hydrogeology-related employment, and 3) to prepare students for graduate studies in hydrogeology. Courses taken toward the minor must be approved by the Environmental Earth Science Department hydrogeology coordinator. Students must receive a grade of 2.0 or higher in each course for the minor. A minimum of 16 credits are required for the minor. Nine of these hours must be unique to the minor.

Requirements for the minor:

EES 336	Applied Hydrogeochemistry	3
EES 422	Groundwater Hydrology	4
MAT 244	Calculus II with Technology	3
CHE 216	Organic Chemistry	4
or		
CHE 322	Physical Chemistry	3
One of the following:		
EES 436	Introduction to Contaminant Hydrogeology	3
EES 457	Instrumental Methods in Environmental Earth Science	3
EES 460	Special Topics in Earth Science	3
EES 480	Independent Study	3
EES 491	Internship	3

Minor: Sustainable Energy Studies

Fred Loxsom, *Coordinator*

The production and consumption of energy, especially energy based on fossil fuels, is a major source of environmental and social problems in the U.S. and the world, including global warming, air pollution, ecosystem destruction, and economic instability. Continuing growth in conventional energy consumption is not sustainable into the indefinite future and transition to an economy based on renewable energy technologies such as hydroelectric, solar, and wind energy is inevitable. Sustainable Energy Studies is the study of this transition through the perspectives of the natural sciences and the social sciences. Students who minor in Sustainable Energy Studies will be prepared to work as energy policy specialists in government, industry, and education.

The objectives of the minor in Sustainable Energy Studies are 1) to introduce students to the emerging field of sustainable energy studies, 2) to prepare students for post-graduate employment involving energy policy, 3) to insure that science students understand the social and economic implications of energy technology, 4) to insure that social science students comprehend the technological and scientific basis of energy policy, and 5) to prepare educators to teach about energy science and energy policy.

The minor consists of 15 hours.

Required Courses:

EES 205	Sustainable Energy and the Environment**	3
EES 305	Sustainable Energy Resources	3
EES 306	Sustainable Energy Applications	3

Two courses or approved substitutions from the following list:

BIO 308	General Ecology	3
ECO 201	Principles of Microeconomics	3
EES 204	Global Climate Change	3
EES 307	Sustainable Energy and Sustainable Development	3
EES 405	Sustainable Energy Analysis	3
EES 480	Independent Study in Earth Science†	3
EES 491	Internship in Environmental Earth Science†	3
PSC 351	Environmental Politics and Policy	3
PSC 352	Global Environmental Politics	3
PSC 353	Natural Resource Politics	3

** EES 304 can be substituted for EES 205. Both can not be taken for credit.

† Topic must be approved and must be consistent with the minor.

Certificate: Environmental Management and Policy (EMP)

Catherine A. Carlson, *Coordinator*

The Environmental Management and Policy Certificate is a cluster of related courses focusing on environmental issues for individuals who want to expand their knowledge of the environment, environmental management, and environmental policy. For returning students interested in pursuing a college degree, the certificate program provides a stepping stone to

the Bachelor of General Studies, with major concentration in Environmental Management and Policy.

Students will investigate:

- The major environmental issues confronting environmental managers (who work for corporations, businesses, government, industries, and nonprofit organizations)
- The basic scientific concepts of environmental management
- State and federal laws that govern activity in the environmental field
- How to incorporate environmental protection considerations into business

Certificate: Green Energy Management for Sustainability (GEMS)

Fred Loxsom, *Coordinator*

The Green Energy Management for Sustainability certificate is designed to provide students, both those who have been in the workforce as well as those who have not yet entered the workforce, with current knowledge about the principles of sustainable energy and their impact on business management. Students in the program will learn about the principles of sustainable energy and about the principles of Six Sigma, which is a methodology for improving products and processes and can be applied to improve sustainability. Students will also choose electives that will provide experience and knowledge about the application of sustainable principles to business management.

Certificate Requirements (15 credits)

Students must first apply for the certificate program before completing the certificate requirements. Students will then receive the GEMS certificate after satisfactory completion of the requirements listed below:

All students will complete:

- | | |
|---------|--|
| BUS 363 | Six Sigma for Continuous Improvement or Six Sigma Black Belt certification (eligible for three academic credits through Eastern's Credit for Lifelong Learning program.) |
| EES 205 | Sustainable Energy |
| EES 305 | Energy Resources and Energy Conservation |

Students will choose 2 courses (6 credits) from the following list:

- | | |
|---------|---|
| EES 306 | Renewable Energy |
| ECO 210 | Environmental Economics or approved substitute course |
| EES 491 | Internship in Environmental Earth Science |

or

- | | |
|---------|------------------------------------|
| EES 480 | Independent Study in Earth Science |
|---------|------------------------------------|

Certificate Requirements (15 credits)

Students must first apply for the certificate program before completing the certificate requirements. Students will then receive the certificate after satisfactory completion of the five courses list below:

- | | |
|---------|-----------------------------|
| BIO 200 | Ecology and the Environment |
| EES 220 | Environmental Geology |

EES 315	Environmental Science and Society
EES 320	Environmental Management
PSC 351	Environmental Politics and Policy

Courses of Instruction: Environmental Earth Science

EES 104 DYNAMIC EARTH with Laboratory 4 CREDITS

NOTE: NOT OPEN TO STUDENTS WHO HAVE COMPLETED EES 110.

NOTE: THIS COURSE INCLUDES A MANDATORY LABORATORY THAT IS EQUIVALENT TO THE STANDALONE LABORATORY EES 112.

NOTE: THERE IS A \$50 LAB FEE FOR THIS COURSE

Introduction to geology including common minerals and rocks forming Earth and serving as resources; Earth's interior; and processes affecting outer Earth and human beings, including volcanic and seismic activity, glaciation, and rivers. Three hours lecture, two hours laboratory.

EES 106 GEOLOGY OF NATIONAL PARKS 3 CREDITS

The nation's National Parks provide a natural laboratory for understanding Earth materials and processes. This course will cover the plate tectonic and Earth surface processes that shape the dramatic and often unique scenery preserved within the United States National Park system. Three hour lecture. Students may take EES 112 Earth Science Laboratory in conjunction with this class.

EES 110 INTRODUCTION TO GEOLOGY 3 CREDITS

NOTE: NOT OPEN TO STUDENTS WHO HAVE COMPLETED EES 104; EES MAJORS SHOULD TAKE EES 104.

Common minerals and rocks forming Earth and serving as resources; Earth's interior; and processes affecting outer Earth and human beings, including volcanic and seismic activity, glaciation, and rivers. Three hour lecture.

EES 112 EARTH SCIENCE LABORATORY 1 CREDIT

NOTE: THERE IS A \$50 LAB FEE FOR THIS COURSE

Explore earth-forming minerals and rocks and earth-surface processes with hands-on laboratory exercises. This course can be taken in conjunction with EES 106, EES 110, EES 125, EES 202, or EES 220. Taking this course with one of the above-listed courses satisfies the LAC laboratory science requirement.

EES 125 GEOLOGY OF NATURAL RESOURCES 3 CREDITS

Geology is the science that pursues an understanding of the Earth, including the materials that make it up and the processes by which they form. This course uses basic physical geological principles to understand the origin, distribution, and use of the Earth's natural resources both now and into the future. These resources include metal and mineral deposits, energy, soil, rocks, and water. This course can be taken in conjunction with EES 112 (Earth Science laboratory) to satisfy the requirements of a science with a lab.

EES 130 ANCIENT ENVIRONMENTS WITH LABORATORY 4 CREDITS

PREREQUISITE: EES 104, 106, 110, 125, or 220 with 112

The changing geological conditions and environments of earth over time. Aspects and techniques used to interpret earth history. Three hour lecture three hour laboratory.

EES 200 OCEANOGRAPHY**3 CREDITS**

NOTE: CREDIT NOT APPLICABLE TO BIOLOGY MAJOR REQUIREMENTS.

Introduction to physical, chemical, biological, and geological aspects of oceans.

EES 202 GEOLOGICAL SETTING OF CONNECTICUT**3 CREDITS**

NOTE: NOT RECOMMENDED FOR EES MAJORS.

An exploration of the landscape and geological features of Connecticut and environs. Aspects such as the development of the underlying rock, the influence of glaciation, and related resources will be covered.

EES 204 GLOBAL CLIMATE CHANGE**3 CREDITS**

A study of the scientific data, physical theory, and computer models that scientists are using to predict rapid global warming during the current century. These predictions will be compared to previous climate history of the Earth. The evidence that human activities, especially the emission of carbon dioxide through the burning of fossil fuels, is the dominant cause of the current global climate change and that global warming will cause irreversible damage to natural ecosystems and will cause substantial economic and health damage to human populations will be examined. Proposals for decreasing the amount of global climate change and adapting to climate change will be evaluated.

EES 205 SUSTAINABLE ENERGY**3 CREDITS**

A study of the environmental impacts of using fossil fuels to generate electricity and power transportation. Alternatives to these technologies, including conservation, mass transit, electric and hybrid electric vehicles, passive solar energy, solar thermal systems, photovoltaic power systems, hydroelectric power, wind energy, tidal power, ocean thermal energy, biomass, fuel cells, hydrogen fuel systems, and nuclear fission. This course will evaluate the environmental, economic, and social effectiveness of these alternatives.

EES 206 IMPACT OF AN ICE AGE**3 CREDITS**

The nature of glaciers and the ways that present or past glaciers affect the landscape and human activity. Concepts from basic geology will be covered as necessary.

EES 207 SUSTAINABLE ENERGY LAB**1 CREDIT**

NOTE: THERE IS A \$50 LAB FEE FOR THIS COURSE.

PRE OR CO-REQUISITE: EES 205

An experiential introduction to energy and society issues through laboratory study of climate change, energy efficiency, and renewable energy systems. This one-credit laboratory must be taken in conjunction with EES 205, Sustainable Energy and the Environment. Lab activities will connect closely with the topics discussed in ESS 205.

EES 220 ENVIRONMENTAL GEOLOGY**3 CREDITS**

Environmental geology is the application of geologic information to the entire spectrum of interactions between people and the physical environment. In this course we will develop an understanding of geology's role in major environmental problems facing people and society.

EES 222 WATER AND SOCIETY**3 CREDITS**

An investigation of the global water crisis, its root causes, its root causes and its consequences for human development from a multi-disciplinary perspective-historical, social, economic, political, and environmental. Topics covered include water as a human right, the water-poverty cycle, gender inequality, the commodification of water, and trans-boundary water conflicts.

EES 224 LANDFORM ANALYSIS WITH LABORATORY**4 CREDITS**

PREREQUISITE: EES 104

Characteristics of continental landforms on Earth and processes that fashion them. Laboratory emphasizes recognition and interpretation of landforms on maps and aerial photos. Field trips may occur during some lab times. Three hours lecture two hours laboratory.

EES 230 SCIENTIFIC DIMENSIONS OF NATIONAL DISASTERS 3 CREDITS

Natural disasters occur where and when destructive atmospheric, geologic and/or human-induced processes negatively impact people. Most such disasters are associated with large infrequent events such as hurricanes, ice storms, earthquakes, and floods (etc). The risk of damage caused by these phenomena varies greatly depending upon the specific destructive process and the infrastructure and populations impacted. As such, natural disasters are complex interactions between natural processes and human response systems. This course focuses on analyzing risk associated with hazards and exploring the scientific basis for several types of natural disasters.

EES 300 BASICS OF GEOGRAPHICAL INFORMATION SYSTEMS 3 CREDITS

GIS is a computer system designed to analyze spatial problems. This is a disciplinary introductory course in GIS. We will discuss how GIS helps researchers analyze problems in areas such as environmental management, business, history, and archeology. No prior GIS experience is required. This course meets GER Category VC Computer Competency and LAC Tier II Applied Information Technology. EES majors must take EES 340 instead of this course.

EES 305 ENERGY RESOURCES AND ENERGY CONSERVATION 3 CREDITS

PREREQUISITES: EES 205 OR EES 204

A study of the geographical distribution and accessibility of hydrocarbon and nuclear fuel resources, the environmental impact of consuming these resources, techniques for reducing the demand for energy resources through conservation, fuel switching, and Increased efficiency, and prospects for reducing global climate change impacts through reduced fossil fuel consumption, carbon sequestration, and increased reliance on nuclear power. Topics include the geology of fossil fuel formation, uranium ore distribution, residential energy use, green buildings, fuel cells, hybrid vehicles, combined heat and power, LEED standards, electricity generation and distribution, air pollution, carbon emission, carbon sequestration, improved smart electric distribution grid, nuclear power, and nuclear waste storage.

EES 306 SUSTAINABLE ENERGY APPLICATIONS**3 CREDITS**

PREREQUISITES: EES 205 OR EES 204

A study of renewable energy resources and application with emphasis on the use of renewable energy in residences, utility power generation, and transportation. Topics include solar hot water, solar electricity, wind power, geothermal energy, hydroelectricity, wave power, biofuels, and electric vehicles. The potential for renewable energy to replace conventional energy resources and to stabilize or reduce carbon emissions will be analyzed extensively.

EES 307 SUSTAINABLE ENERGY AND SUSTAINABLE DEVELOPMENT

PREREQUISITES: EES 205 OR EES 204

3 CREDITS

An eight to 12-day field experience in a developing country. An intensive study, including interviews and site visits, of the role that sustainable energy systems play in sustainable development in a development country.

EES 310 PHYSICAL GEOGRAPHY**3 CREDITS**

NOTE: NOT SUGGESTED FOR EES MAJORS; EES MAJORS SHOULD TAKE EES 104.

Study of physical characteristics of the Earth affecting people and their environment, such as development of surface features, soils, climate, and weather.

EES 312 PHYSICAL GEOGRAPHY WITH LABORATORY**4 CREDITS**

NOTE: NOT SUGGESTED FOR EES MAJORS; EES MAJORS SHOULD TAKE EES 104.

Study of physical characteristics of the Earth affecting people and their environment, such as development of surface features, soils, climate, and weather. Laboratory includes applied exercises on these topics.

EES 315 ENVIRONMENTAL SCIENCE AND SOCIETY (PHH 315) 3 CREDITS

This course is an introduction to how scientists approach some of the serious environmental problems facing our society. We will seek to understand how scientists acquire environmental data and how the data are used to mitigate environmental problems such as water pollution, climate change, acid rain, and food resources. We will also discuss the limits of science in trying to solve these problems.

EES 320 ENVIRONMENTAL MANAGEMENT**3 CREDITS**

PREREQUISITES: EES 220 OR JR/SR STANDING IN EES

As population continues to grow, humans are consuming more natural resources (e.g., land, water, air, energy) and producing more waste than ever before. Environmental approaches will be covered that address management of natural resources, natural hazards, and natural ecosystems, with special attention given to land-use planning and management.

EES 321 INTRODUCTION TO WATERSHED MANAGEMENT 3 CREDITS

This course explores the principles and practice of watershed management in the United States. Self-paced modules cover topics such as watershed ecology, natural and human-induced changes in watersheds, watershed planning and monitoring, management practices to reduce environmental impacts, and social issues and relevant laws/regulations. Students who successfully complete the course are eligible for the U.S. EPS Watershed Academy's Watershed Management Training Certificate.

EES 322 HYDROLOGY WITH LABORATORY (PBH 222, PHR 222) 4 CREDITS

PREREQUISITES: EES 130; ENG 100; CSC 100 OR 110; MAT 130

MAT 216 RECOMMENDED; OR CONSENT OF INSTRUCTOR

An introduction to the field of hydrology, including surface-water, ground-water, and vadose-zone hydrology. Basic hydrologic concepts and standard hydrologic techniques that are used in solving a wide range of environmental problems will be presented. Three hours lecture; three hours laboratory.

EES 323 DRINKING WATER MANAGEMENT (PBH 323)**3 CREDITS**

An introduction to drinking water regulations and practices in the United States. Topics explored include the Clean Water Act, Safe Drinking Water Act, public health issues, water and wastewater treatment plants, water supply systems, water sampling methods and water standards, source water protection, sanitary surveys and case studies.

EES 330 MINERALOGY AND ROCK ANALYSIS WITH LAB**4 CREDITS**

PREREQUISITES: EES 104; CHE 210; CHE 211 RECOMMENDED

An introduction to major rock-forming and ore minerals. The genesis and characteristics of igneous and metamorphic rocks. Three hours lecture; three hours laboratory.

EES 336 APPLIED HYDROGEOCHEMISTRY WITH LAB 3 CREDITS

PREREQUISITES: EES 322; CHE 211; EES 330 RECOMMENDED; OR CONSENT OF INSTRUCTOR

An introduction to aqueous geochemistry and isotope hydrology. Emphasis is placed on using the chemical and isotopic properties of water, and their spatial distribution, as a means of investigating water transport on and below the earth's surface. Two hours lecture; three hours laboratory.

EES 340 GEOGRAPHIC INFORMATION SYSTEMS WITH LAB 4 CREDITS

PREREQUISITE: EES 224, OR CONSENT OF INSTRUCTOR

GIS is a spatial analysis system designed to improve environmental decision-making. Course objectives are to examine how digital earth resources data are collected, stored, analyzed, and displayed. The emphasis will be on natural resource problems, although we will discuss additional applications. Three hours lecture; three hours laboratory.

EES 342 ADVANCED GEOGRAPHIC INFORMATION SYSTEMS WITH LAB 4 CREDITS

PREREQUISITE: EES 340, OR CONSENT OF INSTRUCTOR

This course explores advanced topics in the spatial analysis of natural resources. We will investigate strategies for the integration of digital earth resources data in environmental modeling and gain experience in the use of advanced spatial data analysis software. Three hours lecture; three hours laboratory.

EES 344 SEDIMENTOLOGY AND STRATIGRAPHY WITH LAB 4 CREDITS

PREREQUISITES: EES 130, 224; EES 330 RECOMMENDED

Study of the formation, distribution, and classification of sediments and sedimentary rocks. Three hours lecture; three hours laboratory.

EES 350 FIELD METHODS IN EARTH SCIENCE 4 CREDITS

PREREQUISITES: EES 130, 224, EES 330 RECOMMENDED

Analysis and description of exposed bedrock and surface topography. Mapping of geologic aspects for academic or practical purposes. Use of Brunton compass and other equipment. Field trips.

EES 356 STRUCTURAL GEOLOGY AND ENVIRONMENTAL APPLICATIONS WITH LABORATORY 4 CREDITS

PREREQUISITES: EES 130, 330, MAT 130; EES 350 RECOMMENDED

An introduction to the genesis, characteristics, and methods of studying geologic structures such as folds, faults, and fractures. Also, examples of the relevance of that knowledge to various land-use, hazard, or environmental exercises. Three hours lecture; three hours laboratory.

EES 361 GEMSTONES 3 CREDITS

Focus on the composition, origin, occurrence, properties, and identification of important gemstones.

EES 362 CLIMATE AND WEATHER 3 CREDITS

Study of the Earth's climate zones and weather phenomena, including how they develop and are investigated.

EES 392 ENVIRONMENTAL EARTH SCIENCE PRACTICUM 1-3 CREDITS

Special situation enabling a student to apply the knowledge and skills acquired through the Environmental Earth Science major; however the situation does not qualify as an internship, directed research, or an independent study. Hours to be arranged.

EES 402 ENERGY ISSUES IN GEOSCIENCE 3 CREDITS

PREREQUISITES: EES 130, EES 224

An in-depth study of energy issues in geosciences. Topics include global climate change, fossil fuel resource assessment, solar and wind resource assessment, geothermal energy resource assessment, carbon sequestration, and nuclear waste storage.

EES 405 SUSTAINABLE ENERGY ANALYSIS 3 CREDITS

PREREQUISITES: EES 305, EES 306, EES 340, PHY 204/205 or PHY 208/209

This course provides students with experience in developing and using computer simulations of sustainable energy systems such as solar collectors, solar electric power systems, and wind turbines. Students develop detailed mathematical descriptions of sustainable energy systems and use standard simulation software packages to develop computer simulations of these systems. The course includes experience using computer simulations of sustainable energy systems to predict system performance in different geographical regions.

EES 422 GROUNDWATER HYDROLOGY WITH LABORATORY 4 CREDITS

PREREQUISITES: EES 322; MAT 240 OR 243; PHY 204 OR 208; EES 344

RECOMMENDED; OR CONSENT OF INSTRUCTOR

Study of the occurrence and movement of groundwater. Field and laboratory techniques in subsurface hydrology will be covered. Three hours lecture; three hours laboratory.

EES 423 HEALTH AND SAFETY AT HAZARDOUS WASTE SITES 3 CREDITS

Environmental scientists who perform investigative or remedial activities at hazardous waste sites or may otherwise be exposed to hazardous substances and health hazards are required by OSHA to receive a minimum of 40 hours of instruction in hazardous materials safety. This course meets the 40-hour off-site training requirement. Topics covered include hazard materials recognition and properties, toxicology and chemical exposure, air monitoring, protective clothing and equipment, decontamination, and health and safety programs/plans.

EES 424 GLACIAL AND QUATERNARY GEOLOGY 3 CREDITS

PREREQUISITES: EES 130, 224

Characteristics of glaciers and related erosional and depositional features. Stratigraphic and dating aspects pertinent to Quaternary deposits. Three hours lecture.

EES 428 GEOLOGIC REGIONS OF NORTH AMERICA 3 CREDITS

PREREQUISITES: EES 130, 224

Distinctive aspects of geologic provinces including surface features, structures, history, resources, and environmental aspects. Three hours lecture.

EES 430 OPTICAL MINERALOGY WITH LABORATORY 4 CREDITS

PREREQUISITE: EES 330

Optical crystallography, crystal chemistry, and structural properties of minerals. Three hours lecture; three hours laboratory.

EES 436 INTRODUCTION TO CONTAMINANT HYDROGEOLOGY 3 CREDITS

PREREQUISITE: EES 422 OR EES 336; OR CONSENT OF INSTRUCTOR

A practical course on conducting contaminant hydrogeologic investigations. Topics covered include drilling techniques, sampling protocols, mass transport of contaminants, and aquifer characterization. Three hours lecture.

EES 440 PROCESS GEOMORPHOLOGY WITH LABORATORY 4 CREDITS

PREREQUISITES: EES 224; EES 350 RECOMMENDED

An in-depth examination of selected themes in process geomorphology with New England examples. Topics include systems theory, weathering processes, tectonic geomorphology, karst, fluvial processes, coastal processes, and climatic geomorphology with emphasis on cold non-glacial processes. Laboratories involve field activities, computing techniques, and computation. Three hours lecture; three hours laboratory.

EES 444 GIS APPLICATIONS IN ENVIRONMENTAL SCIENCE 3 CREDITS

PREREQUISITE: EES 342, OR CONSENT OF INSTRUCTOR

This course will give students applied experience in using GIS in natural resource management. Each student will develop a GIS project and present it in a written, poster, or oral format.

EES 457 INSTRUMENTAL METHODS IN ENVIRONMENTAL EARTH SCIENCE 1-3 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

Laboratory experiences will vary. Methods may include work with the petrographic microscope, differential thermal analysis unit, Vreeland spectroscopy, and thin-section making equipment.

EES 460-462 SPECIAL TOPICS IN EARTH SCIENCE 1-4 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

Note: Special-interest courses for EES majors.

Occasional offerings of EES topics not covered in the standard EES courses.

EES 480 INDEPENDENT STUDY IN EARTH SCIENCE 1-6 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR AND DEPARTMENT CHAIRPERSON

Student conducts independent research under the guidance of a faculty supervisor.

EES 486-488 EARTH SCIENCE RESEARCH 1-4 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

Student involvement in faculty research that does not qualify as an independent study.

EES 490 INTERNSHIP IN EARTH SCIENCE LABORATORY 1-4 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR AND DEPARTMENT CHAIRPERSON

Student assists EES faculty member in laboratory teaching.

EES 491 INTERNSHIP IN ENVIRONMENTAL EARTH SCIENCE 1-15 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR AND DEPARTMENT CHAIRPERSON

Practical experience in earth science working with a government agency or private company under the supervision of an EES faculty member and an agency representative.

GEOGRAPHY

Chairperson: *William L. Newell*

Assistant Professor: *Mary E. Curran*

Minor: Geography

The Geography minor familiarizes students with both the global map and the spatial distributions of people and things, such as capital, technology, and disease across the globe. Because Geography combines spatial analysis with concepts from a number of other disciplines, a geography minor is an excellent complement to a range of majors, including history, economics, sociology, political science, communications and business administration. Geography is an excellent background for students who wish to develop careers in teaching, development, policy, or other service professions.

The minor requires students to take 15 credits of geography courses. At least six of the 15 credits must be at the 300-level or above, and nine credits must be completed at Eastern. At least nine credits must be unique to the geography minor and not shared with other majors or minors.

Courses of Instruction: Geography

GEO 100 INTRODUCTION TO GEOGRAPHY

3 CREDITS

An examination of various habitats of the physical world — mountains, deserts, plains— with particular emphasis on the interrelationship between place and self.

GEO 110 URBAN GEOGRAPHY

3 CREDITS

The history, nature and functions of urban settlements will be considered, with attention to problems of urban area which are spatial. Introduction also to practical problems using census data, interpretation of aerial photography and map construction.

GEO 210 GEOGRAPHY OF CANADA

3 CREDITS

Studies and evaluates the major economic and geographical regions of the United States and Canada in terms of present conditions, potential development, and their relationship to the world economy.

GEO 218 REGIONS OF THE WORLD

3 CREDITS

Through examination of the physical, historical, and cultural geographies of the different regions of the world, the course will focus upon the plethora of important issues facing regions, with an emphasis on the ways in which processes of globalization are both homogenizing and differentiating regions.

GEO 228 HISTORICAL GEOGRAPHY OF THE UNITED STATES **3 CREDITS**

The influence of geographical factors upon the historical development of our nation and their present impact upon our society.

GEO 331 GEOGRAPHY OF FOOD

3 CREDITS

Examines the influence of local, regional, and global factors on the production, consumption and culture of food.

GEO 332 GEOGRAPHIES OF TOURISM**3 CREDITS**

This course introduces students to complex geographies of tourism which have become one of the most important sources of revenue for countries across the globe. Students will study the geography of tourist sites, the movement of tourists and changes that tourism as a development strategy creates both to the physical landscape and to the cultures of tourist sites.

GEO 333 GLOBAL GEOPOLITICAL DIVISIONS**3 CREDITS**

An historical analysis of the ways in which policy makers have divided up the globe into categories such as East/West, colonizer/colonized, and developed/underdeveloped and the effects of these policies upon people in place.

GEO 337 ECONOMIC GEOGRAPHY**3 CREDITS**

Analyzes the effects of global production, distribution, and financial networks on local and regional economies.

GEO 365 SPECIAL TOPICS IN GEOGRAPHY**3 CREDITS**

Special areas of interest in geography. Topics vary from semester to semester. Course may be repeated with a change of topic.

GEO 480 INDEPENDENT STUDY**1-6 CREDITS**

PREREQUISITE: CONSENT OF INSTRUCTOR

HISTORY

Chairperson: *Ann R. Higginbotham*

Professors: *Stacey K. Close, Ann R. Higginbotham, Anna D. Kirchmann, Joan E. Meznar, Emil Pockock, Barbara M. Tucker*

Associate Professors: *David Frye, Jamel Ostwald*

Assistant Professors: *Caitlin C. Stewart*

Majors: History or History and Social Sciences (B.A.)

Objectives

The liberal arts History major is planned to achieve several goals:

1. To provide an understanding of the historical background of modern society, politics, economics, and culture;
2. To prepare for higher-level professional training and teaching;
3. To cultivate active skills in research and writing.

This major stresses the development of those research and writing techniques which, although developed by historians, have found application in innumerable other occupations and disciplines – education, law and government, journalism, social work, business and industrial research, museum and archival work.

The History and Social Sciences major is also designed to provide students with a broad historical background for understanding modern society, politics, economics and culture, but here combined with a greater in-depth knowledge of one or more social science or related disciplines. This program offers flexibility to students by opening up a wide variety of possible elective options for shaping a unique program to meet their present interests and their future professional or vocational needs. This major is particularly appropriate for students seeking teacher certification at the secondary level. The details of these programs must be worked out in advance in consultation with an advisor in the History Department.

Admission to the Program

All students who wish to request admission to the History or History and Social Science major must contact the chairperson of the department to declare their major and to inaugurate steps toward developing a plan of study.

Transfer students who wish to graduate from Eastern with a History or History and Social Science major must take a minimum of 15 credits of history courses at the University. They must also meet all of the specific requirements for either major whether with transferred or Eastern courses. Transfer students will be evaluated individually to determine their program.

All majors in both programs must receive a 2.0 or better in each course required for the major, including courses in the social sciences or related areas other than history. Transfer students and new majors with 60 credits or more may substitute upper-division courses for lower-division requirements with the consent of their advisor and the chairperson. All students taking 300- or 400- level courses should first complete HIS 200.

Degree Requirements

Major: History (B.A.)

I. Required Courses: 15 credits

HIS 120	The Early American Experience, 1607-1877
HIS 121	The Recent American Experience, 1877-Present
HIS 200	Historical Research and Writing
HIS 230	Western Civilization Before 1500
HIS 231	Western Civilization Since 1500

II. History Electives: 18 credits

A minimum of six history electives at the 200-, 300-, and 400-level (excluding HIS 310). A maximum of two of these electives may be taken at the 200-level. Majors are encouraged to take a broad range of electives in European, American, and non-Western history.

III. History Electives Seminar: 3 credits

One seminar (HIS 400, 406, 407, or 420). This satisfies the university requirement for a writing-intensive course.

HIS 120 or 121 will fulfill the LAC Tier I Historical Perspectives category for; HIS 230 or 231 will fulfill the LAC Tier II Cultural Perspectives Category.

Recommended Course Sequence: History Major (B.A.)

Check all course descriptions for prerequisites before planning course schedule.

First Year

ENG 100	College Writing	3
MAT 135	Math for Liberal Arts Majors	3
LAC Tier I		12-15
HIS 120	Early American Experience	3
HIS 121	Recent American Experience	3
	Electives	0-3
	Total	30 credits

Second Year

LAC Tier I & II		9-12
HIS 200	Historical Research & Writing	4
HIS 230	Western Civilization Before 1500	3
HIS 231	Western Civilization Since 1500	3
HIS 2**/3**	History Elective	3
	Minor	0-3
	Electives	0-6
	Total	30 credits

Third Year

LAC Tier II		4-7
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HIS 2**/3**	History Electives	6-12
	Minor	0-9
	Electives	5-14
	Total	30 credits

Fourth Year

LAC Tier III

HIS 3**/4**	History Elective	3
HIS 400-420	Seminar/ LAC Tier III	3
	Minor	0-9
	Electives	15-18
	Total	30 credits

Major: History and Social Science (B.A.)

I. Required Courses: Nine credits

HIS 115	Early World History
or	
HIS 116	Modern World History
HIS 120	Early American Experience
or	
HIS 121	Recent American Experience
HIS 230	Western Civilization Before 1500
or	
HIS 231	Western Civilization Since 1500
HIS 200	Historical Research and Writing

II. History Electives: 15 credits

A minimum of five history electives at the 200-, 300-, and 400-level (excluding HIS 310). A maximum of two of these electives may be taken at the 200-level. Majors are encouraged to take a broad range of electives in European, American, and non-Western history. Students seeking teaching certification at the secondary level should take at least one non-Western history to meet state certification requirements.

III. Seminar or Colloquium: 3-4 credits

One seminar (HIS 400, 406, 407, or 420) or colloquium (HIS 461, 462, or 463). This fulfills the University requirement for a writing-intensive course.

IV. Social Science Electives: 15 credits

Majors select five courses from the following disciplines. Students seeking certification as secondary school teachers should select courses from at least four different disciplines and should consult their academic advisors about appropriate courses to meet current state certification requirements.

- Anthropology
- Economics
- Geography

Political Science
 Psychology
 Sociology

Recommended Course Sequence: History & Social Science Major (B.A.)

Check all course descriptions for prerequisites before planning course schedule.

First Year

ENG 100	College Writing	3
MAT 135	Math for Liberal Arts Majors	3
LAC Tier I		9-12
HIS 120/121	Early/Recent American Experience	0-3
	Social Science Electives	6-9
	Total	30 credits

Second Year

LAC Tier I & II		9-12
HIS 231/230	Western Civilization	3
HIS 200	Historical Research & Writing	4
HIS 2**/3**	History Electives	3-6
	Social Science Electives	3-6
	Minor	0-3
	Electives	0-3
	Total	30 credits

Third Year

LAC Tier II		4-7
HIS 3**	History Electives	3-6
	Social Science Electives	3-6
	Minor	0-6
	Elective	5-17
	Total	30 credits

Fourth Year

HIS 3**	History Electives	3-6
HIS 4**	Seminar or Colloquium/ LAC Tier III	3
	Minor	0-6
	Electives	12
	Total	30 credits

Minor: History

To earn a History minor, a student must take 15 credits of history courses. At least six of the 15 credits must be at the 300-level or above, (excluding HIS 310) and nine credits must be completed at Eastern.

Courses of Instruction: History

HIS 115 INTRODUCTION TO WORLD HISTORY 3 CREDITS

A survey emphasizing non-Western world history: the rise of Middle Eastern, African, Indian, East and Southeast Asian, and pre-Columbian civilization to the fifteenth century.

HIS 116 MODERN WORLD HISTORY 3 CREDITS

The growing interactions between European and non-European civilizations from the 15th century to the emergence of global civilization in the 20th century.

HIS 120 THE EARLY AMERICAN EXPERIENCE, 1607-1877 3 CREDITS

PREREQUISITE: FRESHMAN OR SOPHOMORE STANDING

This introductory survey of American history covers the colonial period, the Revolution, early republic, expansion, slavery, Civil War, and Reconstruction. Emphasized are the social, economic and political forces that shaped the nation's early history.

HIS 121 THE RECENT AMERICAN EXPERIENCE, 1877-PRESENT

PREREQUISITE: FRESHMAN OR SOPHOMORE STANDING 3 CREDITS

The second part of the survey of American history considers the Gilded Age, World War I, the Roaring Twenties and the Great Depression, World War II, the Cold War, and more recent decades. Emphasized are the social, economic, and political forces that have shaped our immediate past.

HIS 200 HISTORICAL RESEARCH AND WRITING 4 CREDITS

This introduction to the study of history emphasizes the nature of historical questions, investigative techniques, research skills, and writing. It is required of all history majors and should be taken as soon as possible. It is highly recommended that it be taken prior to taking any 300- or 400-level history courses. For history majors only.

HIS 203 THE RENAISSANCE AND REFORMATION 3 CREDITS

This course will provide a broad overview of Europe from the mid 14th through 16th centuries (c. 1350-1600). It will examine the polities, societies and economics of Europe as they responded to significant intellectual, cultural, and material changes of the Renaissance and Reformation periods.

HIS 205 EUROPEAN HISTORY 1815-1914 3 CREDITS

Concentrates on the age of nationalism, internationalism, and imperialism. Studies the impact of the continuing and intensifying economic, social, intellectual and cultural transformation on the national, intra-European and on worldwide political and diplomatic relations.

HIS 206 20th-CENTURY EUROPE 3 CREDITS

The origins and consequences of the two World Wars, the inter-war years, European recovery and the Cold War.

HIS 221 NATIVE AMERICAN HISTORY 3 CREDITS

A survey of the history of Native Americans dealing with the historical development of native peoples and the impact of contact with European empires and settlers.

HIS 230 WESTERN CIVILIZATION BEFORE 1500 3 CREDITS

A survey of the Greco-Roman world, early Christianity, medieval society and civilization, the rise of modern economic forms, science and technology, and the development of the modern state.

HIS 231 WESTERN CIVILIZATION SINCE 1500**3 CREDITS**

The expansion of European influence, the Age of Reason and the Enlightenment, Absolutism and Revolution, Nationalism, Internationalism, Imperialism, the rise of modern ideologies and the struggle between democracy and totalitarianism.

HIS 241 THE AMERICAN FRONTIER**3 CREDITS**

The great expanse of America made the United States a frontier nation at least through the 1890s. This course explores the frontier with the celebrated men and women who shaped the West, including Capt. John Smith, Squanto, Daniel Boone, Lewis and Clark, Pontiac, Zebulon Pike, Buffalo Bill, and many others. The natural environment, exploration, Indian relations, pioneer settlements, and the fur trading, mining, and cattle frontiers are among topics covered.

HIS 243 CHURCHES AND THE MODERN CIVIL RIGHTS MOVEMENT**3 CREDITS**

This course analyzes the importance of churches in the Civil Rights Movement in the United States with a particular focus on the role of African American churches in this long historic movement. This course will also focus on some aspects of this freedom struggle led by the African American church in New England.

HIS 244 (WST 244) IMMIGRANT WOMEN**3 CREDITS**

This course will focus on the complex history of European, Asian, Spanish-speaking, and Caribbean women who immigrated to the United States from the 19th century to the present. Like all immigrants, women faced great difficulties. Yet their encounter with America was not the same as immigrant men. We will study the way their identity as women shaped the roles, opportunities, and experiences available to them in the family, the workplace, the community and the nation.

HIS 245 AFRICAN AMERICAN RELIGION**3 CREDITS**

This course discusses the growth of the African American Church and its impact on African American life. Focus will be given to the evolution of Christianity, Islam, indigenous African religions, and Judaism in the African American community. The major African American denominations will also be granted significant attention.

HIS 250 (NES 250) HISTORY OF NEW ENGLAND**3 CREDITS**

This course is designed to provide an overview of New England's cultural, economic, and political development from the colonial period to the present. The values, institutions, and ideas first found in New England often became the model for the rest of the country. Issues associated with the New England town, the growth of religion, industrialization, immigration, and urbanization are also discussed.

HIS 251 (AMS 251, ENG 251) INTRODUCTION TO AMERICAN SOCIETY**3 CREDITS**

NOTE: REQUIRED FOR THE AMERICAN STUDIES PROGRAM.

Major movements and concepts in American history, literature and the arts.

HIS 253 U.S. ENVIRONMENTAL HISTORY**3 CREDITS**

Introduces students to the environmental history of the United States from the pre-Columbian period to the present. It examines how Americans have transformed and adapted to their environment; how Americans have perceived nature; nature's role in shaping American

culture; the impact of climate change, disease and natural disasters on American history; the rise of conservationist and environmentalist movements in the United State over the past 150 years; and the role of government in both protecting and exploiting the environment.

HIS 255 INTRODUCTION TO LATIN AMERICA

3 CREDITS

This course focuses on the assimilation and transformation of Amerindian, African, and European cultures in Latin America from the 16th century to the present. It examines the political, cultural, and economic forces that have conditioned the development of institutions and ideas in Spanish and Portuguese America.

HIS 265 INTRODUCTION TO AFRICA

3 CREDITS

A survey of African history from the ancient to the colonial period.

HIS 271 (CAS 271) HISTORY OF CANADA

3 CREDITS

Why are Canadians different from Americans? Canada and the United States share a continent, an English heritage, and a heterogeneous population, yet history has shaped the two nations in quite different ways. This course explores those differences in an effort to come to terms with our neighbor to the north.

HIS 272 NEWS AND VIEWS

3 CREDITS

This discussion course analyzes contemporary national and international issues, such as poverty, drugs, crime and punishment, Third World debt, and the changing political and economic alignments in Europe. These events are followed in selected newspapers and news magazines, as well as on radio and television programs.

HIS 275 INTRODUCTION TO EAST ASIAN HISTORY

3 CREDITS

An introductory survey focusing on the major civilizations of East Asia, China and Japan, from the earliest periods to the mid-19th century. The course will consider the formation of distinctive societies and cultures, emphasizing the interaction of social, economic, and political forces with cultural values and ideas.

HIS 302 COLONIAL AMERICA

3 CREDITS

During the colonial period, many of the ideas, values, and institutions evident in American society today were introduced and developed. A regional approach will be taken to a discussion of such topics as community and institutional development, land and labor, conflict and rebellion, commercial versus subsistence economy, and the emergence of a unique political ideology.

HIS 303 REVOLUTION AND THE EARLY REPUBLIC, 1763-1828 3 CREDITS

The American Revolution transformed 13 colonies into an independent nation, and the Constitution laid the foundation for the new republic. Even so, it took several decades before the country was on firm ground. This most critical period of American history is viewed through the momentous social, political, and economic changes that accompanied the creation of the United States. There are no prerequisites, but HIS 120 or its equivalent is recommended.

HIS 305 ANTEBELLUM AMERICA, 1828-1860

3 CREDITS

The period between 1828 and 1860 was a tumultuous era in the United States. The nation experienced rapid economic growth, geographical expansion, sectional differences and political turmoil, culmination in civil war. This course emphasizes the political, economic, and social developments that help explain the growing divisions in the nation.

HIS 307 CIVIL WAR AND RECONSTRUCTION**3 CREDITS**

Did the United States develop a political and social identity in the early 19th century, or were people more concerned with state and regional issues than with national questions? What were the problems, tensions, and conflicts that both united and divided the various sections of the country in the decades preceding the Civil War? This course takes a regional approach in its examinations of the tensions and problems that led to the conflict.

HIS 310 GREAT ISSUES: A SURVEY OF AMERICAN HISTORY 3 CREDITS**PREREQUISITE: JUNIOR OR SENIOR STANDING**

United States history from the colonial period to the present is explored from the vantage point of enduring great issues, such as democracy, capitalism, and civil rights, among others. Issues change from semester to semester. This course is especially suited to upperclassmen with no previous college history and for those seeking teacher certification. HIS 310 may not be used to fulfill any history major requirements and is closed to students who have taken HIS 120 or HIS 121 or their equivalents.

HIS 313 THE GILDED AGE TO WORLD WAR I**3 CREDITS**

The United States underwent fundamental changes during the late 19th century that brought the nation to the verge of becoming a world economic and political power. This course considers such important topics as immigration, the growth of cities, industrialization, agricultural and labor unrest, America's debut as a world power, and the great reforms of the Progressive Era.

HIS 315 THE UNITED STATES BETWEEN THE WARS**3 CREDITS**

The Roaring Twenties introduced Americans to the wonders of the modern age, including the automobile, radio, air travel, motion pictures, home appliances, and consumer credit, but these fast-paced changes also caused problems. Tensions between rural and urban centers helped set the scene for the reemergence of the Ku Klux Klan, immigration restriction, conflict over Prohibition, market crash, the Great Depression that followed, New Deal efforts to come to terms with a shattered economy, and the coming of World War II.

HIS 316 UNITED STATES AFTER WORLD WAR II**3 CREDITS**

The post-World War II decades brought the United States to the height of its powers and to center stage in world affairs. At the same time, Americans at home experienced significant changes in their social and economic lives. Topics include the Cold War, the Korean and Vietnam wars, and the implications of Pax Americana as well as post-war conformity, the growth of suburban life, and the civil rights movement.

HIS 317 WOMEN AND FAMILY IN WESTERN SOCIETY**3 CREDITS**

This course examines the evolution of the family and women's roles in Europe from the Reformation to the 20th century. Important themes include education, childrearing, demographic changes, the household economy, changing gender roles, feminism, the effects of new ideologies on ideas of the family, and the development of the welfare state.

HIS 318 HISTORY OF U.S. FOREIGN RELATIONS**3 CREDITS**

A survey of United States foreign policy from the Revolution to the Cold War. Topics include the rise of the United States to superpower status, reactions to U.S. economic, political, and military power, and the development and consequences of the Cold War.

HIS 320 CONNECTICUT HISTORY**3 CREDITS**

The course examines the growth and development of Connecticut from the colonial period to the present. The settlement of Connecticut followed closely that of Massachusetts. Yet many people believe that it is different from the rest of New England, because Connecticut did not share fully the Yankee traditions, values, and institutions long associated with the rest of traditional New England. Just how unique is Connecticut?

HIS 321 AFRICAN AMERICAN HISTORY TO 1877**3 CREDITS**

A survey of the history of the African people in the United States from the African background through emancipation. Emphasis is on American slavery, abolition, Civil War, the free African American community, and Reconstruction.

HIS 322 AFRICAN AMERICAN HISTORY SINCE 1877**3 CREDITS**

This course emphasizes African American leadership, organizations, achievements, and struggles for equality in America since 1877. Major topics include Jim Crowism, migration, education, American imperialism, and African American involvement in the two world wars as well as the role of “black leadership” and the Civil Rights Movement.

HIS 325 THE EXPANSION OF NEW ENGLAND**3 CREDITS**

As New England pioneers moved west after the Revolution, they left the imprint of their section in a distinctive band across the northern part of the country. This course surveys the broad scope of transplanted New England culture from a historical perspective, with special attention paid to cultural geography, religion, politics, education, and reform. Previous courses in American history or New England studies are recommended.

HIS 327 DISASTERS IN AMERICA**3 CREDITS**

Violent natural and man-made events that have caused widespread physical destruction and death, such as hurricanes, earthquakes, fires and industrial accidents, have always been a part of American history. This course lays a foundation for inquiry into the meaning and significance of disasters in the United States from the colonial period to the present. Topics covered include causes, preparation, destruction, relief, recovery, and long-term responses. On a deeper level, the study of disasters reveals extraordinary insights into underlying values that characterize American society because people under duress often act upon their basic beliefs in direct and unequivocal ways that may not be evident under normal circumstances.

HIS 328 AMERICAN IMMIGRATION HISTORY**3 CREDITS**

This course explores the American immigrant experience since mid-19th century in both urban and rural settings. The course will consider migration patterns, ethnic community building processes, conflict in the communities, problems of religion, labor unionism, social mobility, immigration legislation, and emergence of pluralistic America.

HIS 329 INTRODUCTION TO THE HISTORY OF EAST CENTRAL EUROPE**3 CREDITS**

This course is an introduction to the history and culture of Eastern and Central Europe – a region which has experienced both a turbulent and fascination past. Through a study of a wide range of sources, the course will explore social, economic, political and cultural dimension of East/Central Europe from the middle ages to contemporary times.

HIS 330 TUDOR STUART BRITAIN**3 CREDITS**

Survey of British history from the War of the Roses to the Glorious Revolution. The course stresses social, political, and religious developments during a formative period of British history.

HIS 331 MODERN BRITAIN**3 CREDITS**

Survey of British history from the Glorious Revolution to the present. The course focuses on the rise and decline of the British Empire, the Industrial Revolution and its impact, and the development of the British political system.

HIS 333 ROMAN HISTORY**3 CREDITS**

History of the Roman world in both Italy and the provinces from the later Republic to the end of the Empire.

HIS 334 EARLY MIDDLE AGES**3 CREDITS**

History of Europe from the later Roman Empire to the tenth century.

HIS 337 HISTORY OF RUSSIA**3 CREDITS**

An introduction to the history of Russia from the Medieval period to World War II, focusing on the development of institutions and political systems and on the changing relationship between Russia and the West.

HIS 339 HISTORY OF MODERN GERMANY**3 CREDITS**

A survey of German history from the founding of the German state in 1871 through World War II and its aftermath. The course will emphasize the origins, development, and policies of the National Socialist dictatorship.

HIS 340 HISTORY OF THE AMERICAN SOUTH**3 CREDITS**

A history of the American South from the colonial period to the present emphasizing the evolution of the distinctive characteristics and values of southern society.

HIS 341 COLONIAL LATIN AMERICA**3 CREDITS**

Examines the establishment, consolidation and dismantling of the Spanish and Portuguese empires in the Western Hemisphere. Special attention is given to the interaction of Native Americans, Africans, and Iberians in forming Latin American social, economic and political traditions.

HIS 342 MODERN LATIN AMERICA**3 CREDITS**

The history of Spanish and Portuguese America from independence to the present.

HIS 345 HISTORY OF MEXICO**3 CREDITS**

Investigation of the forces that have shaped modern Mexico, from the Aztec and Maya kingdoms and the Spanish Conquest, to the Revolution and the emergence of modern Mexican society.

HIS 346 CENTRAL AMERICA**3 CREDITS**

Investigation of sources of tensions in modern Central America from Indian cultures through the breakup of the United Provinces of Central America into Guatemala, El Salvador, Honduras, Nicaragua and Costa Rica. The National Period is also covered. Social and economic roots of the region's problems will be stressed.

HIS 347 HISTORY OF BRAZIL**3 CREDITS**

An inquiry into the uniqueness of modern Brazil, giving special attention to the interplay of different races and cultures in the region since 1500.

HIS 350 EUROPEAN WARFARE, 1337-1815**3 CREDITS**

This course examines the history of European militaries and warfare from the beginning of the Hundred Years War through the era of the Napoleonic Wars. It will highlight the most significant wars and campaigns of the period and will also provide an overview of the ways in which war and warriors were shaped by their larger civilian context.

HIS 351 EUROPE AND THE GREAT WAR**3 CREDITS**

This course will provide an in-depth examination of Europe and World War I, the “Great War” of 1914-1918. Topics include the origins of the war, the development of the war on the military and home fronts, and its effects on the men and women of the war-time generation and postwar Europe.

HIS 352 HISTORY OF WORLD WAR II**3 CREDITS**

An examination of the origins and development of the Second World War in Europe and the Pacific, covering the military, economic, and social history of the war.

HIS 354 RENAISSANCE EUROPE**3 CREDITS**

This course surveys the Renaissance period in Europe, circa 1350 to circa 1500. It focuses particularly on Italy and the cultural developments of the Renaissance. It further traces the spread of Renaissance ideas and culture beyond the Alps into the rest of Europe.

HIS 355 REFORMATION EUROPE**3 CREDITS**

This course surveys Europe in the 16th century, focusing on religious and political developments, from Catholicism at the end of the Middle Ages to early Protestant movements, through the radicalization of Protestantism under Calvin and the Catholic response, to the period of religious wars of the late century. We will also discuss how Europeans at various levels responded to these unprecedented challenges.

HIS 356 OLD REGIME EUROPE**3 CREDITS**

This course surveys the history of Old Regime Europe during the 17th and 18th centuries. Although it will address a broad array of topics (politics, war and diplomacy; societies and economies; religion and science), it will revolve around two themes. First, it will analyze the broad European movements to reassert control over the increasing chaos of the late 16th century. Second it will analyze the various factors that slowly undermined this quest for stability up to the eve of Revolution of 1789.

HIS 357 FRENCH REVOLUTION AND NAPOLEON**3 CREDITS**

This course examines a pivotal period in world history, the era of European revolution at the end of the 18th century. It focuses on French political, social, intellectual, cultural, and military events from the 1780s through 1815. The impact of Revolutionary and Napoleonic France on Europe will also be discussed.

HIS 362 HISTORY OF WAR AND SOCIETY**3 CREDITS**

A course that examines the impact of war on society and the role of social organization and belief systems in shaping the ways that wars have been fought from the ancient period to the 20th century. Different sections of this course will emphasize different wars, such as the religious wars of the 16th century or the total wars fought in the 20th century Europe. May be repeated with a change of topic.

HIS 363 (WST 363) WOMEN IN MODERN HISTORY**3 CREDITS**

A special topics course that focuses on thematic issues in women’s history. Regardless of theme,

all sections will focus on the development of gender roles in past societies and the involvement of women in economic, political, and social institutions in the United States, Europe, Asia, or Latin America. Individual sections will focus on a particular time period and/or issue such as Victorian Women or Women and War. May be repeated with a change of topic.

HIS 365 SPECIAL TOPICS

3 CREDITS

Special areas of interest in U.S., European, or world history. Topics vary from semester to semester. Course may be repeated with a change of topic.

HIS 371 THE MAKING OF CHINA'S TRADITION

3 CREDITS

This course covers the formative epochs of China's traditional history from its beginnings to the mid 19th century. The course deals with the formation of a distinctively Chinese culture and polity as well as how that society was changed by interaction with other peoples and through internal transformations and innovations. The course ends with a consideration of the nature of Chinese society on the eve of the current era of revolution.

HIS 372 CHINA IN REVOLUTION

3 CREDITS

The century from the Opium Wars and the Taiping Rebellion to the success of the Communist Revolution was one of fundamental change in China. This course considers China's political, social, and cultural history from the mid-nineteenth to the mid 20th century, covering the fall of the last dynasty, the warlords and the Nationalist movement, the Japanese invasion, and the Communist movement.

HIS 373 MAO'S CHINA

3 CREDITS

This course follows the development of Communist China over the four decades of the Maoist period, from the Long March through the Cultural Revolution. It considers the legacy of the revolutionary war period and the problems involved in attempting to establish a socialist society while simultaneously engaging in economic development.

HIS 374 EARLY JAPAN

3 CREDITS

This course survey Japan's history from its earliest roots up to the nineteenth century, investigating Japanese values and cultures as they developed in the context of social, economic, and political, structures. The course will explore the interactions of indigenous values and religions with those from China and Korea, the emergence of a highly cultivated court aristocracy, and the long evolution of Japanese "feudalism," the land of samurai, the shogun, and Zen.

HIS 375 HISTORY OF JAPAN

3 CREDITS

Japan from earliest times to the present. The emphasis will be on the formation of the Japanese character and of Japanese society. In addition, the political, social, and economic history will be covered.

HIS 378 EARLY NORTHERN EUROPE

3 CREDITS

A survey of the early phases of the history of northern Europe, including the culture and society of the Celtic peoples, the impact of the Roman occupation, and the events which followed the arrival of the Teutonic peoples.

HIS 379 THE UNITED STATES IN THE MIDDLE EAST, 1900-PRESENT

3 CREDITS

This course examines the relationship between the United States and the Middle East in the 20th and 21st centuries. The course will begin with an assessment of early American interest in the region and will conclude by examining the Gulf Wars. Students will explore the disintegration of the Ottoman Empire, the European and American scramble for influence, the

Arab-Palestinian-Israeli conflict, Pan-Arabism, the politics of oil, the rise of fundamentalism, and the war in Afghanistan.

HIS 380 MODERN BLACK NATIONALISM

3 CREDITS

This course focuses specifically on the evolution of Black Nationalism in the United States since Booker T. Washington's national emergence in 1895. The course will also focus on the nationalism and integrationist debate.

HIS 381 NONVIOLENCE IN BLACK AMERICA

3 CREDITS

This course analyzes the historical development of the philosophy of nonviolence in the African American community. The course looks at the impact of nonviolence before, during, and after the civil rights movement. It also focuses on the impact of personalism, Ghandi, black theology of liberation, and other ideas on Dr. Martin Luther King and his supporters. A segment of the course deals with the struggles of nonviolent leaders to maintain stances on peace and nonviolence amidst the Vietnam War and calls for "Black Power."

HIS 382 THE VIETNAM WAR

3 CREDITS

The Vietnam War posed an unparalleled challenge to Americans—had our nation lost its way? In this class, we will examine the history of conflict with particular emphasis on global politics, read memoirs from those who were involved in it (soldiers and policy-makers), consider the effect of the war on American society, discuss the war's portrayal by the media, and assess its legacy since 1975.

HIS 385 INTRODUCTION TO PUBLIC HISTORY

3 CREDITS

This course introduces students to the study and practice of American public history, the kind of history presented to the general public through museums, historic sites, monuments, and popular media. It is aimed at students who want to organize and lead field trips to history museums and historic sites, who are interested in careers in public history, or who simply want to learn more about how history is presented to the public.

HIS 391 RELIGION, WAR AND PEACE IN EARLY MODERN EUROPE

3 CREDITS

This course examines the historical relationship between Christianity and war with an emphasis on early modern Europe. It traces the debate within Christianity over the use of religion to justify and condemn, facilitate and constrain the waging of war, as well as looking at how contemporaries explained and interpreted their actions in religious terms.

HIS 400 SEMINAR IN AMERICAN HISTORY

3 CREDITS

PREREQUISITES: 18 CREDITS IN HISTORY AND HIS 200

Selected topics in American history from the age of colonization to the contemporary period.

HIS 406 SEMINAR IN EUROPEAN HISTORY

3 CREDITS

PREREQUISITES: 18 CREDITS IN HISTORY AND HIS 200

Selected topics in European history since 1500. This course fulfills the LAC Tier III.

HIS 407 SEMINAR IN WORLD HISTORY

3 CREDITS

PREREQUISITES: 18 CREDITS IN HISTORY AND HIS 200

Discussion and guided research on a topic in the history of Asia, Africa, or Latin America. May be repeated for credit with a change of topic.

- HIS 420 (ENG 420, AMS 420) SEMINAR IN AMERICAN CIVILIZATION** **3 CREDITS**
 NOTE: FULFILLS THE SEMINAR REQUIREMENT FOR HISTORY/AMERICAN STUDIES MAJORS AND THIS COURSE FULFILLS THE LAC TIER III
 An advanced study assuming general familiarity with American history and literature and requiring interdisciplinary research.
- HIS 461 COLLOQUIUM IN AMERICAN HISTORY** **3 CREDITS**
 PREREQUISITE: HIS 200
 The colloquium is primarily an in-depth reading course in selected areas of American history, focusing on 1607-1860 or 1860-present. Specific topics vary from semester to semester. Students should have a basic foundation in United States history and have completed HIS 200. May be repeated for credit with a change of focus.
- HIS 462 COLLOQUIUM IN EUROPEAN HISTORY** **3 CREDITS**
 PREREQUISITE: HIS 200
 The colloquium is an in-depth reading course in selected areas of European history since 1500. Specific topics vary. Students should have had a basic survey in modern Europe and have completed HIS 200. May be repeated for credit with a change of focus.
- HIS 463 COLLOQUIUM IN WORLD HISTORY** **3 CREDITS**
 PREREQUISITE: HIS 200
 An in-depth reading course in special topics in Asian, African, or Latin American history or in comparative topics involving Western and non-Western cultures. May be repeated with a change of topic.
- HIS 470 HISTORY TRAVEL AND STUDY PREPARATION** **1 CREDIT**
 PREREQUISITE: CONSENT OF INSTRUCTOR AND SIX CREDITS OF HISTORY COURSES
 COREQUISITE: HIS 471 HISTORY TRAVEL AND STUDY
 This course provides the necessary background and preparation for HIS 470, History Travel and Study.
- HIS 471 HISTORY TRAVEL AND STUDY** **3 CREDITS**
 PREREQUISITE: CONSENT OF INSTRUCTOR; COREQUISITE: HIS 470
 This course provides opportunities for education travel to places of historic interest. Trips normally last eight to 10 days. Particular itineraries, travel dates, and arrangements vary each time the course is offered. HIS 470 must be taken in the same session. HIS 471 may be repeated with a different itinerary, but only three credits of HIS 471 may be applied to any history major or minor.
- HIS 480 INDEPENDENT STUDY** **3-9 CREDITS**
 PREREQUISITES: HIS 200 AND CONSENT OF INSTRUCTOR
 Research and analysis of a topic of concern to history.
- HIS 490 INTERNSHIP IN HISTORICAL RESEARCH** **3-15 CREDITS**
 PREREQUISITE: CONSENT OF DEPARTMENT

MATHEMATICS

Chairperson: *Marsha J. Davis*

Professors: *Marsha J. Davis, Salvatrice F. Keating, Mizan R. Khan*

Associate Professor: *Anthony Y. Aidoo, Peter A. Johnson, Bonsu M. Osei, Kim Ward, Christian L. Yankov*

Major: Mathematics (B.A./B.S.)

Objectives

The Mathematics major is designed to develop concepts and techniques for a liberal arts student interested in the general field of mathematics. Students plan an individualized program that will best suit their needs and goals in consultation with a faculty advisor from Mathematics. The student should consult with the department chairperson to choose an advisor. Students must have courses approved by their advisor each semester. Courses are designed for those who wish to pursue careers such as an actuary, a high school mathematics teacher, an elementary school teacher, technical careers in industry or government or for those who wish to attend graduate school.

Degree Requirements

The requirements are a total of 42 credits, as indicated below. In 300- or 400-level mathematics courses, either a minimum grade of C must be earned in each course or a minimum average of C+ must be earned in all courses. Students majoring in mathematics may substitute MAT 315 Applied Probability and Statistics for their Tier II Information Technology requirement.

Required Courses

MAT 230	Discrete Structures
MAT 243	Calculus I with Technology
MAT 244	Calculus II with Technology
MAT 300	Abstract Algebra
MAT 310	Applied Linear Algebra
MAT 315	Applied Probability and Statistics
MAT 340	Calculus III
MAT 380	Geometry
MAT 420	Real Analysis I
MAT 421	Real Analysis II
CSC 210	Computer Science and Programming I

Electives

Any two mathematics courses numbered over 300, but neither 303 nor any internships. Students who chose the elementary education option may use EDU 411, Methods in Elementary Mathematics and Science, as an elective. Mathematics majors who plan to apply for secondary mathematics certification should take MAT 372 Advanced Mathematics for High School Teaching.

Recommended Course Sequence: Mathematics Major (B.A. or B.S.)

Check all course descriptions for prerequisites before planning course schedule.

First Year

ENG 100	College Writing	3
Tier I requirements		12-15
MAT 130	Precalculus Mathematics	0-4
MAT 243	Calculus I with Technology	4
MAT 244	Calculus II with Technology	4
MAT 230	Discrete Structures	3
CSC 110	Introduction to Computing and Problem Solving	3
Total		30 credits

Second Year

Tier II requirements		12
Foreign Language		0-6
MAT 340	Calculus III	4
MAT 310	Applied Linear Algebra	3
MAT 380	Geometry	3
CSC 210	Computer Science and Programming I	3
Minor		0-3
Electives		0-3
Total		30 credits

Third Year

MAT 300	Abstract Algebra	3
MAT 420	Real Analysis I	3
MAT 3**		3
MAT 315	Applied Probability and Statistics	3
Minor		0-6
Electives		8-17
Total		30 credits

Fourth Year

MAT 420	Real Analysis I	3
MAT 421	Real Analysis II	3
MAT or CSC	Electives	6
Minor		0-6
Electives		12-15
Total		30 credits

Minor: Mathematics

The mathematics minor is designed to support a student's major program in at least one of several ways. It directly supports the growing number of disciplines which are quantitatively or logically oriented, such as biology, earth science, and economics. It directly supports any

discipline where logic and precise thinking are important. In elementary education, it provides a level of expertise which gives the student strong credentials to be a math leader in his or her school. At least nine credits in the minor cannot be used to fulfill any other university requirements.

Required Courses

MAT 230	Discrete Structures
MAT 243	Calculus I with Technology
MAT 244	Calculus II with Technology

Electives

Any three mathematics courses numbered 300 or higher, but not MAT 303.

Honors

All 400-level courses are honors courses.

Education Option

Students who will earn a liberal arts major in mathematics may be interested in the teaching profession. This is an option leading to a challenging and rewarding career.

Elementary Education Option

The Elementary Education Option in mathematics leads to certification in grades K-6. After earning this certification, students may teach in elementary school. For this option, you may use EDU 411 as one of the mathematics electives.

Secondary Education Option

The Secondary Education Option in mathematics leads to certification in grades 7-12. After earning this certification, students may teach in either middle or high school. For this option, MAT 372 Advanced Mathematics for High School Teaching is required.

Facilities

The department's mathematical computing facilities include a wide range of hardware and software. The department uses Maple, SPSS, Minitab, and Geometer's Sketchpad mathematical software in several of its courses. Students may access state-of-the-art computer facilities located on campus.

Courses of Instruction: Mathematics

MAT 098W ELEMENTARY ALGEBRA WITH WORKSHOP 4 CREDITS

Topics include linear equations and inequalities in one and two variables, systems of linear equations, exponents and polynomials, and factoring. In addition, this course includes review of pre-algebra topics such as working with fractions, decimals, percentages, and signed numbers. Cannot be used for graduation credit. Must be completed within the first 24 credits at Eastern. See policy on proficiency courses on page 69.

MAT 098 ELEMENTARY ALGEBRA 3 CREDITS

PREREQUISITE: PLACEMENT AT THIS LEVEL

Designed for students with no successful experience in the study of traditional algebra. The introduction of elementary algebra with selected topics from the usual first course in algebra. Cannot be used for graduation credit. Must be completed within the first 24 credits at Eastern. See policy on proficiency courses on page 69.

MAT 101W INTERMEDIATE ALGEBRA WITH WORKSHOP 4 CREDITS

PREREQUISITE: MAT 098 OR PLACEMENT AT THIS LEVEL

A review of selected topics from Elementary and Intermediate Algebra. Additional topics include a functional approach to the real number system, higher-degree equations and inequalities, functions and inverses, curve sketching, exponential and logarithmic functions, and analytic geometry. This course is four credits, of which three credits will count towards graduation.

MAT 101 INTERMEDIATE ALGEBRA 3 CREDITS

PREREQUISITE: MAT 098 OR PLACEMENT AT THIS LEVEL

NOTE: DESIGNED FOR STUDENTS WHO HAVE HAD ONLY ONE YEAR OF HIGH SCHOOL ALGEBRA OR WHO HAVE HAD LITTLE SUCCESS WITH SECOND-YEAR HIGH SCHOOL ALGEBRA.

A functional approach to the real number system, higher-degree equations and inequalities, functions and inverses, curve sketching, exponential and logarithmic functions, and analytic geometry.

MAT 120 ALGEBRA CONCEPTS IN CONTEXT 3 CREDITS

PREREQUISITE: OPEN TO BACHELOR OF GENERAL STUDIES STUDENTS ONLY

This course will help prepare students both for algebra they will meet in subsequent mathematics courses and for the mathematics they will use outside of academic contexts. The concepts of algebra are presented in realistic contexts and explored through a number of representations including verbal, symbolic, graphical and tabular. The focus is on the concept of function, with a thorough study of both linear and exponential functions.

MAT 130 PRECALCULUS MATHEMATICS 4 CREDITS

PREREQUISITE: MAT 101 OR PLACEMENT AT THIS LEVEL

A review of topics in algebra. An introduction to functions, inverse functions, exponential and logarithmic functions, trigonometry, analytic geometry.

MAT 135 MATH FOR LIBERAL ARTS 3 CREDITS

PREREQUISITE: MAT 101 OR PLACEMENT AT THIS LEVEL

Mathematics applied to solving practical problems in a variety of disciplines. Mathematical topics include but are not limited to voting theory and financial mathematics. Additional topics may be chosen at the discretion of the instructor.

MAT 139 NUMBER SYSTEMS 3 CREDITS

PREREQUISITE: MAT 101 OR PLACEMENT AT THIS LEVEL

A problem-solving approach is used in the study of sets and number systems. The natural numbers are extended to the integers, rationals, and the reals. Topics include elementary number theory, non-decimal systems, numeration, and computational algorithms in the elementary school. The course is designed and intended for future elementary school teachers, emphasizing the content/method connection.

MAT 140 SURVEY OF LOGIC, GEOMETRY, AND PROBABILITY 3 CREDITS

PREREQUISITE: MAT 139

A thorough introduction to logic is followed by a “point-set” approach to geometry and measurement. Topics include truth tables, valid arguments, congruence and similarity, coordinate geometry, and an introduction to probability and statistics.

MAT 203 STATISTICAL DECISIONS IN SOCIETY **3 CREDITS**

PREREQUISITE: MAT 101 OR PLACEMENT AT THIS LEVEL

NOTE: STUDENTS NEEDING STATISTICS AS A PRACTICAL TOOL SHOULD SELECT MAT 216.

An examination of the nature and use of statistics in society. Emphasis is placed on careful analysis of data using graphs and numerical measures, and on the study of chance variation of sample averages and percentages. Students will draw inferences from real data sets.

MAT 205 (ECO 300) MATHEMATICS FOR ECONOMICS **3 CREDITS**

PREREQUISITES: ECO 200 AND ECO 201

An introduction to matrix algebra and calculus, with applications to economic models, including static (equilibrium) analysis, comparative static analysis and optimization.

MAT 216 STATISTICAL DATA ANALYSIS **3 CREDITS**

PREREQUISITE: MAT 101 OR PLACEMENT AT THIS LEVEL

Multidisciplinary, data-driven course in applied statistics. Topics selected from exploratory data analysis (tables, graphs, central tendency and variation), correlation and regression, probability and statistical inference (confidence intervals and hypothesis testing). Emphasis placed on interpretation and analysis of real-data sets. Use of statistical computing software is integral to the course.

MAT 230 DISCRETE STRUCTURES **3 CREDITS**

PREREQUISITE: MAT 130 OR PLACEMENT AT THIS LEVEL

Introduction to set theory and logic, relations and functions, methods of proof.

MAT 243 CALCULUS I WITH TECHNOLOGY **4 CREDITS**

PREREQUISITE: MAT 130 OR PLACEMENT AT THIS LEVEL

Study of limits, continuity, differentiation and integration.

MAT 244 CALCULUS II WITH TECHNOLOGY **4 CREDITS**

PREREQUISITE: MAT 243

Techniques of integration, trigonometric and inverse functions, parametric equations, infinite series.

MAT 300 ABSTRACT ALGEBRA **3 CREDITS**

PREREQUISITE: MAT 230

NOTE: THIS COURSE SHOULD BE TAKEN BY STUDENTS PLANNING TO DO GRADUATE STUDY IN COMPUTER SCIENCE.

Introduction to algebraic systems, Boolean algebra, design of logic circuits, group theory, fundamental isomorphism theorems.

MAT 303 MATHEMATICS FOR POETS **3 CREDITS**

NOTE: PHI 120 IS RECOMMENDED.

The role of mathematics in Western civilization, examined through its contributions to philosophy, religion, music, art and aesthetics. The course is primarily non-computational, emphasizing the underlying nature of mathematics.

- MAT 310 APPLIED LINEAR ALGEBRA** **3 CREDITS**
PREREQUISITES: MAT 230 & MAT 243/244
Matrices and determinants, vector spaces, linear transformations, eigenvalues, and eigenvectors, with emphasis on applications.
- MAT 315 APPLIED PROBABILITY AND STATISTICS** **3 CREDITS**
PREREQUISITE: MAT 244
Applied probability and statistics (both descriptive and inferential), including random variables and their distributions and applications of standard statistical techniques.
- MAT 340 CALCULUS III** **4 CREDITS**
PREREQUISITE: MAT 244
Vector and multidimensional calculus; theory of limits.
- MAT 341 DIFFERENTIAL EQUATIONS** **3 CREDITS**
PREREQUISITE: MAT 244
Methods of solution of ordinary differential equations; applications in mathematics and science.
- MAT 345 OPTIMIZATION** **3 CREDITS**
PREREQUISITE: MAT 243
Introduction of optimization techniques in Management Science. Core topics include linear programming (graphical and computer solutions), integer programming, and nonlinear programming. Emphasis placed on modeling and computer solutions.
- MAT 350 (CSC 350) NUMERICAL ANALYSIS** **3 CREDITS**
PREREQUISITES: CSC 210 OR CSC 231 AND MAT 244
Computer solution of problems of interpolation, approximation, numerical integration, polynomial and differential equations and systems of linear equations.
- MAT 353 (CSC 353) INTRODUCTION TO WAVELET THEORY AND APPLICATIONS** **3 CREDITS**
PREREQUISITES: CSC 210 OR CSC 231 AND MAT 244
An introduction course to the most recently developed wavelet theory and applications by using real-world examples and computer-assisted visualization. The primary audience is student with interests in engineering, applied mathematics and statistics.
- MAT 360 TOPICS IN MATH** **3 CREDITS**
PREREQUISITE: CONSENT OF INSTRUCTOR
NOTE: CAN BE TAKEN MORE THAN ONCE FOR CREDIT.
The treatment of special topics in mathematics and their adaptation in various types of mathematics problems. Emphasis is on the development of the basic concepts in each topic.
- MAT 370 OPERATIONS RESEARCH** **3 CREDITS**
PREREQUISITES: MAT 315, CSC 111 OR 131
Mathematical models, linear programming, queuing theory, computer simulation, game theory, and other topics as time permits.

MAT 372 ADVANCED MATHEMATICS FOR HIGH SCHOOL TEACHING

3 CREDITS

PREREQUISITE: MAT 230, MAT 244, MAT 380 and at least on other MAT course at 300 or 400 level.

Students investigate secondary mathematical topics from advanced viewpoint. The course will integrate advanced mathematical thinking from calculus, geometry, abstract algebra, discrete mathematics, applied probability and statistics with the mathematical content typically taught at the secondary level.

MAT 375 (AST 375) MATHEMATICAL ASTRONOMY AND ASTROPHYSICS

3 CREDITS

PREREQUISITE: MAT 340

Mathematical problems in cosmology, astrophysics, and celestial mechanics.

MAT 380 GEOMETRY

3 CREDITS

Development of both theoretical and practical concepts related to Euclidean and non-Euclidean geometry.

MAT 420 REAL ANALYSIS I

3 CREDITS

PREREQUISITES: MAT 230 AND MAT 244; RECOMMENDED MAT 300

A rigorous study of the real number system including equivalent formulations of the completeness axiom, limits, sequences, continuity, and uniform continuity.

MAT 421 REAL ANALYSIS II

3 CREDITS

PREREQUISITE: MAT 420

A study of the theory of differentiation, infinite series, integration, uniform convergence, and metric spaces.

MAT 422 ADVANCED TOPICS IN ANALYSIS

3 CREDITS

PREREQUISITE: MAT 420

Selections from the following: measure and integration, a rigorous introduction to the theory of probability, abstract spaces, and various kinds of differentiation.

MAT 440 TOPOLOGY

3 CREDITS

A study of the basic notions of point-set topology, bases and sub-bases, continuity, topological equivalence, countability, separation axioms, compactness, product spaces, connectedness, completeness, and function spaces. Co-requisite: MAT 420

MAT 450 COMPLEX VARIABLES

3 CREDITS

PREREQUISITE: MAT 420

Complex numbers, analytic functions, integration and differentiation of functions of a complex variable, Cauchy's integral theorem, power series.

MAT 480 INDEPENDENT STUDY

3 CREDITS

PREREQUISITE: APPROVAL OF DEPARTMENT CHAIRPERSON AND DEAN

MAT 490 INTERNSHIP IN COLLEGE TEACHING

2 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

By invitation only. Can be taken more than once for credit. Graded on a credit/no credit basis.

PERFORMING ARTS

Chairperson: *David Pellegrini*

Professors: *Ellen Faith Brodie, Anthony Cornicello, Okon Hwang, Robert M. Lemons*

Associate Professors: *David Belles, Richard Jones-Bamman,*

Assistant Professors: *Jennifer Ashe, Jeff Calissi, J.J. Cobb, Robert Sweetnam*

BACHELOR OF ARTS IN MUSIC

TOTAL CREDITS: 42 Total (Only grades of “C” or higher will count toward the major)

REQUIRED:* 24 Total

MUS 205/215/206/216	Music Theory I/II and Sight-Singing /Ear-Training I/II	8
MUS 235/236	Western Music History I/II	6
MUS 335	Ethnomusicology Survey	3
MUS 103/106/107	Ensemble	4
MUS 302	American Popular Music (WRT 075)	3

**Every student who is pursuing a B.A. in Music at Eastern must pass the Keyboard Proficiency Exam.*

CONCENTRATION: 18 Total (12 credits and MUS 490 in concentration;
3 elective credits in another concentration area)

A. Performance**

- a. MUS 217 Class Voice II
- b. MUS 317 Class Voice III
- c. MUS 212 Class Percussion
- d. MUS 214 Class Piano II
- e. MUS 256 Class Piano III
- f. MUS 218 Class Guitar II
- g. MUS 356 Individual Music Instruction: 1.5 or 3 credits
- h. MUS 456 Individual Music Instruction: 3 credits
- i. MUS 220/320 Beginning/Advanced Conducting
- j. MUS 113 Ensemble
- k. MUS 365 Special Topics in Music
- l. MUS 480 Independent Study in Music
- m. MUS 490 Senior Project in Music

***Students in the Performance concentration are required to complete 6 credits of MUS 456. Admission to MUS 456 is contingent upon successful completion of juries, or permission of instructor.*

B. Theory/Electronic Music/Composition

- a. MUS 230 Experimental Music
- b. MUS 309 Music Theory III

- c. MUS 350 Electronic Music II
- d. MUS 356 Individual Music Instruction
- e. MUS 365 Special Topics in Music
- f. MUS 372 Multimedia Composition
- g. MUS 456 Individual Music Instruction
- h. MUS 480 Independent Study in Music
- i. MUS 490 Senior Project in Music

C. Global Perspectives in Music History and Criticism

- a. MUS 227 All That Jazz
- b. MUS 304 Music of 20th Century
- c. MUS 308 Opera
- d. MUS 310 Music in America
- e. MUS 314 Folk Music
- f. MUS 330 Korean Music and Culture
- g. MUS 365 Special Topics in Music
- h. MUS 480 Independent Study in Music
- i. MUS 490 Senior Project in Music

Minor in Music: Students wishing to pursue a minor in music may do so by completing 18 credits:

Required: (9 Credits)

MUS 205/215	Theory and Sight-Singing I	4
MUS 235/236	Music History I OR II	3
MUS 103/106/107	Ensemble	2

Electives: (9 Credits, chosen from at least two of the following areas)

A. Performance - choose from the courses listed in the corresponding concentration

B. Electronic Music/Theory/Composition - choose from the courses listed in the corresponding concentration; MUS 206/216 may also count toward a minor in this area

C. Global Perspectives in Music History and Criticism - choose from the courses listed in the corresponding concentration

BACHELOR OF ARTS IN THEATRE

The Theatre major consists of two parts (for a total of 42 credits)

- I. Required Core Courses (24 credits)

II. Concentration Electives (18 credits)

No grade of less than 2.0 (C) may be counted toward degree requirements for Theatre majors or minors

1. **Required Core Courses** (24 credits) Students are required to complete 24 credits of specifically designated THE required core courses as listed below.
2. **Concentration Electives** (18 credits) Students must select one of the discipline concentrations and complete 15 credits in the concentration chosen and 3 credits in another concentration. Students may choose one of the following: Acting and Directing; History, Theory, and Criticism; or Theatre Technology and Design.

To note: Theatre majors may use one core requirement or elective to satisfy the TIER I Arts-in-Context category of the LAC, and one core requirement or elective to satisfy the TIER II Creative Expressions category of the LAC. Theatre majors are required to take a THE capstone course within Tier III of the LAC.

DEGREE REQUIREMENTS

I. REQUIRED CORE COURSES

Through completion of these required courses, students gain a global perspective on the societies throughout history that fostered theatrical activity; explore the creative process of play production as inspired by the director's vision and realized by the creative and technical staff; develop vocal and physical skills through the communicative act of performing literature; and acquire hands-on practical experience through onstage, backstage and front-of-house activities.

REQUIRED CORE COURSES: 24 credits total (3 credits each)

- THE 172 Acting I for Majors
- THE 267 World Theatre I: Ancient through 17th Century
- THE 268 World Theatre II: 17th Century through Present
- THE 270 Introduction to Directing
- THE 275 Technical Theatre
- THE 373 Dramatic Theory and Criticism (Writing Intensive)
- THE 392 Practicum In Theatre

And please choose 1 of the following with advice and approval of Advisor:

- THE 472 Auditioning for Stage and Screen
- THE 475 Theatre on Tour: Short Stay
- THE 476 Theatre on Tour: Long Stay
- THE 480 Independent Study In Theatre
- THE 495 Internship in Theatre

Theatre minor (18 credits): Students may earn a Theatre minor by completing the following

courses:

- THE 170 Introduction to Theatre
- THE 267 World Theatre History I: Ancient through 17th Century
- THE 268 World Theatre History II: 17th Century through Present
- THE 270 Introduction to Directing
- THE 275 Technical Theatre

And one 300-level or 400-level course selected from the concentration electives listed below

II. CONCENTRATION ELECTIVES

Through more in-depth study of history, theory, and performance as offered in the following courses, students have the option to further develop performance skills; explore the global spectrum (both western and non-western) of theatrical production; and experience the creative process of theatre technology and design; while developing an appreciation for and commitment to the collaborative process.

CONCENTRATION ELECTIVES: 18 credits total (3 credits each)

(Please choose 15 credits in one concentration; 3 credits in another)

A. Acting and Directing

- THE 171 Improvisational Theatre
- THE 173 Dance for the Actor (or DNC 232, DNC 236, and DNC 242)
- THE 174 Stage Voice
- THE 175 Stage Combat
- THE 271 Advanced Directing
- THE 273 Advanced Acting
- THE 360 Theatre in the Elementary Classroom
- THE 361 Musical Theatre Performance
- THE 372 Great Roles: Period Styles of Acting
- THE 374 Great Scripts: Period Styles of Directing
- THE 376 Reader's Theatre
- THE 470 Children's Theatre

B. History, Theory and Criticism

- THE 269 Asian Theatre and Performance
- THE 308 (ENG 308) Playwriting (or COM 357 or COM 358 Scriptwriting)
- FLM 321 World Cinema
- THE 369 American Theatre

- THE 375 Contemporary World Theatre and Performance
- THE 365 Special Topics In Theatre (re: History, Theory, and Criticism)
- THE 474 Experimental Theatre: Theory and Performance

C. Theatre Technology and Design

- THE 276 Designing for the Stage
- THE 277 Computerized Drafting for the Stage
- THE 278 Costume Design and Technology
- THE 280 Theatre Lighting Technology and Design
- THE 281 Theatre Sound Technology and Design
- THE 365 Special Topics In Theatre (re: Tech. Theatre and Design)
- THE 366 Stage Management

COURSES OF INSTRUCTION: PERFORMING ARTS

FFAH 230 FINE ARTS APPRECIATION

3 CREDITS

An interdisciplinary course employing various modes of instruction including lecture, discussion groups, field trips and use of media. Exposes students to live experiences in the five major areas of art, dance, film, music, and theatre.

FLM 101 INTRODUCTION TO FILM

3 CREDITS

The study of film as an artistic, entertainment, and communication medium, with emphasis on its basic formal elements. Films of varying lengths from various countries will be screened and analyzed.

FLM 321 FILM APPRECIATION: AMERICAN CINEMA

3 CREDITS

Students sharpen their visual perception, learn to discuss and analyze the content of film art, and to place film in its cultural and historical perspectives.

FLM 322 WORLD CINEMA

3 CREDITS

Students will create, present, or produce a major project appropriate to their discipline under faculty direction. The projects will be publicly displayed or performed and students will explain the contextual significance of their work in accompanying oral or written presentation. The project represents the academic and artistic culmination of the Performing Arts major.

COURSES OF INSTRUCTION: MUSIC

MUS 100 FUNDAMENTALS OF MUSIC

3 CREDITS

This course introduces students to key concepts, terminology, and methodologies used when considering musical notation systems, as well as how to apply these concepts to musical composition.

MUS 103 CHORUS

1 CREDIT

NOTE: COURSE MAY BE REPEATED FOR CREDIT.

Performance of representative choral literature for mixed voices.

MUS 106 GOSPEL CHOIR**1 CREDIT**

NOTE: COURSE MAY BE REPEATED FOR CREDIT.

Emphasis upon the singing and understanding of Gospel music. No experience or audition necessary. Performances given on and off campus. Course may be repeated for credit.

MUS 107 CONCERT BAND**1 CREDIT**

NOTE: COURSE MAY BE REPEATED FOR CREDIT.

Concentration on rehearsal techniques and concert performances or representative original and transcribed band literature. Pep Band and Ensemble personnel are selected from this organization.

MUS 113 MUSIC ENSEMBLE**0.5 CREDIT**

PREREQUISITE: CONSENT OF INSTRUCTOR

NOTE: COURSE MAY BE REPEATED FOR CREDIT.

Various performance ensemble opportunities for instrumentalists and vocalists.

MUS 117 INTRODUCTION TO VOICE STUDIES**3 CREDITS**

This course will cover the basic principles of singing, focusing on key concepts, terminology and methodologies used when evaluating solo and ensemble singing, as well as application of these fundamental concepts to the student's own singing voice.

MUS 120 INTRODUCTION TO MUSIC HISTORY**3 CREDITS**

Designed to improve student's ability as perceptive listeners through the study of music of the western world.

MUS 130 MUSIC CULTURES OF THE WORLD**3 CREDITS**

A survey of characteristic traditional, classical, and popular musical genres from several regions of the world. Lectures and course materials emphasize the context of musical performance among the different cultures examined.

MUS 205 THEORY OF MUSIC I**3 CREDITS**

PREREQUISITE: MUS 100

Basic music theory and its application with instruction in written harmony, sight reading, form analysis, and composition.

MUS 206 THEORY OF MUSIC II**3 CREDITS**

PREREQUISITE: MUS 205

Continuation of MUS 205.

MUS 211 CLASS PIANO I: INTRODUCTORY LEVEL**3 CREDITS**

Introductory class piano based on basic keyboard techniques and experience for the students who have never studied keyboard instruments.

MUS 212 CLASS PERCUSSION I**3 CREDITS**

PREREQUISITE: LAC STUDENT WITH T1A OR T1LT COURSE OR GER STUDENT

Students will learn basic performance techniques and concepts inclusive of snare drum, timpani, keyboard and a variety of accessory instruments (cymbals, tambourine, triangle, etc.). The class will allow students interested in instrumental studies to broaden their knowledge of a field beyond their individual instrument and interest.

MUS 213 GUITAR CLASS I**3 CREDITS**

Basic principles of playing the guitar applied to accompanying and solo performance. Note reading, basic chords and finger style accompaniment patterns are included. Students must provide their own instrument.

MUS 214 CLASS PIANO II: INTERMEDIATE LEVEL**3 CREDITS**

PREREQUISITE: MUS 211 OR CONSENT OF INSTRUCTOR
NOTE: COURSE MAY BE REPEATED FOR CREDIT.

A continuation of basic principles of piano as introduced in MUS 211 Class Piano I.

MUS 215 SIGHT SINGING AND EAR TRAINING LAB I**1 CREDIT**

Lab to accompany MUS 205.

MUS 216 SIGHT SINGING AND EAR TRAINING LAB II**1 CREDIT**

PREREQUISITE: MUS 215

Lab to accompany MUS 206.

MUS 217 INTRODUCTION TO VOICE PERFORMANCE**3 CREDITS**

NOTE: COURSE MAY BE REPEATED FOR CREDIT.

A study of beginning vocal techniques as applied in solo and ensemble singing.

MUS 218 GUITAR CLASS II**3 CREDITS**

PREREQUISITE: MUS 213 OR CONSENT OF INSTRUCTOR

NOTE: MAY BE REPEATED FOR CREDIT. STUDENTS WITH PREVIOUS EXPERIENCE MAY AUDITION FOR GUITAR II WITHOUT HAVING TAKEN GUITAR I.

A continuation of basic principles of guitar playing as introduced in MUS 213 and an introduction to classical-style guitar playing.

MUS 220 INTRODUCTION TO CONDUCTING**3 CREDITS**

PREREQUISITE: MUS 100

Students will learn the basic concepts of how to influence sound through gesture. The physical aspect of conducting will be the focus of the course. Conventional beat patterns in simple and compound time signatures (4/4, 3/4, 2/4, 6/8) will be covered, plus use of the left hand to shape musical line and reflect non-rhythmic elements (dynamics, phrasing, breathing, articulation, cueing, etc.). Basic score study will also be included.

MUS 227 ALL THAT JAZZ**3 CREDITS**

An introduction to jazz, through lecture, listening and discussion. Students will examine the cultural and musical roots of what has been called America's most original art form, trace the stylistic evolution of jazz, and consider the many ways jazz has influenced other musical genres, both in America and globally.

MUS 230 EXPERIMENTAL MUSIC**3 CREDITS**

An examination of the history, techniques, and philosophy of experimental and electronic music. Composers and their works will be discussed in preparation for individual creative projects in experimental music.

MUS 235 SURVEY OF EUROPEAN ART MUSIC I: ANTIQUITY TO 1750**3 CREDITS**

PREREQUISITE: MUS 120 OR MUS 100

An historical survey of European art music from the medieval through the baroque period.

MUS 236 SURVEY OF EUROPEAN ART MUSIC II: 1750 TO THE PRESENT**3 CREDITS**

PREREQUISITE: MUS 120 OR MUS 100

An historical survey of European art music from the classical period to the present.

MUS 250 ELECTRONIC MUSIC I**3 CREDITS**

An introduction to the electronic medium. This course emphasizes the instruction in studio procedure and the creative process.

MUS 256 CLASS PIANO III ADVANCED LEVEL**3 CREDITS**

PREREQUISITE: MUS 214 OR CONSENT OF INSTRUCTOR.

NOTE: MAY BE REPEATED FOR CREDIT

This course is a continuation of Class Piano II.

MUS 302 AMERICAN POPULAR MUSIC**3 CREDITS**

PREREQUISITES: MUS 120 OR MUS 130

This course is an historical survey of the American popular music industry, from the early 19th century to the present. Emphasis is given to the unique relationship between popular music genres and contemporary socio-political, economic and technological developments. (Fulfills writing intensive requirement WRT 075)

MUS 304 MUSIC OF THE 20th CENTURY**3 CREDITS**

Varieties of modern music from the post-romantics and impressionists to the present.

MUS 308 OPERA**3 CREDITS**

Opera from the 1600s to the present. The interdisciplinary aspects of opera will be stressed, relating the components which constitute the genre: literature, music, dance, staging, lighting, costumes, history, social political and mythology.

MUS 309 THEORY OF MUSIC III**3 CREDITS**

PREREQUISITE: MUS 205 AND 206

Advanced musical analysis, including the study of chromatic harmony, and an investigation of musical forms.

MUS 310 MUSIC IN AMERICA**3 CREDITS**

PREREQUISITE: MUS 120

Historical and cultural development of American music including study of primitive music, folk and classical traditions, jazz, and Latin American music. Specific problems and research according to individual interest.

MUS 314 FOLK MUSIC**3 CREDITS**

Folk music of many different traditions is examined. Emphasis is placed upon tracing the roots of folk traditions.

MUS 317 CLASS VOICE III: ADVANCED VOICE **3 CREDITS**

A continuation of the singing techniques learned in Class Voice II. This course addresses inherent singing issues and vocal demands required to perform selected repertoire from musical theatre literature: extreme requirements of vocal range, non-classical stage presence, recitative style singing typical in verse/refrain forms typical in classical musical theatre (i.e. Rodgers and Hammerstein), singing for the more contemporary musical theatre repertoire (i.e. Sondheim), and working with an accompanist.

MUS 320 ADVANCED CONDUCTING **3 CREDITS**

PREREQUISITE: MUS 220

A continuation of Introduction of Conducting. The main focus will be on thinking critically about music and how gesture reflects the composer's and conductor's intent. The course will encompass advanced physical gestures to influence sound, in addition to musical score analysis. General rehearsal techniques, as well as techniques regarding demands specific to vocal and instrumental ensembles will be addressed.

MUS 330 KOREAN MUSIC AND CULTURE **3 CREDITS**

Examination of Korean music in its broader cultural setting, emphasizing the inter-relationships between the role of music as an expressive, assertive, as well as reflective, form of art and various other elements, including historical, religious, political, geographical, ideological, social and international factors.

MUS 335 INTRODUCTION TO ETHNOMUSICOLOGY **3 CREDITS**

PREREQUISITE: MUS 130

This course is designed to introduce students to ethnomusicology, an interdisciplinary approach to the study of music that focuses on the people who create, perform, consume and generally participate in musical expression.

MUS 350 ELECTRONIC MUSIC II **3 CREDITS**

PREREQUISITE: MUS 250 OR CONSENT OF INSTRUCTOR

A study of advanced techniques employed in the composition of electronic music. Students prepare special projects in collaboration with others in fields of art, film, and dance.

MUS 356 INDIVIDUAL MUSIC INSTRUCTION **5 - 6 CREDITS**

PREREQUISITE: CONSENT OF INSTRUCTOR OR CHAIRPERSON

NOTE: STUDENTS MUST SUCCESSFULLY AUDITION AT AN ADVANCED LEVEL TO BE ACCEPTED FOR STUDY. A PERFORMANCE HEARING IS REQUIRED AT THE END OF EACH SEMESTER OF STUDY. ADDITIONAL FEES MAY BE NECESSARY.

Instruction in the study of brass, woodwind, string, percussion and keyboard instruments or voice is offered at an advanced level. Representative works of all major periods will be studied.

MUS 360 ADVANCED ELECTRONIC MUSIC COMPOSITION **3 CREDITS**

MUS 365 SPECIAL TOPICS IN MUSIC **3 CREDITS**

A course in which special topics of interest in music provides the content.

MUS 370 MUSIC IN ELEMENTARY CLASSROOM I **1 CREDIT**

A five-week course for elementary school pre-service teachers introducing activities for the inclusion of music in elementary school classrooms.

MUS 372 MULTIMEDIA COMPOSITION**3 CREDITS**

From video games to movie soundtracks, from sound installations to interactive conceptual works: students taking Multimedia Composition will learn how to integrate visual elements with music.

MUS 395 PRACTICUM IN MUSIC**CREDITS TO BE ARRANGED**

PREREQUISITE: CONSENT OF INSTRUCTOR AND APPROVAL OF DEPARTMENT CHAIRPERSON AND DEAN

An application of skills in course work and research in which students have the opportunity to participate in practical situations in various areas of music. Typical examples of practica include concert management, electronic and recording studio management, and piano pedagogy.

MUS 456 INDIVIDUAL MUSIC INSTRUCTION**3 CREDITS**

PREREQUISITE: CONSENT OF INSTRUCTOR OR CHAIRPERSON

Instruction in the study of brass, woodwind, sting, percussion and keyboard instruments or voice is offered at an advanced level. Representative works of all major periods will be studied. It is possible to receive approval for college credit for off-campus private instruction. Students must make financial arrangements. A written request for special permission is required.

MUS 480 INDEPENDENT STUDY**CREDITS TO BE ARRANGED**

PREREQUISITE: CONSENT OF INSTRUCTOR AND APPROVAL OF DEPARTMENT CHAIRPERSON AND DEAN

Independent investigation of literature and research in a topic area conducted under the guidance of the instructor.

MUS 490 SENIOR PROJECTS**3 CREDITS**

PREREQUISITE: PERMISSION OF INSTRUCTOR

MUS 495 INTERNSHIP IN MUSIC**CREDITS TO BE ARRANGED**

PREREQUISITE: CONSENT OF INSTRUCTOR AND APPROVAL OF DEPARTMENT CHAIRPERSON AND DEAN

Advanced students may participate in an internship off campus or in special programs on campus, which allows them to work with qualified persons in conjunction with the faculty. These internships may be in various areas of music such as management, performance, and teaching.

COURSES OF INSTRUCTION: THEATRE**THE 170 INTRODUCTION TO THEATRE ARTS****3 CREDITS**

An investigation of the theatre arts. Discussion of the roles of the director, producer, actors, designers, dramatists, and audience. Plays will be read to serve as common ground for discussion. Students will attend plays and critique them.

THE 171 IMPROVISATIONAL THEATRE**3 CREDITS**

Students will learn techniques of improvisational acting through individual and group physical and vocal exercises, theatre games and scene work in order to free the actor's creative impulse.

THE 172 ACTING I FOR MAJORS**3 CREDITS**

An introductory acting class for theatre majors/minors interested in developing type and anti-type characters for scenes study. Beginning audition techniques will be explored. Culminates in a public performance.

THE 173 DANCE FOR THE ACTOR**3 CREDITS**

This course is an experiential introduction to dance performance techniques and vocabulary (i.e. ballet, modern, jazz, and tap) to help prepare actors to dance in shows.

THE 174 STAGE VOICE**3 CREDITS**

An introduction to the basic techniques of voice, speech and diction for the stage. Exercises in relaxation, breathing, articulation and mouth warm-up will be introduced.

THE 175 STAGE COMBAT**3 CREDITS**

A course designed to give actors and directors the skills necessary for the performance of physical acts of violence onstage in a safe and believable manner. Techniques of unarmed, rapier and dagger fighting are covered. This is an extremely physical course and participants must come prepared to move.

THE 225 SET CONSTRUCTION**3 CREDITS**

PREREQUISITE: PERMISSION OF THE INSTRUCTOR

This course combines formal instruction in set construction, theatre safety, the use of basic hand and power tools with a hands-on opportunity to construct the scenery associated with theatre productions. Concurrent enrollment in THE 275 is required.

THE 267 WORLD THEATRE HISTORY: ANCIENT TO 17th CENTURY**3 CREDITS**

Surveys production practices, audiences, and representative texts, documents, and artifacts from a global perspective. Focus on the emergence of national performance traditions within sociocultural contexts.

THE 268 WORLD THEATRE HISTORY: 17th CENTURY TO THE PRESENT**3 CREDITS**

Surveys production innovations, audiences, and representative performance texts and documents. Emphasizes theatre as a site of changing concepts of modernity.

THE 269 ASIAN THEATRE AND PERFORMANCE**3 CREDITS**

Examines traditional, modern and contemporary East Asian performance, theatre and drama, within political, sociocultural and religious contexts.

THE 270 INTRODUCTION TO DIRECTING**3 CREDITS**

An introduction to directing. Interpretation, blocking, rehearsal procedures, and actor training are stressed. Scenes are directed for the class.

THE 271 ADVANCED DIRECTING**3 CREDITS**

PREREQUISITE: THE 270

Contemporary scripts will be analyzed and conceptualized by student directors through written analysis, class discussions, and the staging of one-act plays as final projects.

THE 272 INTRODUCTION TO ACTING**3 CREDITS**

Vocal and physical exercises, improvisations, and scenes are employed in order to master the techniques and methods of character development.

THE 273 ADVANCED ACTING**3 CREDITS**

PREREQUISITE: THE 272

By presenting scenes from contemporary plays, students will further explore characterization and staging techniques learned in Introduction to Acting. Scene work may include work on monologues, dialogues and as an ensemble.

THE 275 TECHNICAL THEATRE**3 CREDITS**

Lecture/discussion introduction to theatre technology. Topics include safety, tools, materials, documents and procedures for scenic construction. The subjects of lighting and sound technology and scene painting are introduced as well. This is a hands-on class that requires work hours in the theatre outside of class time.

THE 276 DESIGNING FOR THE STAGE**3 CREDITS**

Explores the fundamental ideas, principles and techniques of design for the theatre, particularly scenic and costume design, through a hands-on approach.

THE 277 COMPUTERIZED DRAFTING**3 CREDITS**

An introduction to the computerized drafting program SketchUp. This intuitive program allows for the creation of scaled two- and three- dimensional drawings. This class explores the general practices of formal drafting and involves the creation of multiple drawings designed to progressively familiarize students with the many features of this simple, but very powerful, software program.

THE 278 COSTUME DESIGN AND TECHNOLOGY**3 CREDITS**

An introduction to theatre costume technology and design. Topics explored will include tools and materials of the trade; techniques for the cutting, draping, and construction of theatre costumes; rendering techniques, script analysis; and the process of creating a set of costume designs. Requirements of this course might entail outside class time.

THE 280 THEATRE LIGHTING TECHNOLOGY AND DESIGN **3 CREDITS**

An introduction to theatre lighting. Topics covered will include electricity, lighting instruments, circuiting, the computer software associated with theatre lighting design, and the control of lighting instruments through both simple dimmers and task specific computers. The second portion of the class will explore the aesthetic aspects of theatre lighting design and will involve practical exercises and design projects. Hands-on work in the theatre outside of class time is an important aspect of this class.

THE 281 THEATRE SOUND TECHNOLOGY AND DESIGN **3 CREDITS**

An exploration of the tools, techniques, aesthetics and technology associated with the fields of sound re-enforcement, production and design. Class will involve hands-on work with sound re-enforcement equipment and the software associated with digital sound file creation, modification and distribution. The design aspect of this class will explore how sound is used to increase the aesthetic experience of a theatre production through discussion and practical exercises.

THE 308 (ENG 308) PLAYWRITING **3 CREDITS**

PREREQUISITE: ENG 100 AND A 100- OR 200- LEVEL LITERATURE COURSE

Students will invent, develop, and explore their scripts in progress in a workshop format and one-on-one with the instructor. The workshop format involves readings and critiques designed to enable the students to strengthen the storyline, dramatic structure, character

development, dialogue and premise through revision and transformation. The culmination of the course involves a public reading and submission of polished work to the appropriate media outlet.

THE 360 THEATRE IN THE ELEMENTARY CLASSROOM 3 CREDITS

Experientially-based course on the efficacy, importance and techniques of bringing drama into the elementary school classroom.

THE 361 MUSICAL THEATRE 3 CREDITS

PREREQUISITE: THE 272, MUS 217, OR IN CONJUNCTION WITH MUS 317

Performers will learn history, theories, and techniques involved for characterization and staging in order to support the singing of song.

THE 365 SPECIAL TOPICS IN THEATRE 3 CREDITS

Topics of interest in theatre define the content.

THE 366 STAGE MANAGEMENT 3 CREDITS

This course will explore the duties and responsibilities of the theatrical stage manager throughout the production process. Topics covered include organization, interpersonal relations, documentation, and the production process. The course includes practical hands-on group and individual exercises. Some of the required activities will take place outside of class time.

THE 369 AMERICAN THEATRE 3 CREDITS

This course positions theatre as a social institution from colonial times to the present through analysis of plays and performances alongside aesthetic and social-scientific methods. Topics include theatre's relation to democracy and national, group, and individual identity, the economics of theatre production and consumption and its relation to "celebrity culture" and the ways representational modes may reflect and shape individual perceptions and social realities.

THE 372 GREAT ROLES: PERIOD STYLES OF ACTING 3 CREDITS

PREREQUISITE: THE 273

Study and practice in psychological, physical, and vocal approaches to scripts in major styles.

THE 373 DRAMATIC THEORY AND CRITICISM 3 CREDITS

Surveys major theories of theatre and drama from Aristotle to the present, as well as the range of contemporary critical discourses on performance (e.g., cultural studies, feminism, performance theory, psychoanalysis, and semiotics). Students will attend performances and write reviews and critical essays. Fullfills writing intensive requirement.

THE 374 GREAT SCRIPTS: PERIOD STYLES OF DIRECTING 3 CREDITS

This course focuses on interpretation of period plays from the director's point of view. Students will explore practical problems involving research, staging, characterization, and stylistic choices.

THE 375 CONTEMPORARY WORLD THEATRE AND PERFORMANCE 3 CREDITS

Comparative approach to contemporary theatre and performance forms from different nations. Examines representative genres, styles and production practices within aesthetic and sociopolitical contexts.

THE 376 READER'S THEATRE**3 CREDITS**

Students will learn performance techniques of reading aloud using facial and vocal expressions, gestures and movement. Innovative approaches to bringing the word from page to stage will be explored leading to group performance.

THE 392 THEATRE PRACTICUM**CREDITS TO BE ARRANGED**

PREREQUISITE: CONSENT OF INSTRUCTOR AND APPROVAL OF DEPARTMENT CHAIRPERSON AND DEAN

Forty-five hours of supervised work in some area of theatrical production either performing, backstage, or front-of-house.

THE 470 CHILDREN'S THEATRE**3 CREDITS**

Students will learn theories and techniques to develop, produce and perform theatre for young audiences (preschool through elementary school ages). The course will culminate in a production at Eastern (which may tour). Students will be expected to attend rehearsals during out-of-class times for which they may receive practicum credit (depending on the particular production circumstances).

THE 472 AUDITIONING FOR THE STAGE & SCREEN**3 CREDITS**

PREREQUISITE: THE 273

Actors and directors will explore the selection, preparation and presentation of audition pieces (i.e. scenes, songs, and monologues) and techniques for personal interviews and cold readings as well as create resumes and a practical plan to enter the business and graduate school.

THE 474 EXPERIMENTAL THEATRE: THEORY & PERFORMANCE**3 CREDITS**

This class explores historical and contemporary theories of experimental and avant-garde theatre and performance in a global context, with the goal of practical applications. Topics to be explored theoretically and experientially may include intercultural, bilingual, and agit-prop theatre, multi-media production and intermediality, and installation and performance art.

THE 475 THEATRE ON TOUR: SHORT STAY**3 CREDITS**

Field experience (national or international) in which students study theater, culture, and/or historical and contemporary performance, from theoretical and experiential perspectives. Duration: One to two weeks.

THE 476 THEATRE ON TOUR: LONG STAY**3 – 6 CREDITS**

Field experience (national or international) in which students study theater, culture, and/or historical and contemporary performance, from theoretical and experiential perspectives. Duration: Three to six weeks

THE 480 INDEPENDENT STUDY IN THEATRE**3 CREDITS**

PREREQUISITE: CONSENT OF INSTRUCTOR AND APPROVAL OF DEPARTMENT CHAIRPERSON AND DEAN

An opportunity for qualified students to pursue theatrical studies beyond those offered in the listed curriculum.

THE 495 INTERNSHIP IN THEATRE**CREDITS TO BE ARRANGED**

PREREQUISITE: CONSENT OF INSTRUCTOR AND APPROVAL OF DEPARTMENT
CHAIRPERSON AND DEAN

Advanced students may participate in an internship off campus or in special programs on campus, which allows them to work with qualified persons in conjunction with the faculty. These internships may be in various areas of theatre such as arts management, performance in acting and directing, technical theatre, and teaching.

COURSES OF INSTRUCTION: DANCE**DNC 130 INTRODUCTION TO DANCE HISTORY****3 CREDITS**

A survey of Western theatrical dance—ballet, modern dance, MTV—through lectures, film, video, and studio experiences. Students will gain a broad perspective on the current dance scene, and learn to write vividly about taped and live dance performances.

Dance: Modern

A technique that integrates the use of weight, breath, expressiveness, and rhythm.

DNC 232 MODERN DANCE I BEGINNER**1 CREDIT****DNC 233 MODERN DANCE II BEGINNER INTERMEDIATE****1 CREDIT****DNC 334 MODERN DANCE III INTERMEDIATE****1 CREDIT****DNC 335 MODERN DANCE IV ADVANCED INTERMEDIATE****1 CREDIT****Dance: Jazz**

A contemporary dance form using body isolations and rhythmic variations.

DNC 236 JAZZ DANCE I BEGINNER**1 CREDIT****DNC 237 JAZZ DANCE II BEGINNER INTERMEDIATE****1 CREDIT****DNC 338 JAZZ DANCE III INTERMEDIATE****1 CREDIT****DNC 339 JAZZ DANCE IV ADVANCED INTERMEDIATE****1 CREDIT****Dance: Ballet**

A classical form of dance training which incorporates a basic dance vocabulary.

DNC 242 BALLET I BEGINNER**1 CREDIT****DNC 243 BALLET II BEGINNER INTERMEDIATE****1 CREDIT****DNC 344 BALLET III INTERMEDIATE****1 CREDIT****DNC 345 BALLET IV ADVANCED INTERMEDIATE****1 CREDIT****DNC 330 CONCEPTS OF DANCE****3 CREDITS**

A course in movement, observation and analysis. Students will become sensitive observers of movement in the world around them, both theatrical and everyday movement, and will create a project applying a system of movement analysis (Laban studies) to an area of their own choosing.

DNC 346 IMPROVISATION**2 CREDITS**

Spontaneity and trust in one's intuitive movement response is encouraged through dance structures that explore the creative process in dance. Sources for the investigation of one's relationship to movement to self, others, and the environment are drawn from the kinetic, aural, visual, and dramatic arts.

DNC 347 DANCE WORKSHOP**3 CREDITS**

PREREQUISITES: AT LEAST TWO FULL SEMESTERS OF MODERN, JAZZ OR BALLET TECHNIQUE

Builds dance performance skills and provides opportunities for creative applications of materials taught.

DNC 365 SPECIAL TOPICS IN DANCE**3 CREDITS**

Topics of interest in dance provides the context.

DNC 395 PRACTICUM IN DANCE**3-6 CREDITS**

PREREQUISITE: CONSENT OF INSTRUCTOR AND APPROVAL OF DEPARTMENT CHAIRPERSON AND DEAN

An opportunity for students to apply dance skills in select practical situations.

DNC 445 DANCE COMPOSITION**3 CREDITS**

PREREQUISITE: DNC 346 OR CONSENT OF INSTRUCTOR

The craft of choreography is introduced and the process of creating dance is explored. Students compose and perform dance studies of their own creation.

DNC 491 INTERNSHIP IN DANCE**3-6 CREDITS**

PREREQUISITE: CONSENT OF INSTRUCTOR AND APPROVAL OF DEPARTMENT CHAIRPERSON AND DEAN

PHILOSOPHY

Chairperson: *William L. Newell*

Professors: *Hope K. Fitz, William L. Newell*

Minor: Philosophy

The non-degree Philosophy minor consists of PHI 120 Perspectives in Philosophy, plus at least 12 additional credits to be selected from the following:

PHI 200	Peace and Human Rights
PHI 210	Asian Philosophies
PHI 215	Logical Inquiry
PHI 220	Ethics
PHI 230	History of Early Western Philosophy
PHI 231	History of Modern Western Philosophy
PHI 235	Islam: The Straight Path
PHI 310	Philosophy and Psychology of Religion
PHI 312	The Philosophies of Mysticism
PHI 314	Modern Social and Political Thought
PHI 320	American Philosophy
PHI 330	Existentialism and Phenomenology
PHI 340	The Philosophy of War
PHI 365	Special Topics
PHI 420	Philosophy of Science
PHI 400	Peace and Human Rights Seminar
PHI 480	Independent Study

Courses of Instruction: Philosophy

PHI 120 PERSPECTIVES IN PHILOSOPHY-AN INTRODUCTORY COURSE

3 CREDITS

An introduction to the constructive and critical tasks in philosophy with a discussion of such problems as the origin of language, a priori knowledge, induction, the ontological status of the physical world, the mind-body problem, freedom of determinism, etc., and the diverse responses made to these problems by philosophical schools such as rationalism, empiricism, pragmatism, positivism, etc.

PHI 200 PEACE AND HUMAN RIGHTS

3 CREDITS

This course will explore theories and practices on peace and human rights from a broadly multicultural perspective.

PHI 210 ASIAN PHILOSOPHIES

3 CREDITS

A study of the fundamentals of Eastern philosophy and religion including Chinese philosophy Hinduism, Buddhism, Taoism and Zen, and an examination of the similarities and differences between Asian and Western viewpoints.

PHI 215 LOGICAL INQUIRY

3 CREDITS

A study of critical reasoning, i.e., the tools needed for argument analysis and construction, and the development of skills for effective use of the tools. Both informal and formal logic are examined in this course.

PHI 220 ETHICS**3 CREDITS**

A study of the major positions in Western ethical thought from Socrates to the present, and an examination of the basic principals of moral decision which have been proposed.

PHI 230 HISTORY OF EARLY WESTERN PHILOSOPHY**3 CREDITS**

The development of Western philosophy from the pre-Socratics in Greece through medieval Europe. Emphasis on Plato, Aristotle, Plotinus, Augustine, Anselm, Aquinas.

PHI 231 HISTORY OF MODERN WESTERN PHILOSOPHY**3 CREDITS**

The development of Western philosophy starting with Descartes, Leibniz, Berkeley, Locke, Hume, Kant, Hegel and Nietzsche.

PHI 235 ISLAM**3 CREDITS**

The course addresses the substance of the Muslim religion: Muhammad, its Prophet; the Qur'an; the Shari'ah, Muslim Law; Sufism, or Islamic mysticism.

PHI 310 PHILOSOPHY AND PSYCHOLOGY OF RELIGION**3 CREDITS**

An investigation of the phenomena of religious experience, and an analysis of religious myths and symbols in the light of contemporary philosophy, psychology, and anthropology.

PHI 312 COMPARATIVE MYSTICISMS**3 CREDITS**

This course will attempt to describe a variety of mystical phenomena, Jewish, Christian, Muslim and Buddhist, and then outline the variety of philosophical interpretations given these experiences by not only the mystics but also (and especially) the orthodox religious traditions involved.

PHI 314 (PSC 314) MODERN SOCIAL AND POLITICAL THOUGHT**3 CREDITS**

A broad introductory survey of social and political thought from Machiavelli to the emergence of modern ideologies.

PHI 316 (PSC 316) ANCIENT POLITICAL THOUGHT**3 CREDITS**

A broad survey of ancient thought with emphasis on Attic Tragedy, Plato and Aristotle.

PHI 320 AMERICAN PHILOSOPHY**3 CREDITS**

A study of the philosophical elements of American politics, education, religion, etc. from their beginnings in British and French thought, including Locke, Jonathan Edwards, Jefferson, Emerson, James, Pierce, Royce, Santayana, Dewey, Whitehead.

PHI 330 EXISTENTIALISM AND PHENOMENOLOGY**3 CREDITS**

An inquiry into the meaning of the existentialist movement and the phenomenological method, including the writings of philosophers such as Keirkegaard, Nietzsche, Heidegger, Sartre, Buber, Marcel.

PHI 340 THE PHILOSOPHY OF WAR**3 CREDITS**

The student will deal with the philosophies of the rules of just wars, what is real, military and sacred history, psychology and art; in addition to the foundation of cultures and the myths that sustain them—all this to attempt to imagine war, since it is impenetrable to reason. The student will deal with the thought of the psychologist James Hillman, the masters of war Machiavelli and Clausewitz, and René Girard on the scapegoat and the linkage between war and religion.

PHI 365 TOPICS IN PHILOSOPHY**3 CREDITS****PHI 370 HUMAN RIGHTS: NATURAL AND CIVIL****3 CREDITS**

Human rights involves the claims and entitlements that encompass both endowed natural and civil rights. This course is based upon this premise and the supposition that these rights can only be expressed in a political regime which emphasized the political participation of its citizens on a basis of legally guaranteed and socially supported equality.

PHI 371 JAINISM: NONVIOLENCE AND LOVE**3 CREDITS**

In this course students will learn the way of Jain life. It is a religion, a culture and a tradition. Furthermore, it affects the social/political views of its members because it is devoted to a non-violent way of life. Jains believe that one should not harm any living being and should have the greatest compassion for all creatures.

PHI 400 PEACE AND HUMAN RIGHTS SEMINAR**3 CREDITS**

Research and analysis in topics dealing with the nature of peace and human rights and the connections between the two, viewed from a variety of disciplinary perspectives. This course serves as the capstone course for the Peace and Human Rights minor.

PHI 420 PHILOSOPHY OF SCIENCE**3 CREDITS**

A study of the logic of laws formation and theories through an analysis of description, explanation, prediction and the relationship of the latter three to regulative ideas. Both the rational and empirical roles in the scientific method will be investigated.

PHI 480 INDEPENDENT STUDY**1-6 CREDITS**

PREREQUISITE: CONSENT OF INSTRUCTOR

PHYSICAL SCIENCES

Chairperson: *Timothy A. Swanson*

Assistant Chairperson: *Charles M. Wynn Sr.*

Professor: *Charles M. Wynn Sr.*

Associate Professors: *Darrell Koza, Zoran Pazameta, Russell Sampson, Timothy A. Swanson, John M. Toedt*

Minor: Astronomy Outreach and Public Presentation

The Astronomy Outreach and Public Presentation minor is designed to give students the necessary skills to present astronomy in a K-12 or public setting. The students will learn the science of astronomy and the fundamental technical skills for the operation of the planetarium.

Requirements:

The minor is 18 credits and a minimum grade of C is required in each class within the minor. Required courses are:

AST	214
AST	225
AST	226
AST	490
AST	495

AST 490 and AST 495 are variable-credit classes and the exact credit a student receives in these classes must be determined through consultation with the instructors. The students must take at least one of the following electives to bring the total of the minor to 18 credits: PHY 205, PHY 209, AST 360, AST 375, AST 380, or AST 480.

Minor: Physical Science

The Physical Science minor is designed to give students a foundation in the physical sciences and to enhance their career opportunities in an increasingly technical world.

Requirements

One course in chemistry at or above CHE 216

Two semesters of General Physics: PHY 204 or PHY 208 and PHY 205 or PHY 209.

AST 214 Descriptive Astronomy

or

PHY 217 Meteorology

Electives

One elective course in either chemistry, physics, or astronomy at the following levels:

Additional Chemistry, above CHE 216

Physics, above PHY 209

Astronomy, above AST 214

Minor: Physics

The physics minor is offered for students wishing to pursue a study of physics beyond that of the introductory level and to gain experience with the uses of applied mathematics in physics.

Requirements for the physics minor include a two-semester sequence in general physics with laboratory; MAT 341 Differential Equations; and two electives chosen from physics courses at the 300- level or above. CSC 355 and CSC 356 Digital Logic with Laboratory may also be used as an elective in the minor.

COURSES OF INSTRUCTION: ASTRONOMY

AST 214 DESCRIPTIVE ASTRONOMY (LECTURE AND LAB) 4 CREDITS

NOTE: THERE IS A \$50 LAB FEE FOR THIS COURSE.

A nonmathematical introduction to the fundamentals and history of astronomy, and to the means by which information is obtained. Emphasis is on the practical aspects of astronomy as well as on current knowledge of the nature and evolution of objects in space and of the universe as a whole. Includes sessions in the planetarium and outdoors. Three hours lecture; one hour laboratory.

AST 225 STARS AND GALAXIES 3 CREDITS

The properties, life cycles, and unusual forms of stars are discussed, as well as their grouping into clusters. The structure and origin of the Milky Way galaxy is discussed, leading to models for other galaxies. Groupings of galaxies lead to considering the large-scale structure, origin and fate of the universe as a whole.

AST 226 INTRODUCTION TO THE SOLAR SYSTEM 3 CREDITS

Introduction to the structure of the solar system, and to the methods and ideas used to study its history and components. The latest discoveries are incorporated into descriptions of the objects in the solar system and into models for their evolution.

AST 360 TOPICS IN ASTRONOMY 1-6 CREDITS

Variable credits and topics in astronomy as interest warrants. May be repeated for credit.

AST 375 (MAT 375) MATHEMATICAL ASTRONOMY AND ASTROPHYSICS 3 CREDITS

PREREQUISITE: MAT 244; COREQUISITE: MAT 341

An introduction to the mathematical modeling of astronomical and astrophysical phenomena.

AST 380 TUTORIAL IN ASTRONOMY 1-4 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

Small group or individual study of advanced topics in astronomy. May be repeated for credit.

AST 480 INDEPENDENT STUDY IN ASTRONOMY 1-4 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

AST 490 PLANETARIUM WORKSHOP 1-3 CREDITS

PREREQUISITES: PREVIOUS STUDY OF ASTRONOMY AND CONSENT OF INSTRUCTOR.

Planning and presenting programs in the planetarium for visiting groups and for the community. Operation of the Spitz A-4 instrument and auxiliary projectors.

AST 495 PLANETARIUM INTERNSHIP**1-6 CREDITS**

PREREQUISITES: AST 490 AND PERMISSION OF PLANETARIUM DIRECTOR

Experience in off-campus planetarium, presenting and/or preparing programs. Experience in the Eastern Wickware Planetarium or in an off-campus planetarium; presenting and/or preparing programs.

COURSES OF INSTRUCTION: PHYSICAL SCIENCE/CHEMISTRY

See Courses of Instruction: Chemistry, p. 103

COURSES OF INSTRUCTION: PHYSICAL SCIENCE**PHS 101 INTRODUCTION TO THE PHYSICAL WORLD****3 CREDITS**

NOTE: NOT OPEN TO STUDENTS WHO HAVE COMPLETED EES 104 OR AST 214.

Physical perspectives of Earth as a planet: its crust, atmosphere and oceans, and environment in space. Laboratory exercises emphasizing concepts and methods of science. Two hours lecture; two hours laboratory.

PHS 302 SCIENCE, TECHNOLOGY, AND SOCIETY: AN INTEGRATED VIEW**3 CREDITS**

NOTE: PROVIDES PERSPECTIVE FOR STUDENTS WITH LITTLE OR NO BACKGROUND IN NATURAL SCIENCE.

Proceeds from an integrated overview of the sciences to an examination of some important applications of scientific knowledge and theory.

COURSES OF INSTRUCTION: PHYSICS**PHY 102 ENERGY AND THE SCIENTIFIC METHOD****3 CREDITS**

An integrated lab-lecture course designed for non-science majors in which the scientific method is studied as it is applied to the investigation of energy and its uses.

PHY 204 PHYSICS I (LECTURE AND LAB)**4 CREDITS**

The basic laws and theories of physics, mechanics, heat and thermodynamics in the first semester; light and sound, electricity and magnetism, modern physics in second semester. Three hours lecture; two hours laboratory.

PHY 205 PHYSICS II (LECTURE AND LAB)**4 CREDITS**

Continuation of PHY 204.

PHY 208 PHYSICS WITH CALCULUS I (LECTURE AND LAB)**4 CREDITS**

Basic laws and theories of physics using calculus where applicable. Mechanics, heat and thermodynamics in the first semester; light and sound, electricity and magnetism, modern physics in the second semester. Three hours lecture; two hours laboratory.

PHY 209 PHYSICS WITH CALCULUS II (LECTURE AND LAB)**4 CREDITS**

Continuation of PHY 208.

PHY 217 METEOROLOGY**3 CREDITS**

How basic concepts of science are interrelated to produce various phenomena of weather. Emphasis on meteorology of the midlatitudes, weather observation and forecasting.

PHY 310 HEAT AND THERMODYNAMICS**3 CREDITS**

PREREQUISITES: PHY 204 or PHY 208, MAT 244

Study of thermodynamic systems, equations of state. First and Second Laws of Thermodynamics, entropy, phase changes, black body radiation.

PHY 320 MODERN PHYSICS**3 CREDITS**

PREREQUISITES: PHY 205 or PHY 209, MAT 244

Study of the development of modern physics including relativity, quantum theory, atomic, nuclear and particle physics.

PHY 360 TOPICS IN PHYSICS**1-4 CREDITS**

Variable credits and topics in physics as interest warrants. May be repeated for credit.

PHY 380 TUTORIAL IN PHYSICS**1-4 CREDITS**

PREREQUISITE: CONSENT OF INSTRUCTOR

Small group or individual study of advanced topics in physics. May be repeated for credit.

PHY 480 INDEPENDENT STUDY IN PHYSICS**1-4 CREDITS**

PREREQUISITE: CONSENT OF INSTRUCTOR

Credits and hours to be arranged with instructor.

POLITICAL SCIENCE

Chairperson: *William L. Newell*

Professors: *James R. Cobbledick, Nicole Krassas, William Salka, Christopher Vasillopulos*

Assistant Professor: *Helme Devries*

Major: Political Science (B.A.)

Objectives

A unique major designed for those students interested in government, public administration, law and public service. The major has two tracks. The first track, for most students, consists of 12 political science courses. The second track, for students seeking certification in secondary education, allows students a range of interdisciplinary courses that will allow students to fulfill state and university certification requirements while completing the major. The political science major prepares the student either to begin a career upon graduation or to continue education at the graduate level in public administration, law, international relations, public policy, environmental politics, gender studies, campaign studies or political science.

Admission to the Program

Transfer students who wish to graduate from Eastern with a major in political science must complete at least 18 credits at Eastern applied to the political science major. Each transfer student's program must be approved by the student's political science advisor.

All political science majors must maintain an overall 2.0 average in major courses and receive no more than two grades below 2.0.

Thirty hours of courses applied toward the major may not be used to satisfy any other university requirement. Hours applied to the major above 30 may also be used to satisfy requirements for a second major or minor. Section IVB of the GER is waived for majors. Six credits of political science courses can double count in the LAC and the Major.

Degree Requirements

Track I: Political Science

Required Courses:

- PSC 110: Introduction to American Government and Politics
- PSC 140: Introduction to International Relations
- PSC 201: Qualitative Research Methods
- PSC 202: Quantitative Research Methods
- PSC 208: Comparative Politics
- PSC 460: Seminar in Political Science

Electives in U.S. Government and Politics (*Choose 3 Courses*):

- PSC 200: State and Local Politics and Government
- PSC 205: Public Administration
- PSC 215: Political Parties and Elections
- PSC 216: Interest Group Politics
- PSC 227 (WST 227): Women and Politics
- PSC 325: Politics and the Mass Media
- PSC 326 (WST 326): Politics of Race, Class and Gender
- PSC 330: The Presidency

PSC 335: Legislative Politics
PSC 339: Constitutional Law I: Powers and Processes
PSC 340: Constitutional Law II: Civil Liberties
PSC 341: Judicial Process
PSC 350: Public Policy and Decision Making
PSC 351: Environmental Politics and Policy
PSC 353: Natural Resources Politics
PSC 480: Independent Study (When Topically Appropriate)
PSC 490: Municipal Government Internship
PSC 491: State Government Internship
PSC 492: Law Internship
PSC 493: National Government Internship
PSC 495: State/Local/Law Internships

Electives in Comparative Politics and International Relations (*Choose 3 Courses*):

PSC 230: Middle Eastern Politics
PSC 240: Latin American Politics
PSC 250: Asian Politics
PSC 270: Former Soviet Union
PSC 275: Media, Internet and Politics
PSC 305 (CAS 305): Comparative Public Administration
PSC 310: European Politics
PSC 311: International Development and Sustainability
PSC 320: American Foreign Policy
PSC 323: Democratization
PSC 352: Global Environmental Politics
PSC 355: Nuclear Threat and Peaceful Change
PSC 480: Independent Study (When Topically Appropriate)
PSC 494: International Internship

Electives in Methods and Political Theory (*Choose 1 Course*):

PSC 212: Political Science Statistics
PSC 220: Democratic Theory
PSC 225: Organizational Theory
PSC 314 (PHI 314): Modern Social and Political Thought
PSC 315: American Political Thought
PSC 316 (PHI 316): Ancient Political Thought
PSC 370 (PHI 370): Human Rights: Natural and Civil
PSC 400: Political Inquiry, Political Theory
PSC 480: Independent Study (When Topically Appropriate)

Internship or Study Abroad. All students must complete an internship or study abroad. That experience will be fit into the appropriate category and satisfy the requirement for one course in the category.

Track II: Political Science and Social Studies

This track is meant to facilitate students seeking certification to teach high school social studies. Student can only choose this option with the permission of the chair of the political science program.

Required Courses

PSC 110: Introduction to American Government and Politics

PSC 140: Introduction to International Relations or PSC 208: Comparative Politics

PSC 201: Qualitative Research Methods

PSC 202: Quantitative Research Methods

PSC 460: Seminar in Political Science

Electives in U.S. Government and Politics (*Choose 2 Courses*):

PSC 200: State and Local Politics and Government

PSC 205: Public Administration

PSC 215: Political Parties and Elections

PSC 216: Interest Group Politics

PSC 227 (WST 227): Women and Politics

PSC 325: Politics and the Mass Media

PSC 326 (WST 326): Politics of Race, Class and Gender

PSC 330: The Presidency

PSC 335: Legislative Politics

PSC 339: Constitutional Law I: Powers and Processes

PSC 340: Constitutional Law II: Civil Liberties

PSC 341: Judicial Process

PSC 350: Public Policy and Decision Making

PSC 351: Environmental Politics and Policy

PSC 353: Natural Resources Politics

Electives in Comparative Politics and International Relations (*Choose 1 Course*):

PSC 230: Middle Eastern Politics

PSC 240: Latin American Politics

PSC 250: Asian Politics

PSC 275: Media, Internet, and Politics

PSC 270: Former Soviet Union

PSC 305 (CAS 305): Comparative Public Administration

PSC 310: European Politics

PSC 311: International Development and Sustainability

PSC 320: American Foreign Policy

PSC 323: Democratization

PSC 352: Global Environmental Politics

PSC 355: Nuclear Threat and Peaceful Change

Electives in Methods and Political Theory (*Choose 1 Course*):

PSC 212: Political Science Statistics

PSC 220: Democratic Theory

PSC 225: Organizational Theory

PSC 314 (PHI 314): Modern Social and Political Thought

PSC 315: American Political Thought

PSC 316 (PHI 316): Ancient Political Thought

PSC 400: Political Inquiry: Political Theory

Electives in Social Studies Certification Courses (*Choose 4 Courses*):

ANT 106: Cultural Anthropology or ANT 221: Native Americans

or

ANT 337: Urban Anthropology

ECO 100: Political Economy of Social Issues or ECO 200: Macroeconomics

GEO 100: Introduction to Geography
 HIS 120: Early American History
 or
 HIS 121: Recent American History
 or
 HIS 310: Great Issues: Survey in U.S. History
 HIS 231: Western Civilization since 1500
 PSY 100: General Psychology
 SOC 100: Introduction to Sociology

Recommended Course Sequence: Political Science Major (B.A.)

Check all course descriptions for prerequisites before planning course schedule.

First Year

Liberal Arts Curriculum or General Education Requirements	21
PSC 110 American Government and Politics	3
PSC 140 International Relations	3
PSC 208 Comparative Politics	3
Total	30 Credits

Second Year

Liberal Arts Curriculum or General Education Requirements	12-15
PSC 201: Qualitative Research Methods	3
PSC 202: Quantitative Research Methods PSC	3
PSC 2**/3** Political Science Elective (or Skills if TII)	3
PSC 2**/3** Political Science Elective (or Skills if TII)	3
Minor	3-6
Electives	5-18
Total	30 Credits

Third Year

Liberal Arts Curriculum or General Education Requirements	4-7
PSC 2**/3** Political Science Elective	3
PSC 2**/3** Political Science Elective	
PSC 2**/3** Political Science	
Elective	3
Minor	3-6
Electives	5-18
Total	30 Credits

Fourth Year

Liberal Arts Curriculum or General Education Requirements	3-6
PSC 2**/3**	3-6
PSC 2**/3** Political Science Elective	3
PSC 460 Seminar in Political Science	3
Minor	3-6
PSC 4XX Political Science Internship	6-15
Electives or Liberal Arts Curriculum or	
Total	30 Credits

Minor: Political Science

To earn a political science minor, a student must take 24 credits of political science courses. Seven of the 24 credits may also be used to satisfy the requirements of the General Education Requirements, the Liberal Arts Curriculum or a major or second minor when appropriate.

Required Courses

- A. PSC 110

B. PSC 140 or PSC 208

C. Six 200- to 400- level electives in Political Science

Transfer students must complete at least nine political science credits in course applied to the minor at Eastern in a program approved by the student's political science advisor. The cumulative grade point average in courses applied toward the political science minor must be 2.0 or better.

Courses of Instruction: Political Science

PSC 110 AMERICAN GOVERNMENT AND POLITICS 3 CREDITS

Basic introductory course in political science and the American political process. Both institutional and behavioral aspects of American government will be examined.

PSC 140 INTERNATIONAL RELATIONS 3 CREDITS

Political science and international relations. By means of the conflict-resolution approach, major influences shaping nation-state relations will be analyzed.

PSC 200 STATE AND LOCAL POLITICS AND GOVERNMENT 3 CREDITS

State and local governments and their institutional arrangements and processes. Particular attention will be given to local governments in Connecticut.

PSC 201 APPLIED QUALITATIVE RESEARCH METHODS 3 CREDITS

The purpose of this course is to provide students with practical experience using a variety of applied qualitative research methodologies commonly employed to do research about politics. This course emphasizes development and application of a qualitative research design.

PSC 202 APPLIED QUANTITATIVE RESEARCH METHODS 3 CREDITS

This course is designed to introduce or reinforce the research methodologies employed in political science with a special emphasis on quantitative methods. Students in the course will be guided through the steps of a research process, culminating in the use of basic statistics to test a hypothesis. The course will also introduce students to the computer software used in political science research.

PSC 205 PUBLIC ADMINISTRATION 3 CREDITS

PREREQUISITE: PSC 110 AMERICAN GOVERNMENT AND POLITICS

Introduction to public administration. Surveys executive branch and independent agencies and their efforts to shape and implement legislation and public policy.

PSC 208 COMPARATIVE POLITICS 3 CREDITS

A comparison of various political processes and structures among selected countries designed to identify and highlight significant differences among various political models and practices.

PSC 212 POLITICAL SCIENCE STATISTICS 3 CREDITS

This course is designed to provide students with a working knowledge of the various quantitative methods available to analyze data and test hypotheses of interest to political scientists. The objective is to help students understand the logic behind statistics so that they may use them appropriately.

PSC 215 POLITICAL PARTIES AND ELECTIONS 3 CREDITS

American political parties and their structure and relationship to the electoral and governmental system. Past electoral behavior and the techniques for analyzing and predicting elec-

tions. Particular attention will be given to the Connecticut party system including statutes governing the state's elections and parties.

PSC 216 INTEREST GROUP POLITICS 3 CREDITS

This course provides a comprehensive study of interest groups nationally and internationally, with a strong emphasis on the United States. The focus of the course is on interest group activity, social movements and changes that have occurred over time.

PSC 220 DEMOCRATIC THEORY 3 CREDITS

An examination of the historical, economic, social, political and logical conditions for the development and success of democracies.

PSC 225 ORGANIZATIONAL THEORY 3 CREDITS

A study of organizations from the point of view of effectiveness, efficiency and their internal dynamics.

PSC 227 (WST 227) WOMEN AND POLITICS 3 CREDITS

This course will examine the role of women in politics from participation to representation. Students will evaluate the role that women have played over time in the development of our political system.

PSC 230 MIDDLE EASTERN POLITICS 3 CREDITS

Major political and economic tension points in the Middle East today with emphasis on why and how these tensions have emerged.

PSC 240 LATIN AMERICAN POLITICS 3 CREDITS

Current trends in the political development of selected Latin American nations.

PSC 250 ASIAN POLITICS 3 CREDITS

Political systems of the major Asian states and China, Japan, and India.

PSC 265 TOPICS IN POLITICAL SCIENCE 3 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

NOTE: COURSE MAY BE REPEATED WITH A CHANGE OF TOPIC.

Special areas of interest in studies in political science.

PSC 270 FORMER SOVIET UNION 3 CREDITS

A comparative analysis of Tsarist, Soviet and Post-Soviet political systems.

PSC 275 MEDIA, INTERNET AND POLITICS 3 CREDITS

This course explores the ways in which the internet and the technologies which are available via the internet are transforming politics, as well as how domestic and international politics are shaping the internet's availability and usage. Regulatory laws and ethical concerns regarding information technology and the applications of internet-based technologies to electoral campaigns, voting, political activism, and conflict are key topics covered.

PSC 305 (CAS 305) COMPARATIVE PUBLIC ADMINISTRATION 3 CREDITS

An examination of the substantive and procedural processes of the administrative sectors of The U.S. and Canadian governments. Employs a comparative methodology to illustrate the growing interdependence of policy formation and administrative practice. To explore how economic interdependence implies the conveyance of the administrative practice of the trading partners.

PSC 310 EUROPEAN POLITICS**3 CREDITS**

This course will look at European politics on both the supranational and domestic level. The history, structure and continued development of the European Union and its key institutions will be studied. The domestic political systems and cultural context of European countries will be explored comparatively. Additionally, issues of foreign, economic, environmental, and social policy-making that intersect both the domestic and the supranational levels will be investigated.

PSC 311 INTERNATIONAL DEVELOPMENT AND SUSTAINABILITY 3 CREDITS

This course focuses on the politics of international development globally, examining the impact of international institutions, domestic policy-making, and non-state actors in promoting human versus economic development. Many of the cases explored in the class will focus on Latin America, Africa, and Asia, but the linkage between global efforts to eradicate poverty and local policy-making and activism on these issues will be bridged. Additionally, students will investigate the sustainability of development programs and conduct research evaluating development projects.

PSC 314 (PHI 314) MODERN SOCIAL AND POLITICAL THOUGHT**3 CREDITS**

A broad introductory survey of social and political thought from Machiavelli to the emergence of modern ideologies.

PSC 315 AMERICAN SOCIAL AND POLITICAL THOUGHT**3 CREDITS**

A broad introduction to political and social thought from the colonial period to contemporary America.

PSC 316 (PHI 316) ANCIENT POLITICAL THOUGHT**3 CREDITS**

A broad survey of ancient thought with emphasis on Attic Tragedy, Plato and Aristotle.

PSC 320 AMERICAN FOREIGN POLICY**3 CREDITS**

Formulation and execution of American foreign policy since the end of the second World War.

PSC 323 DEMOCRATIZATION**3 CREDITS**

This course focuses on the process of democratization, when nations shift from a non-democratic organizational model to a democratic one. It will expose students to some of the theoretical controversies, practical issues, and normative considerations that surround the process of democratization by focusing on the transitions of a set of nations. The course will be both historical and dynamic in nature.

PSC 325 POLITICS AND THE MASS MEDIA**3 CREDITS**

This course explores diverse forms of political communication through the mega-institution known as the mass media. The course provides an overview of the role of media in politics from the news to popular culture.

PSC 326 (WST 326) POLITICS OF RACE, CLASS AND GENDER 3 CREDITS

This course provides perspectives on identity politics, the complex interaction between the categories of race, class, gender and ethnicity. Students will examine the role that race, class, gender and ethnicity play in our politics on a personal, local and national level.

PSC 330 THE PRESIDENCY**3 CREDITS**

From campaigns to administrations and Congressional relations to media coverage, the course takes a historical perspective on the development of the whole office of the presidency.

PSC 335 LEGISLATIVE POLITICS**3 CREDITS**

This course examines the role of Congress in the politics of legislation. It covers the creation of legislation, the role of committees and the influence of elections on the behavior of elected representatives. A key focus of the course is on the concept of representation and the responsibility of elected representatives to their constituents.

PSC 339 CONSTITUTIONAL LAW I: POWERS AND PROCESSES**3 CREDITS**

An overview of the American constitutional system with a focus on the nature and scope of the powers granted to the federal government.

PSC 340 CONSTITUTIONAL LAW II: CIVIL LIBERTIES**3 CREDITS**

An overview of the American constitution with a focus on the rights and liberties of American citizens.

PSC 341 JUDICIAL PROCESS**3 CREDITS**

An examination of the role of law, judicial procedures, and legal thought in the American system of government.

PSC 345 ELECTORAL POLITICS**3 CREDITS**

An investigation of American electoral politics through readings and participation in an election campaign. Students will work for a candidate in a local, state, or national election and write an analytical report on the election.

PSC 350 PUBLIC POLICY AND DECISION-MAKING**3 CREDITS**

Public policy decision-making including study of the multiple approaches to the analysis of decision-making with case examples.

PSC 351 ENVIRONMENTAL POLITICS AND POLICY**3 CREDITS**

An examination of the evolution and impacts of environmental policy within the context of American government. Focus primarily on pollution control policy and energy issues, and their impacts on politics and society.

PSC 352 GLOBAL ENVIRONMENTAL POLITICS**3 CREDITS**

An examination of the interaction among international actors when addressing global environmental issues. The roles of individuals, nation states, international organizations, and non-governmental organizations are examined.

PSC 353 NATURAL RESOURCE POLITICS**3 CREDITS**

This course examines the issues involved in natural resource politics in the United States. Particular attention is paid to public lands management and energy policy.

PSC 355 THE NUCLEAR THREAT AND PEACEFUL CHANGE**3 CREDITS**

An examination of the nuclear arms race and an analysis of the various negative and positive peace approaches for the containing or elimination of the nuclear threat.

PSC 365 TOPICS IN POLITICAL SCIENCE**3 CREDITS**

PREREQUISITE: CONSENT OF INSTRUCTOR

NOTE: COURSE MAY BE REPEATED WITH A CHANGE OF TOPIC.

Special areas of interest in advanced studies in political science.

PSC 370 (PHI 370) HUMAN RIGHTS: NATURAL AND CIVIL

Human rights involves the claims and entitlements that encompass both endowed natural and civil rights. This course is based upon this premise and the proposition that these rights

can only be expressed in a political regime which emphasizes political participation of its citizens on a basis of legally guaranteed and socially supported equality.

PSC 460 SEMINAR IN POLITICAL SCIENCE

3 CREDITS

This course will provide a capstone experience where students will examine relevant political topics in great depth. The course is geared for advanced students with a basic understanding of political systems and democratic principles.

PSC 480 INDEPENDENT STUDY

3 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

Research and analysis of a topic of concern to political scientists.

PSC 490 MUNICIPAL GOVERNMENT INTERNSHIP

6-15 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

Internship in a municipality in Connecticut. Students will work under the direction of a municipal government official.

PSC 491 STATE GOVERNMENT INTERNSHIP

6-15 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

Students work full time for a state government agency. Interns will report on a regular basis to their faculty and prepare an analytical report on their internship.

PSC 492 LAW INTERNSHIP

6-15 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

Students work full time with a public law agency under the direction of an attorney or paralegal. Interns report on a regular basis to their advisors. An analytical report on their internship is required.

PSC 493 NATIONAL GOVERNMENT INTERNSHIP

3-15 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

Internship program in one of the major branches of the American national government. Placement usually in Washington, D.C. Interns will report regularly to their faculty advisor and prepare an analytical report on their internship.

PSC 494 INTERNATIONAL INTERNSHIP

3-15 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

An overseas internship program in which the faculty advisor and student work closely together to formulate each project. Interns will report regularly to their faculty advisor and prepare an analytical report on their internship.

PSC 495 STATE/LOCAL/LAW INTERNSHIP

3 - 15 CREDITS

PREREQUISITE: PERMISSION OF INSTRUCTOR

This course provides an opportunity for students doing local, state or law internships to complete the academic component of their internship. Students meet as a group with the faculty supervisor on a regular basis and complete assignments.

PSYCHOLOGY

Chairperson: *Wendi Everton*

Professor: *Peter D. Bachiochi, Luis A. Cordon, Jeffrey S. Danforth, Wendi Everton*

Associate Professors: *Alita J. Cousins, Carlos Escoto, Melanie Evans, Deirdre Fitzgerald, Madeleine Fugère, Jennifer Leszczynski, Margaret Letterman*

Assistant Professors: *James Diller, Lyndsey Lanagen-Leitzel, Kristi Salters-Pedneau*

Major: Psychology (B.A.)

Mission Statement

The mission of the Psychology Department is to develop students who have an understanding of behavior through the framework provided by the science of psychology while maintaining high standards. Psychology students will learn critical thinking skills and demonstrate an understanding of the importance of empiricism. Students will also demonstrate the knowledge, abilities, and skills of psychology and a respect for the diversity of behavior and its influencing variables in preparation for careers or advanced study. Consistent with the University's liberal arts mission, written work is a required component of all psychology courses

Admission to the Program

All students requesting admission to the major should contact the chairperson of the Psychology Department. The student will then be assigned an advisor within the department.

Degree Requirements

1. All majors must complete a minimum of 45 credits in psychology, exclusive of PSY 100.
2. Students must complete PSY 217, PSY 227, and PSY 327 with a grade of C or better.
3. Majors either follow the General Psychology curriculum or, as an alternative, choose a concentration in the Psychology of Children and Youth or Industrial-Organizational Psychology.
4. A minimum of 18 credits of psychology must be completed in residence at Eastern.
5. A minimum overall Grade Point Average (GPA) of 2.3 in psychology courses is required for graduation with a major in psychology. Students may not include PSY 100 or Special Program courses in the calculation of the GPA. Thus, students are not allowed to use PSY 100, 480, 490, 491, 496, 497 or 498 in computing this required GPA. It is further noted that students should maintain a minimum 3.0 GPA in the major to be considered for graduate studies in psychology.
6. All psychology majors must take the psychology comprehensive exam and exit survey prior to graduation

Psychology Requirements

Note: At time of publication, the Psychology Department was making changes to the curriculum. Please consult the Psychology Department webpage for the most current major requirements.

1. All majors are required to take the following five courses:

PSY 101	Introduction to the Psychology Major
PSY 217	Research Methods I
PSY 227	Behavioral Science Statistics
PSY 327	Research Methods II
PSY 402/409	Current Research in Psychology
PSY 419	History and Systems of Psychology

2. Psychology: The General Psychology Curriculum

The general psychology curriculum is chosen by students who desire to have a broad training in psychology. It is also appropriate for students who desire to continue their education at the graduate level within a department of psychology and for students who plan to study beyond the master's level in any field of psychology. This curriculum offers students the greatest flexibility in terms of course selection.

The minimum 45 hours of course work in psychology (exclusive of PSY 100) completed by students following the general curriculum must include the six courses listed under psychology. Students must satisfy the course requirements listed below.

Developmental: Three credits

Please select a minimum of two of the following courses:

PSY 204	Psychology of the Infant and Toddler
PSY 206	Psychology of Childhood
PSY 208	Psychology of Adolescence
PSY 210	Psychology of Adulthood and Aging

Learning and Cognition: Three credits

Please select a minimum of one of the following courses:

PSY 205	Principles of Learning
PSY 306	Cognitive Psychology

Individual Differences: Three credits

Please select a minimum of one of the following courses:

PSY 301	Abnormal Psychology
PSY 302	Psychopathology of Childhood
PSY 315	Psychology of Gender
PSY 320	Theories of Personality

Biological Bases of Behavior: Three credits

Please select a minimum of two of the following courses:

PSY 318	Sensation and Perception
PSY 418	Physiological Psychology
PSY 430	Human Neuropsychology

Groups: Three credits

PSY 202	Social Psychology
PSY 303	Industrial and Organizational Psychology

Specialized Courses: Nine credits

Please select a minimum of two of the following courses:

PSY 319	Human Sexuality
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PSY 325	Health Psychology
PSY 330	Evolutionary Psychology
PSY 407	Learning II: Theories and Issues
PSY 410	Psychological Tests and Measurements
PSY 450	Clinical and Counseling Psychology
PSY 460	Seminar in Psychology
PSY 496	Psychology Internship: Group Supervision

or

PSY 497	Psychology Internship: Individualized
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Plus one elective: Three credits

Recommended Course Sequence

First year

- PSY 100 General Psychology
- PSY 101 Introduction to the Psychology Major
- 200- level courses from the Foundations or Developmental Courses (see list above)
- LAC TIER I Courses - Mathematics, College Writing, and Health & Wellness
LAC Courses must be taken during the first 30 credits.

Second year

- PSY 227 Behavioral Science Statistics (Taken before 217)
- 200- level courses from the General Psychology Curriculum (see list above)
- LAC Tier II Courses
- Other Electives

Third year

- PSY 217 Research Methods I (Take after 227)
- PSY 327 Research Methods II (students must complete PSY 217 and PSY 227 with a grade of C or better before taking PSY 327)
- PSY 200-and 300- level courses from the General Psychology Curriculum (see list above)
- LAC Tier II Courses and Electives

Fourth year:

- PSY 402 Current Research in Child Psychology or PSY 409 Current Research in Psychology
- PSY 419 History & Systems of Psychology
- 300- and 400- course from: Foundations, Developmental, Biological or Advanced Courses
- Electives

3. Psychology Concentration: Psychology of Children and Youth

As an alternative to the General Psychology curriculum, psychology majors may elect to pursue a concentration in the Psychology of Children and Youth. The Psychology of Children and Youth concentration offers a strong foundation in current theory and research in the field of child psychology. This concentration will be of interest to students planning careers in areas such as child therapy, child advocacy, education, or school psychology. The concentration is also appropriate for students planning to enter graduate school in child psychology or related areas.

The minimum 45 hours of course work in psychology (exclusive of PSY 100) completed by students following the concentration in the Psychology of Children and Youth must include the six courses listed under Psychology Requirements (PSY 101, PSY 217, PSY 227, PSY 327, PSY 402, PSY 419). In addition, students must satisfy the course requirements listed below.

Recommended course to meet LAC

BIO 202/203 Human Biology (Lecture/Lab)

Required Courses: Six credits

PSY 205 Principles of Learning
PSY 302 Psychopathology of Childhood

Child Development: Six credits

Students must complete two courses from the following list:

PSY 204 Psychology of the Infant and Toddler
PSY 206 Psychology of Childhood
PSY 208 Psychology of Adolescence

Biological Bases of Behavior: Three credits

Please select a minimum of one of the following courses:

PSY 318 Sensation and Perception
PSY 418 Physiological Psychology
PSY 430 Human Neuropsychology

Specialized Courses: Nine credits

Please select a minimum of three of the following courses:

PSY 230 Family Psychology
PSY 306 Cognitive Psychology
PSY 407 Learning II: Theories and Issues
PSY 410 Psychological Tests and Measurements
PSY 435 Controversies in Child Psychology
PSY 460 Seminar in Psychology
PSY 496 Psychology Internship: Group Supervision

or

PSY 497 Psychology Internship: Individualized

Plus one elective: Three credits

Recommended Course Sequence

First year

- PSY 100 General Psychology
- PSY 101 Introduction to the Psychology Major
- One of two Child Development Courses:
 - PSY 204 Psychology of the Infant and Toddler
 - PSY 206 Psychology of Childhood
 - PSY 208 Psychology of Adolescence
- LAC Tier I Courses - Mathematics, College Writing, and Health & Wellness LAC Courses must be taken during the first 30 credits.

Second year

- PSY 227 Behavioral Science Statistics (Take before or at same time as 217)
- PSY 205 Principles of Learning
- One of two Child Development Courses:
 - PSY 204 Psychology of the Infant and Toddler
 - PSY 206 Psychology of Childhood
 - PSY 208 Psychology of Adolescence
- LAC Tier II Courses
- Other Electives

Third year

- PSY 217 Research Methods I (Take after 227)
- PSY 327 Research Methods II (students must complete PSY 217 and PSY 227 with a grade of C or better before taking PSY 327)
- PSY 302 Psychopathology of Childhood
- One or two “Professional Courses” (see list above)
- LAC Tier II Courses and Electives

Fourth year

- PSY 402 Current Research in Child Psychology
- PSY 419 History & Systems of Psychology
- One or two “Professional Courses” (see list above)

4. Psychology Concentration: Industrial-Organizational Psychology

As an alternative to the General Psychology curriculum, psychology majors may elect to pursue a concentration in Industrial Organizational psychology. The Industrial Organizational Psychology Concentration is designed to help prepare students planning to enter organizations where knowledge of Industrial-Organizational psychology is useful (e.g., personnel, organizational research, consumer psychology) or students who wish to attend graduate school in Industrial/Organizational Psychology. Students will learn how to apply the psychological principles in the workplace that enable them to recruit, hire, train, appraise, lead, and motivate employees as well as how to work within and facilitate groups and teams.

The minimum 45 hours of coursework in psychology (exclusive of PSY 100) completed by students following the concentration in Industrial Organizational psychology must include the six courses listed above under psychology requirements (PSY 101, PSY 217, PSY 227, PSY 327, PSY 409, PSY 419). In addition, students must satisfy the course requirements listed below:

Required Course: Three credits

PSY 303 Industrial and Organizational

Psychology Developmental: Three credits

Please select a minimum of one of the following courses:

PSY 208 Psychology of Adolescence

PSY 210 Psychology of Adulthood and Aging

Learning and Cognition: Three credits

Please select a minimum of one of the following courses:

PSY 205 Principles of Learning

PSY 306 Cognitive Psychology

Individual Differences: Three credits

Please select a minimum of one of the following courses:

PSY 202 Social Psychology

PSY 320 Theories of Personality

PSY 410 Psychological Tests and Measurements

Biological Bases of Behavior: Three credits

Please select a minimum of one of the following courses:

PSY 318 Sensation and Perception

PSY 418 Physiological Psychology

PSY 430 Human Neuropsychology

Specialized Courses: Six credits

Students must complete two courses from the following list:

PSY 203 Groups and Teams

PSY 304 Job Satisfaction and Motivation

PSY 305 Leadership in Organizations

PSY 403 Seminar in Diversity at Work

PSY 404 Measuring Work Behavior

Advanced Courses: Six credits

Students must complete two courses from the following list:

PSY 301 Abnormal Psychology

PSY 325 Health Psychology

PSY 460 Seminar in Psychology

PSY 496 Psychology Internship: Group Supervision

or

PSY 497 Psychology Internship: Individualized

Recommended Course Sequence

First year

- PSY 100 General Psychology
- PSY 101 Introduction to the Psychology Major
- PSY 202 Social Psychology
- LAC TIER I Courses - Mathematics, College Writing, and Health & Wellness
LAC Courses must be taken during the first 30 credits.

Second year

- PSY 227 Behavioral Science Statistics
- PSY 303 Industrial Organizational Psychology
- 200- level courses from the I/O Psychology Concentration (see list above)
- LAC Tier II Courses
- Other Electives

Third year

- PSY 217 Research Methods I

- PSY 327 Research Methods II (students must complete PSY 227 and PSY 217 with a grade of C or better before taking PSY 327)
- PSY 200-and 300- level courses from the I/O Psychology Concentration (see list above)
- LAC Tier II Courses and Electives

Fourth year:

- PSY 409 Current Research in Psychology
- PSY 419 History & Systems of Psychology
- One Specialized I/O course (see list above)
- Electives

Minor: Psychology

The psychology minor consists of 18 credits (excluding PSY 100) which shall include a minimum of nine credits from courses at the 300-level or above and a maximum of 3 credits from the special programs. A minimum of 12 credits in psychology must be completed in residence at Eastern.

Behavior Analysis Certification Preparation

Eastern offers preparation in behavior analysis for careers, graduate school, and national certification at the Associate level. Behavior analysis courses are open to both Psychology and other majors. Courses may also fulfill major requirements. Certain sections of the following courses have been approved by the Behavior Analyst Certification Board (BACB, Inc.) as meeting the coursework requirements for eligibility to take the Board Certified Associate Behavior Analyst Examination (see www.BACB.com):

1. PSY 205: Principles of Learning
2. PSY TBA: Applied Behavior Analysis
3. PSY 407: Learning II

Students seeking certification in behavior analysis should contact Dr. Deirdre Fitzgerald, the behavior analysis course coordinator, to develop a plan of study. Students preparing for certification must meet additional requirements beyond the coursework.

Cognitive Neuroscience Individualized Major

The Psychology Department, in conjunction with several other departments, offers an individualized major in Cognitive Neuroscience. Cognitive neuroscience explores the relationship between the brain, cognitions (thought processes), emotions, and behaviors using a variety of methods. Some examples of the different disciplines and areas of research include but are not limited to psychology, biology, biochemistry, mathematics, and computer science.

Honor Society

Each semester, students are recognized for distinguished academic achievement by being invited to join Psi Chi, the national honor society for psychology. Information regarding qualifications can be found on the psychology department web page.

Courses of Instruction: Psychology

PSY 100 GENERAL PSYCHOLOGY

3 CREDITS

Surveys the methods, findings, and theories of scientific psychology. Research methods, neu-

rosience, human development, learning, sensation and perception, cognition, motivation, personality, abnormal behavior, social behavior and industrial/organizational psychology will be covered. Students are required to participate in psychological research or to complete an alternative writing assignment.

PSY 101 INTRODUCTION TO THE PSYCHOLOGY MAJOR 1 CREDIT

PREREQUISITE: PSY 100

Introduction to the academic and professional aspects of the field and an overview of careers in psychology. The course will develop skills for success in the major including introduction to APA style, critical thinking, research, library research, and information acquisition for psychology. Students will be introduced to careers in psychology and how to create documents needed to secure employment or gain admission into graduate programs.

PSY 202 SOCIAL PSYCHOLOGY 3 CREDITS

PREREQUISITE: PSY 100

Survey of theory and research in social psychology including topics such as attitudes, social perception, interpersonal attraction, aggression, social behavior, social influence and behavior in groups.

PSY 203 GROUPS AND TEAMS 3 CREDITS

This course will explore the dynamics of groups and teams. Course content will include the similarities of and differences between groups and teams, and the dynamics experienced by groups and teams such as cooperation/competition, communication, conflict, and social influence. Topics will be presented in the context of lecture, discussion, and in-class exercises.

PSY 204 PSYCHOLOGY OF THE INFANT AND TODDLER 3 CREDITS

A comprehensive overview of infant and toddler development and major issues involved in understanding the impact of culture and the family upon very young children, focusing on the ages from birth through age 3. Major content areas will include motor, cognitive, language, temperament, social and emotional development.

PSY 205 PRINCIPLES OF LEARNING 3 CREDITS

PREREQUISITE: SOPHOMORE STANDING

Basic current principles of learning. Application to both normal and abnormal behavior, individual and social situations. Behavioral treatment of diverse problems will be studied.

PSY 206 PSYCHOLOGY OF CHILDHOOD 3 CREDITS

The social, emotional, moral and gender-role development of children will be studied in the context of their interrelationships and such variables as peer acceptance, parental child-rearing patterns, sibling status, socioeconomic status and school experience. The focus is on children approximately ages 4 through 12.

PSY 207 MENTAL RETARDATION 3 CREDITS

PREREQUISITE: PSY 100

An introduction to mental retardation and allied behavior with emphasis on behavioral concepts and methods. Analysis of research and case histories in behavior modification. Supervised field experience (Monday evenings) with people classified as mentally retarded.

PSY 208 PSYCHOLOGY OF ADOLESCENCE 3 CREDITS

Adolescent patterns of development and the major issues involved in understanding the impact of culture upon the teenager. An examination of the influence of family, neighborhood,

school, peers and the mass media. The focus is on youth approximately ages 12 through young adulthood.

PSY 210 PSYCHOLOGY OF ADULT DEVELOPMENT

3 CREDITS

PREREQUISITE: PSY 100

The factors affecting individual development during early, middle, and late adulthood. Topics to be studied include personality and cognitive development, intimacy and intimate relationships, parenthood, mid-life crisis, vocational development, misconceptions and realities of aging, and end-of-life issues.

PSY 217 RESEARCH METHODS I

3 CREDITS

PREREQUISITE: PSY 227 AND 6 OTHER CREDITS OF PSYCHOLOGY (EXCLUDING PSY100 AND PSY101)

This course provides an overview of behavioral research including developing hypotheses, research methodologies (experimental, quasi-experimental, co-relational and single case), conducting library research, writing in the style of the American Psychological Association and an introduction to basic statistics. Students will read scholarly journal articles. The culminating activity of the course will be a research proposal for an independent research project that may be conducted in PSY 327 Research Methods II. Completion of MAT 216 recommended.

PSY 227 BEHAVIORAL SCIENCE STATISTICS 4

CREDITS

PREREQUISITE: PSY 100 AND SUCCESSFUL COMPLETION OF UNIVERSITY MATH REQUIREMENTS

An introduction to descriptive and inferential methods used to evaluate psychological research. Topics include measures of central tendency, sampling distributions, variability, probability, and hypothesis testing. Emphasis upon computation and psychological applications of correlational procedures, t-tests, ANOVA, and an introduction to non-parametric statistics and regression analysis. Statistical Package for the Social Sciences (SPSS) will be used.

PSY 300 EDUCATIONAL PSYCHOLOGY

3 CREDITS

PREREQUISITE: PSY 206 OR PSY 208

Factors affecting the learning process in school. Course covers aims of educative process, evaluation of individual differences, personality factors, intelligence, achievement, educational test construction, motivation, problem-solving, concept formation, teacher attitudes, critical incidents in classroom, school and community.

PSY 301 ABNORMAL PSYCHOLOGY

3 CREDITS

PREREQUISITES: PSY 100

Description and interpretation of various disorders of feeling, thinking and behaving included in the DSM-IV. Clinical and experimental data will be applied to selected theoretical issues.

PSY 302 PSYCHOPATHOLOGY OF CHILDHOOD

3 CREDITS

This course provides a description and interpretation of childhood psychological disorders. Areas of study include definitions of disordered behavior, pathology within the context of normal development, assessment strategies, and a focused examination of variables that influence internalizing and externalizing child psychological disorders.

PSY 303 INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY 3 CREDITS

PREREQUISITE: PSY 100

The industrial situation defined in human terms. Analysis of roles and social systems, job satisfaction, psychological factors influencing productivity, personnel selection, placement and evaluation, fatigue, accident prevention, market research, advertising, job analysis and classification, and organizational structure.

PSY 304 JOB SATISFACTION AND MOTIVATION

3 CREDITS

PREREQUISITES: PSY 100 AND PSY 303 OR CONSENT OF INSTRUCTOR

This course will cover the theories that help to explain why people like (or dislike) their jobs and how they can be motivated to perform more effectively. The course will also cover how satisfaction and motivation are measured and the types of programs that can be designed to improve both satisfaction and motivation. The role of satisfaction and motivation in recruiting and retaining employees will also be discussed.

PSY 305 LEADERSHIP IN ORGANIZATIONS

3 CREDITS

PREREQUISITE: PSY 100 AND PSY 303 OR CONSENT OF INSTRUCTOR

This course will introduce students to key theories of leadership (traits, behaviors, situational, etc.), the process of leadership, and the desirable and undesirable outcomes of leadership. Through activities and studies of historic leaders, students will also gain a better understanding of their own leadership capability.

PSY 306 COGNITIVE PSYCHOLOGY

3 CREDITS

PREREQUISITE: AT LEAST SIX HOURS OF PSYCHOLOGY ABOVE 100 LEVEL

This course is an introduction to the scientific study of human cognition. Cognition is a broad term referring to the many types of information processing which the brain/mind accomplishes. Course topics include an introduction to cognitive psychology, sensation and perception, attention, memory, language, problem solving, reasoning, and decision making.

PSY 315 (WST 315) PSYCHOLOGY OF GENDER

3 CREDITS

Examines the biological and psychological development of sex differences. It explores the research and controversies in the areas of intelligence, ability, and personality, and includes the historical and current feminist perspectives.

PSY 318 SENSATION AND PERCEPTION

3 CREDITS

PREREQUISITE: PSY 100

An introduction to the study of sensory system processes and their relations to perception. Visual and auditory systems will be emphasized; other areas to be covered include the cutaneous and chemical senses.

PSY 319 HUMAN SEXUALITY

3 CREDITS

Human Sexuality is a course that presents an overview of biological, psychological, behavioral, environmental, and sociological factors concerning human sexuality. Topics will cover the basics of human anatomy, sexual cycles/phases, an understanding of sexual research, sexual orientation, sex/health education, sexual disorders and society's current attitudes about sex .

PSY 320 THEORIES OF PERSONALITY

3 CREDITS

PREREQUISITES: PSY 100

A scientific study of research methods, assessment and core tenets of personality theories. The content will include an overview of the trait, biological, psychodynamic, humanistic, cognitive, cultural and behavioral theories.

PSY 322 HUMAN SEXUALITY**3 CREDITS**

Human Sexuality is a course that presents an overview of biological, psychological, behavioral, environmental, and sociological factors concerning human sexuality. Topics will cover the basics of human anatomy, sexual cycles/phases, an understanding of sexual research, sexual orientation, sex/health education, sexual disorders and society's current attitudes about sex.

PSY 325 HEALTH PSYCHOLOGY**3 CREDITS**

PREREQUISITE: PSY 100

Health psychology is a diverse and rapidly growing field that applies psychological principles to all aspects of health behavior. This course examines the theoretical, empirical, and historical bases for health psychology, as well as the ways in which it is currently applied by health professionals. Topics covered will include the effects of stress, the determinants of addictive behavior, the impact of psychological factors on physical health, doctor-patient relationships, and the causes and treatment of chronic pain.

PSY 327 RESEARCH METHODS II**4 CREDITS**

PREREQUISITE: C OR BETTER IN PSY 217 AND PSY 227

Research Methods II is a continuation of Research Methods I (PSY 217) and focuses on providing in-depth coverage of research methodologies including co-relational and experimental designs. Students will carry out independent undergraduate-level research projects (typically those proposed in PSY 217). This course covers the conception and implementation of co-relational and experimental research, ethics, statistical analyses and the writing of research reports in APA style. Students will gain practical experience in research through lab assignments in research design, statistics and SPSS.

PSY 330 EVOLUTIONARY PSYCHOLOGY**3 CREDITS**

This class explores how the human mind and behavior have been shaped by evolution. The focus will be on why the mind is shaped the way it is and the functions different psychological mechanisms serve. Topics covered: natural selection, sexual selection, evolutionary arms races, female and male mate choice (and how they are different/similar), good genes sexual selection, pregnancy sickness, family relationships, cooperation, emotion and aggression.

PSY 402 CURRENT RESEARCH IN CHILD PSYCHOLOGY**3 CREDITS**

PREREQUISITE: PSY 217 and PSY 227

In-depth study of recent research on child and adolescent behavior. Primary journal research articles in areas of child development, pathology, therapy, and family influences will be analyzed in terms of theoretical foundations, experimental rigor, and practical application.

PSY 403 SEMINAR IN DIVERSITY AT WORK**3 CREDITS**

PREREQUISITE: PSY 100 AND PSY 303 OR CONSENT OF INSTRUCTOR

Students will explore the challenges of leading and motivating employees with different backgrounds. Research on affirmative action, sexual harassment, prejudice and discrimination, managing diversity, and multiculturalism will be discussed. Definitions of diversity will be expanded to include differences in communication styles, personalities, physical disabilities, sexual orientation, and family situations.

PSY 404 MEASURING WORK BEHAVIOR**3 CREDITS**

PREREQUISITE: PSY 100 AND PSY 303 OR CONSENT OF INSTRUCTOR

This course will explore how and why work behaviors are measured. Topics include the test-

ing of job applicants, measuring/appraising performance on the job, measuring employee attitudes/morale, and measuring the behavior of work groups. The word “behavior” will be broadly defined to include all of the above.

PSY 407 LEARNING II: THEORIES AND ISSUES **3 CREDITS**

PREREQUISITE: PSY 205 OR CONSENT OF INSTRUCTOR

Examination of classic and current theories of learning and their intellectual antecedents. In-depth examination of Pavlovian and operant conditioning and the aversive control of behavior, including controversial issues, theoretical issues, unresolved problems, and representative application.

PSY 409 CURRENT RESEARCH IN PSYCHOLOGY **3 CREDITS**

PREREQUISITE: PSY 217 and PSY 227

In depth study of recent research in psychology. Primary journal articles in areas of neuroscience, human development, learning, cognition, motivation, personality, abnormal behavior, social behavior, and industrial-organizational psychology will be analyzed in terms of theoretical foundations, experimental rigor, and practical application.

PSY 410 PSYCHOLOGICAL TESTS AND MEASUREMENTS **3 CREDITS**

PREREQUISITE: PSY 227 OR ONE STATISTICS COURSE

The measurement of human behavior through psychological testing. Considers construction and use of psychological tests, methods of determining reliability and validity, and current issues in psychological testing. Introduction to tests of intelligence, achievement, interest and personality.

PSY 418 PHYSIOLOGICAL PSYCHOLOGY **3 CREDITS**

PREREQUISITES: 9 CREDITS OF PSYCHOLOGY OR CONSENT OF INSTRUCTOR

An examination of the physiological processes underlying behavior. Analysis of stimulus reception through sensory processes, electrical and chemical aspects of the nerve impulse, cortical functioning and control, effector mechanisms, sleep and wakefulness, developmental synthesis of behavior, and the physiological components of motivation and emotion.

PSY 419 HISTORY AND SYSTEMS OF PSYCHOLOGY **3 CREDITS**

PREREQUISITES: 9 CREDITS OF PSYCHOLOGY OR CONSENT OF INSTRUCTOR

The historical development of psychology as a science. Critical examination of the classical systems of psychology, their philosophical antecedents, and contemporary developments.

PSY 430 HUMAN NEUROPSYCHOLOGY **3 CREDITS**

PREREQUISITE: PSY 100

Study of the organization of the nervous system, functional neuroanatomy, neuropathology, neurological disorders, behavioral neurology, and clinical neuropsychology.

PSY 435 CONTROVERSIES IN CHILD PSYCHOLOGY **3 CREDITS**

PREREQUISITE: COMPLETED 45 CREDITS

Seminar discussion course examines current controversies in child psychology. Students will vocally participate in class discussion of current controversies in child psychology. Students will formulate, defend, and reconsider their positions.

PSY 450 CLINICAL AND COUNSELING PSYCHOLOGY **3 CREDITS**

Students will learn basic skills and techniques of different empirically-supported therapies and assessment methods through class discussions and activities. Students will also review

and critically discuss other applied aspects important in the fields of counseling and clinical psychology. This course will not include practicing counseling and clinical skills with patients in a field placement setting.

PSY 460 SEMINAR IN PSYCHOLOGY

3 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

NOTE: MAY BE REPEATED WITH CHANGE OF TOPIC.

In-depth study of specific topic in psychology utilizing primary sources and relevant psychological literature.

SPECIAL PROGRAMS: NOTE FOR PSY 480, 490, 496, 497, AND 498

These courses are for second-semester juniors and seniors with a minimum grade point average of 3.0 in psychology. Students may earn a total of six credits taking any combination of the above courses to be applied to the 35-credit requirement for majors. Under exceptional circumstances, a student may apply for up to six credits for any of the listed courses. Registration is dependent upon availability of placements in various outside agencies; a placement cannot be guaranteed in any given semester.

You may repeat Special Programs courses as often as you like, but only three credits count towards your specific concentration, and only six credits may count towards the 35 credits you need to graduate with a B.A. in psychology. You may use as many credits as you like to meet the Eastern graduation requirement of 120 credits.

PSY 480 INDEPENDENT STUDY

3 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

Supervised research on acceptable psychological topic with associated readings. An honors course for seniors and second semester juniors. Term research project.

PSY 490 TEACHING ASSISTANTSHIP

3 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

NOTE: OPEN ONLY TO ADVANCED STUDENTS WITH DEPARTMENTAL APPROVAL.

Students serve as teacher's aides, usually in first- and second-year classes or assist faculty with research.

PSY 491 RESEARCH ASSISTANTSHIP

3 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

Students will assist faculty members with their research. By assisting in current research project(s), the student will gain experience in one or more of the following: research design, data collection, data entry using SPSS, data analysis, and/or the interpretation of data.

PSY 496 PSYCHOLOGY FIELD EXPERIENCE: GROUP SUPERVISION

3 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

An experiential learning course where students participate in an internship at a social service setting such as a hospital, clinic, human service agency, group home, school counseling office, corrections, or specialized classroom. The student acquires knowledge regarding methods of intervention and the treatment philosophy of the placement agency by participating in an observational and supportive role. Students participate on site for a minimum of 8 hours per week. On-campus supervision addresses ethical issues, including confidentiality.

PSY 497 PSYCHOLOGY FIELD EXPERIENCE: INDIVIDUALIZED

3 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

An experiential learning course where students participate in an internship at an industrial

organizational business or a social service setting such as a hospital, clinic, human service agency, group home, school counseling office, corrections site, or specialized classroom. The student acquires knowledge regarding methods of intervention and the treatment philosophy of the placement agency by participating in an observational and supportive role. Students participate on site for a minimum of 8 hours per week. On-campus supervision addresses ethical issues, including confidentiality.

PSY 498 RESEARCH FIELD EXPERIENCE

3 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

A field placement intended to develop research skills by allowing the student to participate in the programs of a selected agency or department which is actively involved in research. By assisting in a current research project or projects, the student will gain experience in one or more of the following: research design, the collection and analysis of data, and/or the interpretation of data. Students participating in the practicum are obligated for the equivalent of one day per week.

PUBLIC POLICY AND GOVERNMENT

See Political Science

SOCIOLOGY, ANTHROPOLOGY AND SOCIAL WORK

Chairperson: *Robert J. Wolf*

Professors: *Kimberly Dugan, Margaret Martin, Andrew Nilsson, James W. Russell*

Associate Professors: *Dennis Canterbury, Mary Kenny, Eunice Matthews-Armstead, William Lugo, Ricardo Perez, Theresa Severance, Robert J. Wolf*

Assistant Professors: *Cara Bergstrom-Lynch, Nicholas Parsons*

Major: Sociology

Robert J. Wolf, *Coordinator*

Objectives

The Sociology major is designed to contribute to the overall intellectual and personal development of liberal arts students and provide them with backgrounds useful for careers in a variety of fields. Graduates are employed in community, business, and organizational settings, and attend graduate school in sociology, social work, law, and other fields. Practicum and internship courses give students an opportunity to gain experience in one or more field placement settings to complement classroom instruction.

Admission to the Program

Students wishing to major in sociology should contact the department chairperson prior to the junior year to facilitate planning a sequence of required and elective courses. Transfer students should contact the chairperson of the department when they request admission to the University.

Degree Requirements

SOC 100	Introduction to Sociology
SOC 300	Sociological Theory
SOC 350	Methods of Social Research
SOC 351	Statistics for Social Research
SOC 400	Senior Seminar
SOC/ANT***	18 credits of electives, up to six of which may be ANT, the remainder to be SOC courses.

The student should come as close as possible to the following sequence:

Freshman year	SOC 100
Sophomore year	No required courses
Junior year	SOC 300, 350
Senior year	SOC 351, 400

Recommended Course Sequence, Major in Sociology (B.A.)

Check all courses for prerequisites before planning course schedule.

First Year

SOC 100	Introduction to Sociology	3
	LAC Tier I	18-27
	Total	30 credits

Second Year

	Foreign Language requirement	0-6
SOC ***	One or two SOC courses	3-6
	LAC Tier II	12-21
	Total	30 credits

Third Year

SOC 300	Sociological Theory	3
SOC 350	Methods of Social Research	3
SOC ***	One or two SOC courses	3-6
	Total	30 credits

Fourth Year

SOC 351	Statistics for Social Research	3
SOC 400	Senior Seminar	3
SOC ***	SOC elective credits to total	18
	Total	30 credits

In order to graduate with a B.A. in Sociology, a student must have an overall average of 2.0 in both the set of required courses listed above and in all of the courses which are counted toward the major. Students are advised not to take more than one required course per semester.

Minor: Criminology

The Criminology minor examines the nature of criminal law, the causes and consequences of criminal behavior, and societal responses to crime and offenders. The influence of social inequality and diversity on crime-related issues is also highlighted. Students with career interests in both the adult and juvenile systems-including law enforcement, court systems, and corrections-as well as those wishing to pursue graduate or law degrees, will find the criminology minor an excellent base.

The criminology minor consists of 18 credits.

Required Courses: 9 credits

SOC 101	Criminal Justice and Society
SOC 309	Criminology
SOC 375	Seminar and Field Instruction
or	
SOC 490	Internship in Criminology

Crime Topics Electives: 6 credits

Choose any two:

SOC 209	Juvenile Delinquency
SOC 220	Sociology of Corrections
SOC 310	Women and Crime
SOC 311	Drugs and Society
SOC 315	Crime and Media
SOC 318	Violence in Relationships

SOC 325	Law and Society
ANT 358	Anthropology of Violence

Social Inequality/Diversity Electives: 3 credits

Choose one:

SOC 208	Gay, Lesbian and Bisexual Lives
SOC 240	Sociology of Gender
SOC 250	Social Inequality
SOC 307	Deviance
SOC 312	Sociology of Mental Illness
SOC 346	Race and Ethnic Relations
ANT 225	Contemporary Puerto Rican Culture
ANT 240	Latinos in the United States
ANT 345	Transnational, Racial, and Ethnic Identity

Other courses may be considered for equivalency or substitution for any of the above courses with the permission of the coordinator of the criminology minor. Criminology minors may use up to 9 credits of criminology courses toward the sociology major.

Minor: Anthropology

Associate Professors: *Mary Kenny, Ricardo Perez*

The Anthropology minor helps the student understand cultures throughout the world. The study of cross-cultural issues is important for many fields, and anthropology has long been recognized as a leading discipline in the development of concepts and knowledge regarding culture, prehistory, evolution and linguistics. The anthropology minor is an ideal complement to many majors, including history, psychology, sociology, political science, communications, economics, and business administration. Anthropology is an excellent background for those who wish to develop careers or have graduate education in policy, development, teaching, or other service professions.

The anthropology minor consists of 15 credits, which must include ANT 106 (Introduction to Cultural Anthropology) and any 12 additional anthropology credits.

Minor: Sociology

15 credits labeled SOC, of which only three credits may be at the 100 level, and nine credits of which must be at the 300 level or above, are required for the minor.

Courses of Instruction: Sociology, Anthropology and Social Work

ANT 106 CULTURAL ANTHROPOLOGY 3 CREDITS

Analysis of culture patterns of different societies, both preliterate and modern. Theoretical consideration of development of humans as cultural beings.

ANT 125 INTRODUCTION TO ARCHAEOLOGY 3 CREDITS

Introduces students to key archaeological concepts, methods, sites, cultures around the world. Spans the time from the emergence of human beings to the dawning of the modern era, with special attention to the development of agriculture, urbanism, and social differentiation in many societies. Provides an overview of the methods archaeologists use to gain information about the intangible aspects of societies-including class structure and religious beliefs-by analyzing material culture.

ANT 201 (CAS 201) INTRODUCTION TO CANADIAN STUDIES 3 CREDITS

This course is an overview of Canadian society and culture. A fundamental question to consider is why and how Canada developed as it did and evolved into a nation whose values and social, political, and economic systems are in contrast to that of the United States.

ANT 221 NATIVE AMERICANS 3 CREDITS

Introduces the student to the cultures of the indigenous peoples and nations of North America, with an emphasis on the Native Americans (American Indians) who are within the United States. The course includes readings, lectures, videos and discussion. The topics include pre-historical and contemporary ethnographic material.

ANT 222 (CAS 222) NATIVE PEOPLES OF CANADA 3 CREDITS

This course explores the cultures of the native people of Canada, including the Indians, Inuits and Metis from prehistory to the present. The course will involve readings, lectures, films, the writing of papers and class participation.

ANT 225 CONTEMPORARY PUERTO RICAN CULTURE AND SOCIETY 3 CREDITS

This course provides a comprehensive analysis of the historical, cultural, and political aspects shaping contemporary Puerto Rican society. It explores Puerto Rico's current relationship with the United States and considers the factors promoting Puerto Rican migration to the United States mainland. It emphasizes the significant role that culture plays in maintaining and negotiating Puerto Rican identity, both in the island and the diaspora. The course involves lectures, video presentations, and invited speakers.

ANT 240 LATINOS IN THE U.S. 3 CREDITS

Presents a comparative perspective of the history and culture of the most representative Latino groups in the United States, namely Mexicans, Puerto Ricans, and Cubans. Considers the situations of other Latino groups (Dominicans, Colombians, Guatemalans, etc.) whose populations have increased considerably in the last decade. Introduces students to the analysis of the histories of Latino immigration to the United States and more recent debates pertaining to the construction and maintenance of Latino identities in the diaspora.

ANT 300 (WST 300) WOMEN & WORK 3 CREDITS

The course will examine the complex relationship between gender and work in the U.S. and internationally. Particular attention will be given to historical processes, such as colonization, slavery, and the "feminization of migration," specifically in the private and service sectors as nannies, maids, nurses, wives and sex workers. We will examine differentiation and inequality by gender, class, ethnicity, race and region. We will review the debates in the literature with a close examination of the dynamics of contemporary issues: paid and unpaid work; women in the formal and informal labor markets and the global economy; and feminist labor movements.

ANT 330 CROSS-CULTURAL STUDY 3 CREDITS

PERMISSION OF INSTRUCTOR REQUIRED

This field course will provide students with an intensive introduction to the culture, art, history, and language of a particular country. The seminar in international study, ANT 331, is a mandatory co-requisite. This course can be used as an elective or minor course.

ANT 331 SEMINAR IN INTERNATIONAL STUDY 1 CREDIT

PERMISSION OF INSTRUCTOR REQUIRED. CO REQUISITE: ANT 330
SEMINAR IN INTERNATIONAL STUDY

This course is a preparation seminar for students participating in Anthropology 330, Cross-Cultural Study. Seminars provided students with background materials and extensive discussion prior to the field experience. This course can be used as an elective or minor course.

ANT 332 ECONOMIC ANTHROPOLOGY 3 CREDITS

Provides an introduction to the anthropological analysis of economic systems and their broader socio-cultural contexts. Through the study of ethnographic case studies, class discussion of assigned readings, and video presentations, the students will learn about the relationships between the economy and culture.

ANT 337 URBAN ANTHROPOLOGY 3 CREDITS

This course explores selected topics in urban anthropology through readings, lectures, discussions, films, and speakers. Examines the current literature on the theories, ethnographic methods, and case studies of urbanization in selected communities of Latin America, Africa, Asia and North America.

ANT 345 RACE, ETHNICITY AND TRANSNATIONAL IDENTITY 3 CREDITS

Explores the formation of transnational, national, racial, and ethnic identity in a number of settings. Readings will explore the global economic, social, cultural, and political forces that contribute to identity formation, as well as immigration, culture change, xenophobia, and cultural fundamentalism.

ANT 358 ANTHROPOLOGY OF VIOLENCE 3 CREDITS

Through ethnographic case studies, autobiographies and films we will examine violence, the evolution, impact, and consequences of ethnic conflict, torture, genocide and inter-group conflict and competition. We will examine how notions of national, ethnic, racial, and religious identities are manipulated in order to foment violence, and the consequences of violence in local communities. Overall, we examine the meaning given to violence at a local level and the association between “culture” and violence. This course serves as an elective course for fulfillment of the criminology minor.

ANT 364 MEDICAL ANTHROPOLOGY 3 CREDITS

This course explores the theories and methods of medical anthropology, the study of human health in cultural and environmental context. The course involves readings, lectures, films, guest lectures, field trips to health agencies and the writing of papers. The final papers will involve research into an aspect of culture and its impact on disease and health.

ANT 365 SPECIAL TOPICS 3 CREDITS

PREREQUISITE: CONSENT OF THE INSTRUCTOR

ANT 492 INTERNSHIP IN ANTHROPOLOGY 3 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR AND DEPARTMENT CHAIRPERSON REQUIRED.

Work with a faculty member in conducting an academic course offered by the department. Student may present lectures, conduct discussions, lead study groups, and/or work with individual students

Courses of Instruction: Sociology, Anthropology and Social Work

SOC 100 INTRODUCTION TO SOCIOLOGY

3 CREDITS

NOTE: SOC 100 IS REQUIRED OF ALL MAJORS.

An introduction to sociological concepts and their application to the analysis of social behavior. Major areas of emphasis are socialization of the individual, groups, culture, social interaction, social structure, and social change.

SOC 101 CRIMINAL JUSTICE AND SOCIETY

3 CREDITS

Sociological and historical survey of justice. Emphasis on Western justice and roles of judiciary, state police and municipal police. Cannot be taken by students who have taken CRJ 101.

SOC 107 SOCIAL PROBLEMS

3 CREDITS

A critical examination of social problems through readings, discussion, and student research. Topics may include racism, poverty, sexism, health, and welfare.

SOC 174 (HIS 174, PSC 174, FYR 174) RESOURCES, RESEARCH AND RESPONSIBILITIES

1 CREDIT

This class is designed to introduce students to academic skills, university resources, and student life and encourage them to be involved and responsible members of the university community. Specific skills include reading for comprehension, effective note taking, writing skills, and research, both traditional (library self-resources) and innovative (Internet, databases, etc.), with emphasis on the skills necessary for success in specific discipline. Areas of student campus life including autonomy, wellness, decision making, time management, and maturity in dealing with people of different traditions, backgrounds and identities will be included, with emphasis placed on the relationship between these issues and academic success.

SOC 200 SOCIOLOGICAL SOCIAL PSYCHOLOGY

3 CREDITS

Examines the development, nature, and importance of the self as both product of, and basis for, social interaction, and the relationship of the self to social structure. Looks at the articulation of the individual, groups, society, and culture.

SOC 208 (WST 208) GAY, LESBIAN, AND BISEXUAL LIVES

3 CREDITS

The class is an exploration into a range of topics in the lives of gay, lesbian, and bisexual people and the society and culture in which they exist. Topics may include: definitions; historical context; transgender issues; social movement emergence; identity issues; identity politics; reactions of society to gay people; information about homosexuality; understanding of attitudes and policies towards gays; family issues; gay culture, community, and diversity. Helps students to understand and relate to the diversity of gay, lesbian, and bisexual persons in everyday life.

SOC 209 JUVENILE DELINQUENCY

3 CREDITS

Legal and social definitions, measurement, changing patterns, types of offenses, and theories to explain juvenile delinquency. Juvenile justice, corrections, and innovations in treatment examined with a view toward long-term improvement in existing methods of social control.

SOC 212 (WST 212) SOCIOLOGY OF FAMILIES

3 CREDITS

Changes in the structure of family life and patterns of child rearing, and developments affecting contemporary living.

SOC 220 SOCIOLOGY OF CORRECTIONS**3 CREDITS**

Study of modern system of incarceration, role of courts, parole board, citizen groups and modern philosophy of corrections.

SOC 240 SOCIOLOGY OF GENDER**3 CREDITS**

This course analyzes gender as a social construction, including cross-cultural perspectives on gender and the gendered interactions and structures of social life. Topics may include: how gendered bodies are made, maintained, and challenged; dynamics of masculinities and femininities; the role the state plays in regulating gender; and how worlds of work and families create and reinforce gendered constructions. Intersections of race, sexuality, social class, and gender are emphasized throughout.

SOC 250 SOCIAL INEQUALITY**3 CREDITS**

The meaning of social inequality based on factors such as class, race, gender, ethnicity, sexual orientation, and other forms of social differentiation. Examination of socially constructed inequality as it affects the individual and the social structure

SOC 275 THE SOCIOLOGY OF GLOBALIZATION**3 CREDITS**

Studies historical and current social, political, economic and cultural globalization of the capitalist system.

SOC 276 CARIBBEAN SOCIAL STRUCTURE**3 CREDITS**

A critical study of Caribbean social structure focusing on political, economic, and social settings primarily in the English-speaking countries in the region.

SOC 300 SOCIOLOGICAL THEORY**3 CREDITS**

PRE-REQUISITE: SOC 100, OPEN ONLY TO MAJORS IN SOCIOLOGY

A theoretical analysis of major concepts, schools of thought, and thinkers in sociology, with stress on the integration of theory and application.

SOC 301 QUALITATIVE METHODS**3 CREDITS**

An investigation of non-quantitative methods of studying sociological phenomena. Methods include case studies, in-depth interviews, genograms, non-interval scale analysis, unobtrusive measures, and ethnology. Research and applied uses of methods are included.

SOC 307 DEVIANCE**3 CREDITS**

Behaviors labeled as deviant in American society, such as alcohol abuse, sexual deviance, violence, and mental illness; effects of the labeling process on “deviants” and on society as a whole. Sociological theories of deviant behavior are presented and assessed.

SOC 309 CRIMINOLOGY**3 CREDITS**

An examination of social definitions of and responses to crime, and of the incidence, theories of causation, characteristic patterns, and treatment of criminal behavior.

SOC 310 (WST 310) WOMEN AND CRIME**3 CREDITS**

Examines the involvement of women and girls in the criminal justice system from a sociological perspective. Explores a variety of issues relevant to women and girls as victims, offenders, and working professionals within the criminal justice system.

SOC 311 DRUGS AND SOCIETY**3 CREDITS**

The purpose of this course is to critically examine drugs and drug use from a sociological perspective. Topics include the effects of drugs, theories of drug use, consequences of drug

use, and the historical evolution of American drug laws and attitudes toward drugs. Attention will also be given to the social construction of drug scares, as we examine how various social institutions (e.g., mass media, polity, economy, science) contribute to public and legal definition of drugs. We will also analyze some of the popular myths and misunderstandings about drugs and drug users.

SOC 312 SOCIOLOGY OF MENTAL ILLNESS

3 CREDITS

Examines relationships between physiological and sociological “causes” of mental illness. Views the process of becoming mentally ill, being treated, and being released from the hospital. The consequences of these processes are examined.

SOC 315 CRIME AND MEDIA

3 CREDITS

Examines the interrelationships among crime, the media, and public perceptions of the criminal justice system, offenders, and crime. The specific media or medium and selected topics will vary.

SOC 320 VIDEO GAMES AND SOCIETY

3 CREDITS

It has been widely accepted that movies impact and offer a representation of how we perceive our world, yet few had made a similar connection with video games. This course offers a general overview of video games in U.S. society and how they impact our perceptions of race, gender, and history, as well as how they offer a cultural blueprint of society.

SOC 325 LAW AND SOCIETY

3 CREDITS

An investigation of the role and function of legal systems in society. Cultural and ethical bases of law, with particular emphasis on United States, Constitutional Law, and First Amendment and Fourteenth Amendment cases.

SOC 340 SOCIOLOGY OF WORLD RELIGIONS

3 CREDITS

This course examines major world religions from historical and current perspectives and, also, the functions of religions in various cultures. Emphasis is placed on the interrelationships between religions and their host states as well as religion and other social institutions.

SOC 346 RACE AND ETHNIC RELATIONS

3 CREDITS

PREREQUISITE SOC 100

This course will examine from a socio-historical perspective the nature of race and ethnic relations in the United States. This course will begin with an examination of theories regarding the dynamics of race and ethnic relations from various perspectives. It will then explore the complex and difficult question of how race and ethnicity shape social life in America, and conclude with a critical discussion of proposals for the resolution of the race problem in this country.

SOC 347 (WST 347) BLACK WOMEN'S STUDIES

3 CREDITS

This course examines the complex experience of being a black woman in America. It addresses such topics as identity, black feminism, black/white sisterhood, social mobility, and activism from a socio-historical perspective.

SOC 350 METHODS OF SOCIAL RESEARCH

3 CREDITS

PRE-REQUISITE: SOC 100

NOTE: OPEN ONLY TO MAJORS IN SOCIOLOGY, ANTHROPOLOGY AND SOCIAL WORK

Designed to familiarize students with various methodological techniques of sociological and social work research. Students may undertake research and gather and analyze data.

SOC 351 STATISTICS FOR SOCIAL RESEARCH**3 CREDITS**

PRE-REQUISITE: SOC 100

NOTE: OPEN ONLY TO MAJORS IN SOCIOLOGY, ANTHROPOLOGY AND SOCIAL WORK

Focuses on descriptive and inferential statistics used in sociology, social work and anthropology. Sampling procedures are explored. Non-parametric statistics are considered. Students are introduced to the statistical package SPSS.

SOC 355 LATIN AMERICA: STRUCTURE, CHANGE, AND DEVELOPMENT**3 CREDITS**

Analysis of the development of economic, social and political structures in Latin America. Topics include pre-Columbian structures, feudal and colonial legacies, dependency, development and revolutionary change.

SOC 356 AMERICA LATINA: ESTRUCTURA, CAMBIO Y DESAROLLO**3 CREDITS**

This is SOC 355 taught in Spanish.

SOC 357 THE SOCIOLOGY OF DEVELOPMENT**3 CREDITS**

This course undertakes a study of the theories of development, underdevelopment, and post-development. It introduces students to the problems of social, political and economic development globally.

SOC 358 SOCIOLOGY OF LABOR**3 CREDITS**

A critical study of labor-capital relations in the capitalist labor process that explores the relationship between the production of goods and services and the reproduction of domestic and personal relations.

SOC 373 COLLECTIVE BEHAVIOR AND SOCIAL MOVEMENTS 3 CREDITS

PREREQUISITE: SOC 100

The course focuses on how people act together to pursue collective political goals through extra-institutional means-when and why people go outside of the conventional political system to address issues important to them. The course will familiarize students with scholarly research and theories pertaining to the study of social movements and collective behavior, allow for an understanding of the significance of social movement and collective action for social change, and introduce students to field research methods that allow for examination of contemporary movements.

SOC 375 SEMINAR AND FIELD INSTRUCTION IN SOCIOLOGY 6 CREDITS

PREREQUISITES: CONSENT OF INSTRUCTOR.

NOTE: OPEN ONLY TO MAJORS IN SOCIOLOGY AND CRIMINOLOGY MINORS.

Intensive field experience in a variety of applied settings, including mental health facilities, correctional institutions, alcohol and drug rehabilitation programs, and community organizations, as well as other settings.

SOC 400 SENIOR SEMINAR**3 CREDITS**

NOTE: OPEN ONLY TO MAJORS IN SOCIOLOGY WHO HAVE COMPLETED 90 CREDITS. FILLS WRITING-INTENSIVE COURSE REQUIREMENT LAC TIER III.

An integration of knowledge acquired by the students, assessing skills and insights acquired for use and application in the community.

SOC 465 (WST 465) STUDIES IN SOCIOLOGY **3 CREDITS**

PREREQUISITE: CONSENT OF THE INSTRUCTOR MAY BE REQUIRED FOR SOME OFFERINGS. MAY BE REPEATED FOR CREDIT WITH A TOPIC CHANGE.

Advanced investigation and analysis of selected topics in Sociology, Anthropology and Social Work. Topics to be determined by student request and/or instructor interest.

SOC 480-481 INDEPENDENT STUDY **1-6 CREDITS EACH**

PREREQUISITE: CONSENT OF INSTRUCTOR AND DEPARTMENT CHAIRPERSON REQUIRED.

Enrollment is limited. Credits to be arranged. Independent investigation of literature and research in a topic area conducted under the guidance of the instructor.

SOC 490 INTERNSHIP IN APPLIED SOCIOLOGY OR CRIMINOLOGY I
3-6 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR AND DEPARTMENT CHAIRPERSON REQUIRED.

A maximum of 15 credits in the field can be counted toward the degree in Sociology, Anthropology and Social Work. Credits to be arranged. Practical experience in the relevance of sociological or criminological concepts in applied settings under supervision of university faculty and field personnel.

SOC 491 INTERNSHIP IN APPLIED SOCIOLOGY OR CRIMINOLOGY II
3-6 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR AND DEPARTMENT CHAIRPERSON REQUIRED

A maximum of 15 credits in the field can be counted toward the degree in Sociology, Anthropology and Social Work Credits to be arranged. Practical experience in the relevance of sociological or criminological concepts in applied settings under supervision of university faculty and field personnel.

SOC 492 INTERNSHIP IN SOCIOLOGY **3 CREDITS**

PREREQUISITE: CONSENT OF INSTRUCTOR AND DEPARTMENT CHAIRPERSON REQUIRED.

Working with a faculty member in conducting an academic course offered by the department. Student may present lectures, conduct discussions, lead study groups, and/or work with individual students.

SOC 493 INTERNSHIP IN SOCIAL RESEARCH **3 CREDITS**

PREREQUISITE: CONSENT OF INSTRUCTOR REQUIRED.

Practical experience in the conduct of social research under the supervision of a faculty instructor.

Major: Social Work

Margaret E. Martin, *Field Coordinator*

Andrew T. Nilsson, *Program Coordinator*

Objectives

The Social Work major leading to a Bachelor of Arts degree in Social Work (B.S.W.) combines a liberal arts perspective with professional foundation content including social work

values and ethics, diversity, social and economic justice, populations-at-risk, human behavior and human rights, social welfare policy and services, social work practice, research, and field work experience. It prepares effective generalist social workers who advance human well-being, draw upon client strengths in practice, empower the oppressed, and are committed to the promotion of social justice. The social work program is accredited by the Council on Social Work Education. Additional information about the social work program is available on the program's web site at www.easternct.edu/socialwork.

Social Work Program

Admission to the Social Work Major

Admission to the social work major is competitive and is not guaranteed by admission to Eastern Connecticut State University. Students should apply for admission to the major following completion of approximately 45 credits, including SWK 200 or an equivalent course. Transfer students are encouraged to contact the program coordinator to discuss their plan of study.

Application decisions are based on:

- Completion of SWK 200 Introduction to Social Work or an equivalent course and at least four of the five social work foundation areas.
- Grade point average, with special attention given to grades earned in liberal arts foundation and professional foundation courses. A GPA of at least 2.3 (C+) is preferred. Since admission to the Social Work major is based on a variety of variables in addition to GPA, all students with a strong desire to be social workers are encouraged to apply.
- Number of social work program liberal arts foundation areas completed (at least four required prior to admission.)
- Evidence of the applicant's commitment to the ideals and practice of the social work profession
- The applicant's potential for enriching diversity in the social work program through life experience or membership in an underrepresented demographic group
- Personal behavior and classroom performance demonstrating likelihood for adherence to the ethical expectations and obligations of professional social work practice as contained in the National Association of Social Workers Code of Ethics.

Application forms for admission to the social work major may be obtained from the social work program office or from the program's web site. Admissions materials should be submitted to the social work program coordinator by January 31 in order to begin the social work major the following fall semester.

Social Work Program Academic Requirements and Expectations

The social work program recognizes its responsibility as gatekeeper to the profession to insure the safety of clients who will be served by program graduates. Academic standards enforced by the program, therefore, include both competence in social work knowledge, values, and skills as demonstrated by students' classroom and field agency performance; and classroom, university, field agency, and community behavior reflecting responsibility, moral awareness, self-understanding, and concern for the welfare of others. Students must earn a grade of "C" or better in all required SWK courses beyond the liberal arts foundation level. Grades of less than "C" in the listed courses may delay admission into further courses in the sequence of

study or suspension or dismissal from the social work major. Violation of social work program academic standards including scholastic, ethical, and conduct standards in the classroom, a field placement, the University, or the community will result in a review of the student's performance in the social work program and may result in dismissal from the social work major.

Social Work Honor Society

During the spring semester of each year outstanding social work seniors are invited to join Phi Alpha, the national social work honor society. Criteria for membership in Phi Alpha include an overall grade point average of 3.0 or better and at least 3.5 in social work courses.

Required Courses and Recommended Course Sequence

FRESHMAN/SOPHOMORE YEARS (Pre-Social Work Major)

Pre-social work majors should complete as many as possible of the following foundation areas prior to seeking admission to the Social Work Program. Completion of at least four of the five areas below in addition to SWK 200 is required for program admission.

- **Sociological foundation:** A course or courses providing a foundation for understanding the organization and functioning of human societies, social institutions, and groups.

Typical courses used to fulfill this requirement include: SOC 100 Introduction to Sociology and SOC 300 Sociological Theory

- **Anthropological foundation:** A course or courses providing a foundation for understanding and appreciation of diverse human ways of life and cultural perspectives. With the exception of archaeology, any anthropology course offered at Eastern may be used to fulfill this requirement.
- **Human biology foundation:** A course or courses providing a foundation for understanding the biological bases of human physical development and behavior. The course typically used to fill this requirement is BIO 202 Human Biology.
- **Psychological foundation:** A course or courses providing a foundation for understanding the psychology of individual perception and behavior. The course typically used to fulfill this requirement is PSY 100 General Psychology
- **American government foundation:** A course or courses providing a foundation for understanding the American political system and government. Courses typically used to fulfill this requirement include: PSC110 American Government and Politics, PSC 200 State and Local Politics and Government.
- SWK 200 Introduction to Social Work (required for program admission)

Recommended: A statistics course

JUNIOR YEAR (Social Work Major)

Fall semester

- | | |
|---------|---|
| SWK 311 | Social Environment and Human Behavior
<i>(Pre/co-requisites: SOC 100, ANT 106 or equivalents)</i>
<i>Fulfills LAC Tier II, Individual Societies</i> |
| SWK 325 | Social Welfare Policy
<i>(Pre/co-requisite PSC 110 or equivalent)</i> |

SWK 330 Research for Social Work I

Spring semester

SWK 300 Generalist Practice with Communities and Organizations
(Prerequisites: SWK 311, SWK 325)

SWK 312 Human Behavior and the Social Environment
(Pre/co-requisites: PSY 100, BIO 202 or equivalents)

SWK 333 Research for Social Work II (4 credits)
(Prerequisite SWK 330, Co-requisite SWK 300
Fulfills LAC Tier II, Applied Information Technology)

SENIOR YEAR

Fall semester

SWK 320 Generalist Practice with Individuals and Families

SWK 350 Field Instruction and Seminar I (6 credits)
(SWK 320 and SWK 350 must be taken concurrently. Prerequisites:
SWK 300, SWK 312, SWK 333)

Spring semester

SWK 420 Generalist Practice with Groups and Organizations

SWK 450 Field Instruction and Seminar II (6 credits)
(SWK 420, SWK 450 must be taken concurrently. Prerequisites: SWK 320,
and SWK 350)

SWK 475 Social Work Senior Seminar
(Pre/co-requisites: SWK 420 and SWK 450
Fulfills LAC Tier III, Liberal Arts Experience)

Courses of Instruction: Social Work

SWK 200 INTRODUCTION TO SOCIAL WORK 3 CREDITS

NOTE: REQUIRED FOR ADMISSION TO THE SOCIAL WORK MAJOR.

An overview of social services and the profession of social work introducing students to the history of the field; knowledge, values, and skills necessary for social work practice; and the variety of social service programs and agencies characterizing the field today. Human rights principles are explored. Includes a 20-hour field experience.

SWK 245 AGING IN SOCIETY 3 CREDITS

Social, cultural, and physical factors which influence the process of aging. Special emphasis is given to aspects of society that tend to improve or reduce the quality of life experienced by elderly people.

SWK 300 GENERALIST PRACTICE WITH COMMUNITIES AND ORGANIZATIONS 3 CREDITS

PREREQUISITES: SWK 311, SWK 325 CO-REQUISITE: SWK 333

NOTE: OPEN TO SOCIAL WORK MAJORS ONLY.

Generalist social work knowledge for practice with communities and organizations is integrated with professional values and skills. The skills of assessment, goal setting, intervention, termination, and evaluation are taught. Major themes include social justice, social change, and empowerment. Includes 50-hour macro-practice field experience.

SWK 311 THE SOCIAL ENVIRONMENT AND HUMAN BEHAVIOR

PRE/CO-REQUISITES: SOC 100, ANT 106 OR EQUIVALENTS

3 CREDITS

NOTE: FULFILLS LAC TIER II INDIVIDUAL AND SOCIETIES

Provides the theoretical and empirical foundation for understanding the influence of macro systems on human behavior. Examines sociological, political, economic, and cultural theories that are relevant to understanding organizations, communities, social institutions, society and the world at large. Highlights the forces of social exclusion and the consequences of social injustice. Develops students' awareness of self and others as shaped by these forces.

SWK 312 HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT 3 CREDITS

PRE/CO-REQUISITES: PSY 100, BIO 202 OR EQUIVALENTS

An overview of micro-level empirical and theoretical perspectives for understanding human behavior across the life cycle including the biological, psychological, and social factors which shape human lives. Includes discussion of individual, family and group systems and evaluation and practical application of theory for generalist social work practice.

SWK 320 GENERALIST PRACTICE WITH INDIVIDUALS AND FAMILIES

PREREQUISITES: SWK 200, SWK 300, SWK 333; CO-REQUISITE:

3 CREDITS

SWK 350 NOTE: OPEN TO SOCIAL WORK MAJORS ONLY.

Generalist social work knowledge for practice with individuals, couples, and families integrated with professional values and skills. The skills of engagement, assessment, goal setting, intervention, termination, and evaluation are taught. Major themes include the strengths perspective and cultural competence.

SWK 325 SOCIAL WELFARE POLICY

3 CREDITS

PRE/CO-REQUISITE: PSC 110 OR EQUIVALENT

Exploration of the use of social policy for meeting human needs and achieving social ideals. Introduction to the processes of policy making and implementation emphasizing the impact of the political, economic and cultural climate on social welfare policy and the roles of the public and private sectors in the delivery of social welfare services.

SWK 330 RESEARCH FOR SOCIAL WORK I

3 CREDITS

NOTE: OPEN TO SOCIAL WORK MAJORS ONLY.

Introduction to research methods in social work, with particular emphasis on the ethics of social work research, single-system design, experimental design, surveys, program evaluation, and professional writing. A research proposal for studying an aspect of community practice is developed and carried out the following semester in SWK 333

SWK 333 RESEARCH FOR SOCIAL WORK II

4 CREDITS

PREREQUISITES: SWK 330, CO-REQUISITE SWK 300

NOTE: OPEN TO SOCIAL WORK MAJORS ONLY. FULFILLS LAC TIER II APPLIED INFORMATION TECHNOLOGY

Theoretical and practical focus on further developing and then carrying out the research project proposed in SWK 330. Students will be introduced to SPSS and other data management and analysis techniques. The research will be carried out in the community agency in which the student is placed as part of SWK 300.

SWK 344 SUBSTANCE ABUSE

3 CREDITS

Examination of the causes, medical aspects, family dynamics, cross-cultural issues, and treatment modalities of drug and alcohol abuse. It provides an overview of the social work knowl

edge, values, and skills used to identify and assist those affected directly and indirectly by substance abuse.

SWK 350 FIELD INSTRUCTION AND SEMINAR I

6 CREDITS

CO-REQUISITE: SWK 320

NOTE: OPEN TO SOCIAL WORK MAJORS ONLY.

Provides a minimum of 200 hours of generalist practice experience under the supervision of a social work professional. Weekly seminar sessions integrate knowledge, values, and skills gained from classroom and field experience.

SWK 365 SPECIAL TOPICS IN SOCIAL WORK

3 CREDITS

NOTE: ENROLLMENT IN SOME OFFERINGS MAY REQUIRE CONSENT OF THE INSTRUCTOR.

One time offerings of social work elective courses. SWK 365 may be repeated for credit with a topic change.

SWK 369 EXPLORING GAMBLING PROBLEMS

3 CREDITS

This course is designed to provide students with the fundamentals for understanding the impact of gambling from a biopsychosocial perspective. It provides an overview of the social work knowledge, values, and skills used to identify and assist those affected directly and indirectly by gambling problems.

SWK 420 GENERALIST PRACTICE WITH GROUPS AND ORGANIZATIONS

PREREQUISITES: SWK 320, SWK 350; CO-REQUISITE: SWK 450

3 CREDITS

NOTE: OPEN TO SOCIAL WORK MAJORS ONLY.

Generalist social work knowledge for practice with groups and organizations integrated with professional values and skills. The skills of group development, assessment, goal setting, intervention, termination, and evaluation are taught. Emphasizes the power of the group as a mutual aid system and the use of task groups in organizational settings.

SWK 450 FIELD INSTRUCTION AND SEMINAR II

6 CREDITS

PREREQUISITE: SWK 350, CO-REQUISITE: SWK 420, SWK 440

NOTE: OPEN TO SOCIAL WORK MAJORS ONLY.

Provides an additional minimum of 200 hours of generalist practice experience under social work supervision. Students are expected to build on their SWK 350 experience by assuming new responsibilities and challenges. Weekly seminar sessions integrate knowledge, values, and skills gained from classroom and field experience.

SWK 475 SOCIAL WORK SENIOR SEMINAR

3 CREDITS

PRE/CO-REQUISITES: SWK 420 and SWK 450

NOTE: OPEN TO SOCIAL WORK MAJORS ONLY. FILLS WRITING INTENSIVE COURSE REQUIREMENT.

Capstone seminar for social work students. Promotes critical thinking, the development of professional identity, and the integration of the knowledge, values, and skills of the social work curriculum. Content is related to central social work perspectives, systems change, human rights, the role of social work in the United States and the world, and emerging issues in the profession.

SWK 480 INDEPENDENT STUDY IN SOCIAL WORK

3 CREDITS

NOTE: PERMISSION OF INSTRUCTOR AND SOCIAL WORK PROGRAM
COORDINATOR REQUIRED

Individual exploration of a topic relevant to social work theory or practice beyond content offered in the social work curriculum guided by a social work faculty member.

SWK 492 INTERNSHIP IN SOCIAL WORK

1-3 CREDITS

NOTE: OPEN TO SOCIAL WORK MAJORS ONLY. PERMISSION OF INSTRUCTOR AND
SOCIAL WORK FIELD COORDINATOR REQUIRED

Individual experience in social work practice or research guided by a social work faculty member

VISUAL ARTS

Chairperson: *Gail Gelburd*

Assistant Chair: *Claudia Widdiss*

Professors: *Imna Arroyo-Winner, Lula Mae Blocton, June Bisantz, Sharon L. Butler, Anne E. Dawson, Claudia Widdiss*

Associate Professors: *Gail Gelburd, William A. Jones, Qimin Liu*

Assistant Professors: *Terry Lennox*

Major: Visual Arts (B.A.)

Objectives

The Bachelor of Arts degree program in Visual Arts offers five concentrations of study: Art History, Digital Art and Design, Painting and Drawing, Printmaking, and Sculpture. Students learn to think visually as they study different mediums, become familiar with visual language, acquire knowledge of expressive techniques, and learn the context of the art of different cultures. Students become skilled at articulating the conceptual and aesthetic relevance of works of art.

Program graduates pursue advanced degrees or other courses of study, and/or become professional artists, graphic designers in print or new media, painters, printmakers, sculptors, or professionals in art galleries and museums. We can also help students to pursue Art Therapy or Interior Design and create a suitable program of study.

Admission to the Program

Those students interested in the visual arts major should consult with a faculty advisor who is teaching studio art or art history. Students interested in the major should make that decision by the second semester of their second year. The recommendation to the student is that they start their program with the required visual arts courses. Transfer students should seek an advisor immediately to prepare a schedule of visual arts courses to fulfill degree requirements. Students interested in the digital art and design concentration are required to submit a portfolio for admission to the program after completing the two digital art techniques courses: ART 122 and ART 124. The portfolio will include 10 samples of the student's work (two examples each from Illustrator, InDesign, Photoshop and Dreamweaver). Portfolios must be carefully prepared according to guidelines available in the art office. Portfolios must be submitted and program admission approved before students can enroll in 300-level design courses.

Major Requirements

The B.A. in Visual Arts consists of 48 credits, including 24 credits of foundation courses and 21 credits in the chosen concentration, and a 3-credit Capstone course. Grades of less than 2.0 (C) will not count toward the major.

I. Required Foundation Courses	24 credits
II. Required Courses for the Concentration	21 credits
III. Major Capstone Course	3 credits

REQUIRED FOUNDATION COURSES

Studio Arts Foundation Courses

ART 110 Two-Dimensional Design

ART 111	Three-Dimensional Design
or	
ART 207	Ceramic Sculpture
or	
ART 208	Surface Design
ART 112	Color Theory
ART 124	Digital Imaging and Basic Website Design
ART 201	Relief Printmaking
ART 202	Drawing 1

Art History Foundation Courses

ART 211	Art History I: Prehistory to 1400
ART 212	Art History II: 1400 to the Present

Major Capstone Course (one of the following, 3 credits)

ART 432	ECSU Design Group (Digital Art & Design Concentration)
ART 436	Graphic Design IV (Digital Art & Design Concentration)
ART 485	Senior Project in Studio Art (Painting and Drawing, Printmaking and Sculpture Concentrations)
ART 486	Senior Project in Art History (Art History Concentration)

Art History Concentration

Required Courses: (15 credits)

ART 225	Asian Art
ART 313	Renaissance Art
ART 340	Modern Art
ART 360	American Art
ART 402	Issues in Contemporary Art

Choice of at least 2 of the following: (6 credits)

ART 333	Graphic Design History
ART 345	Museum Studies
ART 355	Women and the Visual Arts
ART 365	Special Topics in Art/Art History
ART 369	African American Art
ART 470	Advanced Topics in Art/Art History
ART 480	Independent Study
ART 490	Internship

Art History-related Honors Colloquia with consent of Art History advisor

Digital Art and Design Concentration

Required Digital Art Techniques Courses: (6 credits)

ART 122	Digital Illustration and Page Layout
(ART 124	<i>Digital Imaging and Basic Website Design is a Foundations Requirement)</i>

After completing the two digital art techniques courses (ART 122 and ART 124), students

will be required to submit a portfolio for admission into the Digital Art and Design Program. The portfolio will include 10 samples of the student's work (two examples each from Illustrator, InDesign, Photoshop and Dreamweaver and two samples from either Drawing I or 2-Dimensional Design). Portfolios must be carefully prepared according to guidelines available in the art office. Portfolios must be submitted and program admission approved before students can enroll in 300-level design courses.

After completing the two digital art techniques courses (ART 122 and ART 124), students will be required to submit a portfolio for admission into the Digital Art and Design Program. The portfolio will include ten samples of the student's work (two examples each from Illustrator, InDesign, Photoshop and Dreamweaver and two samples from either Drawing I or 2-Dimensional Design). Portfolios must be carefully prepared according to guidelines available in the art office. Portfolios must be submitted and program admission approved before students can enroll in 300 level design courses.

Required Design Courses: (9 credits)

- ART 203 Graphic Design I
- ART 204 Graphic Design II
- ART 335 Graphic Design III

or

- ART 334 Art Exhibitions: Design, Documentation and Publicity

Choice of at least three courses from the following: (nine credits)

- ART 213 Creating Information Graphics
- ART 214 Designing for Life: What to Wear
- ART 226 Public Art: Art and the Community
- ART 228 Creative Problem Solving
- ART 325 Animation/Multimedia
- ART 327 Magazine Design
- ART 330 Package Design
- ART 334 Art Exhibition: Designing, Documentation, and Publicity
- ART 338 Graphic Design Style
- ART 343 Introduction to 3-D Animation
- ART 350 Video Art
- ART 365 Special Topics in Art/ Digital Art and Design
- ART 390 Practicum
- ART 403 3D Imaging/Animation
- ART 410 Advanced Web Design
- ART 412 Web Design II
- ART 421 Digital Portfolio Preparation
- ART 436 Graphic Design IV
- ART 450 Advanced Digital Illustration
- ART 451 Motion Graphics
- ART 470 Advanced Topics in Art/Graphic Design
- ART 480 Independent Study

- ART 490 Internship
COM310 Digital Photography

Painting and Drawing Concentration

Required Courses: (15 credits)

- ART 215 Painting I
ART 308 Painting II
ART 309 Figure Drawing I
ART 352 Drawing II
ART 408 Advanced Painting
or
ART 409 Figure Drawing II
or
ART 430 Advanced Drawing

Choice of at least two courses from the following list: (6 credits)

- ART 205 Water Media
ART 307 Portraiture
ART 314 Landscape Painting I
ART 365 Special Topics in Art/Painting and Drawing
ART 390 Practicum
ART 395 Drawing in Color
ART 408 Advanced Painting
ART 409 Figure Drawing II
ART 414 Landscape Painting II
ART 419 Professional Practices for Artists
ART 430 Advanced Drawing
ART 480 Independent Study
ART 490 Internship

Printmaking Concentration

Required Courses: (12 credits)

- ART 230 Visual Journals and Bookmaking
ART 317 Polyester Plate Lithography
ART 318 Intaglio Printmaking I
ART 320 Water Based Screen Printing I

Choice of at least three courses from the following: (9 credits)

- ART 220 Relief Printmaking II
ART 319 Expressions with Handmade Paper
ART 365 Special Topics in Art/Printmaking
ART 418 Water-Based Screen Printing II
ART 420 Intaglio Printmaking II

ART 470	Advanced Topics in Art/Printmaking
ART 480	Independent Study
ART 490	Internship

Sculpture Concentration

Required Courses: (12 credits)

ART 206	Sculpture I
ART 306	Wood Sculpture I

or

ART 315	Figure Modeling
ART 324	Metal Construction
ART 406	Sculpture II

Choice of at least three courses from the following: (9 credits)

ART 114	Ceramics
ART 207	Ceramic Sculpture
ART 208	Surface Design
ART 235	Relief Sculpture
ART 306	Wood Sculpture
ART 315	Figure Modeling
ART 365	Special Topics in Art/Sculpture
ART 390	Practicum
ART 415	Advanced Figure Modeling
ART 470	Advanced Topics in Art/Sculpture
ART 480	Independent Study
ART 490	Internship

Recommended Course Sequence Visual Arts major (B.A.)

Check the concentration and all course descriptions for prerequisites before planning course schedule.

First-Year Program Art Cluster

ENG 100	College Writing (Stage 1: Writing Requirement)	3-4
MAT ***	Math Course Beyond Algebra II	3
	LAC Tier I courses	15-16

Required Foundation Courses

ART 202	Drawing I	3
ART 110	2-Dimensional Design	3
ART 211	Art History I: Pre-History to 1400	3

Digital Art and Design First Year – Students should take the other first-year recommended courses listed above, and continue with the recommended sequence as listed below.

LAC	Tier I	9
ART 122	Digital Illustration and Page Layout	3
ART 124	Digital Imaging and Basic Website Design	3

***A portfolio review will take place at the end of the second semester.*

Total **30 credits**

Second Year

ART 212	Art History II: 1400 to the Present	3
ART 225*	Asian Art (Completes Stage 2 and T2 CP University writing Requirements)	18

Required Foundation Courses **3 (T2 CE)**

ART 111	3-Dimensional Design	3
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or

ART 207	Ceramic Sculpture	
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or

ART 208	Surface Design	
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Required Courses for the Concentration

Art History

ART 340	Modern Art	
ART 313	Renaissance Art	

Digital Art and Design

ART 203	Graphic Design I	
ART 233	Graphic Design History (This counts as a Stage 2 writing course)	
ART 329	Graphic Design II	

Painting and Drawing

ART 112	Color Theory	
ART 215	Painting I	

Printmaking

ART 201	Relief Printmaking I	
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Sculpture

ART 206	Sculpture I	
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Total **30 credits**

Third Year

LAC	Tier II	12
ART 340	Modern Art (Stage 3: Writing Intensive)	3

or

ART 402	Issues in Contemporary Art (Stage 3: Writing Intensive)	
	Liberal Arts Electives	3

Required Courses for the Concentration **6-9**

Art History

ART 360	American Art	
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Digital Art and Design

ART 335	Graphic Design III	3
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	or		
ART 334		Art Exhibition: Design, Documentation, and Publicity	
		Digital Art and Design Electives	6

Painting and Drawing

ART 352	Drawing II	
ART 308	Painting II	
ART 309	Figure Drawing I	

Printmaking

ART 317	Polyester Plate Lithography	
ART 320	Water-Based Screen Printing I	

Sculpture

ART 306	Wood Sculpture I	
	or	
ART 315	Figure Modeling	
ART 324	Metal Construction	

Total **30 credits**

Fourth Year

	Electives	21
ART 432	Eastern Design Group (Senior Project)	
	or	3
ART 436	Graphic Design IV (Senior Project)	
	or	
ART 485	Senior Project in Art	3
	or	
ART 486	Senior Project in Art History	3

Required Courses for the Concentration **6-9**

Art History

ART 402	Issues in Contemporary Art	
	Art History Electives	

Digital Art and Design

	Electives	18
	Digital Art and Design Electives	9

Painting and Drawing

Electives

Printmaking

ART 318	Intaglio Printmaking 1 and Electives	
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Sculpture

ART 406	Sculpture II and Electives	
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Total **30 credits**

Minor: Art History

To earn an Art History minor a student must complete 18 credits in art history. Courses with a grade of less than 2.0 (C) will not count towards the minor.

Required Courses (6 credits):

ART 211 Art History I: Prehistory-1400

ART 212 Art History II: 1400-Present

Choice of at least four from the following:

ART 225 Asian Art

ART 233 Graphic Design History

ART 313 Renaissance Art

ART 340 Modern Art

ART 345 Museum Studies

ART 355 Women and the Visual Arts

ART 360 American Art

ART 365 Special Topics in Art History

ART 369 African American Art

ART 402 Issues in Contemporary Art

ART 470 Advanced Topics in Art/Art History

ART 480 Independent Study

ART 490 Internship

Minor: Digital Art and Design

To earn a digital art and design minor, a student must complete 18 credits in digital art and design courses with at least six of those at the 200-level or higher. Students interested in the digital art and design minor are required to submit a portfolio for admission to the program after completing the two digital art techniques courses: ART 122 and ART 124. The portfolio will include eight samples of the student's work (two examples each from Illustrator, InDesign, Photoshop and Dreamweaver). Portfolios must be carefully prepared according to guidelines available in the art office. Portfolios must be submitted and program admission approved before students can enroll in 300-level design courses. Courses with a grade of less than 2.0 (C) will not count toward the minor.

Required Courses

Two Computer Skills courses/6 credits

ART 122 Digital Illustration and Page Layout

ART 124 Digital Imaging and Basic Website Design

Two Graphic Design Courses/6 credits

ART 203 Graphic Design I

ART 329 Graphic Design II

or

ART 334 Art Exhibition: Design, Documentation, and Publicity
Electives

Two Digital Art and Design electives/6 credits

Choose two from:

ART 213	Creating Information Graphics
ART 214	Designing for Life: The Art and Design of Fashion
ART 226	Public Art
ART 228	Creative Problem Solving
ART 325	Animation/Multimedia
ART 327	Magazine Design
ART 330	Package Design
ART 333	Graphic Design History
ART 334	Art Exhibition: Design, Documentation, and Publicity
ART 335	Graphic Design III
ART 338	Graphic Design Style
ART 343	Introduction to 3-D Animation
ART 350	Video Art
ART 351	Motion Graphics
ART 365	Special Topics for Artists/Graphic Design
ART 403	3D Imaging/Animation I
ART 410	Web Design
ART 412	Web Design II
ART 421	Digital Portfolio Preparation
ART 436	Graphic Design IV
ART 450	Advanced Digital Illustration

Minor: Studio Art

A Studio Art minor consists of 18 credits of studio art courses with at least six of those credits at the 300 level or above. Grades of less than 2.0 (C) in studio art courses will not count towards the minor. It is recommended that students seek advisement with a studio art faculty member.

Courses of Instruction: Visual Arts

ART 100 ART STUDIO ART INTRODUCTION

3 CREDITS

NOTE: LAC TIER I A

NOTE: DOES NOT COUNT FOR THE MAJOR.

An understanding of the visual elements of lines, shape, value, texture, color, and form will be creatively explored through the use of a variety of art methods and materials. (Not required for Visual Arts majors).

An introduction to the fundamental issues and techniques of drawing that will include basic conceptual and thematic development. Drawing skill and visual awareness are addressed through formal exercises and creative projects. Emphasis will be on the development of visual perception through the exploration of line, value, form, space, and composition.

ART 110 TWO-DIMENSIONAL DESIGN

3 CREDITS

NOTE: LAC TIER I A

This course introduces students to the fundamental principles and elements of design as they relate to the two-dimensional surface. Planned to prepare students for further exploration of all two-dimensional art forms.

ART 111 THREE-DIMENSIONAL DESIGN**3 CREDITS**

NOTE: LAC TIER I A

This course gives a foundation of three-dimensional concepts and processes that are used globally for artistic expression. From research in the diversity of cultural expression, students will create studio projects that study design elements and experiment with material and process.

ART 112 COLOR THEORY**3 CREDITS**

This course will explore the effects, principles, and practical applications of color usage. Discussion and assignments will focus on color as a visual expression and its integration into everyday life as well as related fields of design, fine art, and advertising.

ART 114 CERAMICS**3 CREDITS**

Workshop experience with clay processes used in making and decorating pottery. Emphasis on hand pieces, decoration, glazing, modeling, and knowledge of the use of the potter's wheel and operation of a kiln.

ART 119 JEWELRY**3 CREDITS**

Basic course in techniques and materials for the design and making of jewelry.

ART 122 DIGITAL ILLUSTRATION AND PAGE LAYOUT**3 CREDITS**

This course provides an introduction to the computer as a tool in art and graphic design. Developing vector based images, and creating page layouts which combine text and image are emphasized. Primary software used: Adobe Illustrator and Adobe InDesign.

ART 124 DIGITAL IMAGING AND BASIC WEBSITE DESIGN**3 CREDITS**

This course provides an introduction to the computer as a tool in art and design. Developing bitmap images, and designing for the internet are emphasized. Primary software used: Adobe Photoshop, Macromedia Dream Weaver, Adobe GoLive. Secondary Software: Macromedia Flash, Macromedia FireWorks, Adobe Image Ready, Adobe Live Motion

ART 125 DIGITAL ILLUSTRATION**1.5 CREDITS**

This course is designed to provide students with an Introduction to the computer as a tool in art and graphic design with an emphasis on the development of vector based images and text. Primary software used: Adobe Illustrator.

ART 126 DIGITAL IMAGING**1.5 CREDITS**

This course is designed to provide students with an introduction to the computer as a tool in art and graphic design with an emphasis on the development of images and the Integration of text and images in a design format. Primary software used: Adobe Photoshop.

ART 127 DIGITAL DESIGN & PAGE LAYOUT**1.5 CREDITS**

This course is designed to provide students with an introduction to the computer as a tool in art and graphic design with an emphasis on the integration of images and text in page layout software. Primary software used: Adobe InDesign, QuarkXpress.

ART 128 DESIGNING FOR THE INTERNET**1.5 CREDITS**

This course is designed to provide students with an introduction to the computer as a tool in art and graphic design with an emphasis on designing for the world wide web. Primary software used: Macromedia Dream Weaver, Adobe GoLive, Secondary software:

ART 130 EXPLORING THE CREATIVE PROCESS**3 CREDITS**

NOTE: LAC TIER I A

This course will help students explore their creative process and acquire the tools for self-discovery and self-expression. Students will create visual journals and altered books to explore personal narratives. In addition students will be introduced to a variety of mixed media, including pen and ink, watercolor painting, drawing, collage and printmaking.

ART 140 EXPLORATIONS IN VISUAL CULTURE**3 CREDITS**

NOTE: (LAC TIER I: ART IN CONTEXT)

Note: Does not count for the major.

This course will introduce the students to the major issues and themes in the Visual Arts. It will enable students to see, assess and critique the art and its role as an integral part of society, historically and today. The course format will consist of lectures, group discussions, projects, presentations and museum or gallery visits.

ART 201 RELIEF PRINTMAKING I**3 CREDITS**

Introduction to monotypes, monoprints, and relief printmaking including collograph, linoleum and woodblock techniques. Experiment with various printmaking matrixes such as Plexiglas, linoleum, and different wood surfaces. Explore the potential of water-soluble and oil base inks, collage and chine colle. Emphasis will be placed on learning procedures and skills in acquiring non-toxic printmaking technical vocabulary.

ART 202 DRAWING I**3 CREDITS**

NOTE: LAC TIER II CE

An introduction to the fundamental issues and techniques of drawing that will include basic conceptual and thematic development. Drawing skill and visual awareness are addressed through formal exercises and creative projects. Emphasis will be on the development of visual perception through the exploration of line, value, form, space, and composition.

ART 203 GRAPHIC DESIGN I**3 CREDITS**PREREQUISITES: ART 122 OR ART 124 AND ONE OF THE FOLLOWING: ART 110
ART 202.

This course is designed to provide students with an introduction to the fundamentals of typography, its theory, practice, technology, history, and contemporary practice. Projects will explore: the study of letterforms, type design, text composition, layout and page systems, expressive typography, proportion and grids, hierarchy, legibility.

ART 204 GRAPHIC DESIGN II**3 CREDITS**

This course is designed to introduce students to the techniques and practices of contemporary graphic design. Students will continue the exploration of typographic design begun in Graphic Design I, as they begin to focus on organizing two-dimensional space effectively, thinking conceptually, and combining images with typography.

ART 205 WATER MEDIA**3 CREDITS**

Designed to acquaint the student with various techniques of watercolor, gouache, tempera, and color inks.

ART 206 SCULPTURE I**3 CREDITS**PREREQUISITE: ANY ONE OF THE FOLLOWING: ART 110, ART 111, ART 114, ART
201, ART 202, ART 207, OR ART 208

This course offers instruction in the use of tools, materials and processes to create three-dimensional forms. Emphasis will be on structural development of individual projects and personal research.

ART 207 CERAMIC SCULPTURE**3 CREDITS**

Designed to develop skills on using ceramic clay for three-dimensional expression. Emphasis will be on hand-building and instruction will include mold making and use of armatures.

ART 208 SURFACE DESIGN**3 CREDITS**

This sculpture course is designed to introduce the student to a variety of casting materials and possible surface treatments. The formulation, uses, and methods of testing casting materials, paints, and glazes will be covered.

ART 211 ART HISTORY I: PRE-HISTORY TO 1400**3 CREDITS**

NOTE: LAC TIER I H

NOTE: COUNTS AS A VAD FOUNDATION COURSE AND T2 HP.

Surveys the history of visual art from pre-history to 1400 from a multicultural perspective. Examines the subject matter and visual characteristics (style) of art works and the social/historical context in which the works were produced in order to understand their meanings.

ART 212 ART HISTORY II: 1400 TO THE PRESENT**3 CREDITS**

NOTE: LAC Tier I H

NOTE: COUNTS AS A VAD FOUNDATION COURSE AND T2 HP.

Surveys the history of visual art from 1400 to the present from a multicultural perspective. Examines the subject matter and visual characteristics (style) of art works and the social/historical context in which the works were produced in order to understand their meanings.

ART 213 CREATING INFORMATION GRAPHICS**3 CREDITS**

NOTE: COUNTS AS T2 IT

From research to rendering, students will learn how to interpret and visualize information to create graphics such as charts, maps, guides, instruction tables, and illustrated diagrams.

ART 214 DESIGNING FOR LIFE, WHAT WE WEAR**3 CREDITS**

PREREQUISITE: ART 109 AND ART 122 OR 124

This course will explore the power of Fashion Design to communicate ideas and individual belief systems. Students will design and create clothing and accessories, in the context of fashion as a design discipline. It is not necessary to know how to sew to take this course. Basic drawing and computer skills are necessary.

ART 215 PAINTING I**3 CREDITS**

PREREQUISITES: ANY 2 OF THE FOLLOWING: ART 100, ART 110, ART 202

This course is an introduction to the art of painting emphasizing color and composition.

ART 220 RELIEF PRINTMAKING II**3 CREDITS**

PREREQUISITE: ART 100, ART 110, ART 201 OR ART 202

Continuation of part I, working with linoleum and wood block techniques experimenting with traditional and alternative methods. Explore various color approaches including reduction, multiple plates, collograph, and Japanese traditional color wood cut. Emphasis will be placed on learning procedures and skills in acquiring a non-toxic printmaking technical vocabulary.

ART 225 ASIAN ART AND CULTURE**3 CREDITS**

NOTE: COUNTS AS A STAGE 2 WRITING COURSE AND T2 CE

This course provides an overview of the arts of India, China, and Japan from pre-history to modern times. Illustrated by slides and other visual materials, lectures, discussions and

workshops will focus on the traditional arts of painting, sculpture and architecture as well as the art of Feng Sui, Ikebana, Calligraphy, Bonsai, Raku, and martial arts. The student will learn to appreciate the various Arts and have an opportunity to work directly with some of the forms. Each student will come to appreciate the aesthetics as well as the philosophical basis of these Eastern Arts. A writing competency course for Visual Arts majors (WRT050).

ART 226 PUBLIC ART: ART AND THE COMMUNITY 3 CREDITS

This course introduces students to public art: its significance in contemporary life, its various manifestations and the different ways in which it impacts communities and individuals. Students will read about public art, see and respond to public artworks, visit public art sites and create plans for public works of their own.

ART 228 CREATIVE PROBLEM SOLVING 3 CREDITS

This course will guide students through creative strategies used in both the business and creative aspects of professional design. Students will be given a series of visual, technical and practical problems and asked to solve them by applying creative problem solving techniques. This class is appropriate for students interested in all aspects of design, including print graphics, motion graphics, web and animation.

ART 230 VISUAL JOURNALS AND BOOKMAKING 3 CREDITS

Journal keeping is one of the oldest and most direct forms of expression. The form allows for self-expression, the recording of history, reflection, exploration, and investigation. Using the sketchbook, writing, and the art of bookmaking, students will create visual journals to explore personal narratives. Students will be introduced to a variety of mixed media, including ink, watercolor, collage, and monotype.

ART 233 GRAPHIC DESIGN HISTORY 3 CREDITS

PREREQUISITE: ENG 100, ART 211, ART 212
NOTE: COUNTS AS A STAGE 2 WRITING COURSE.

This course will introduce students to the major issues, artists and movements in the history of graphic design from its beginnings to the present. The course format will consist of lectures, group discussions, video presentations, and museum visits.

ART 235 RELIEF SCULPTURE 3 CREDITS

This course is an introduction to the art of creating sculpture in relief. Students will study diversity in cultural expression and create studio projects in a variety of materials that explore the relationship of composition and sculptural form.

ART 306 WOOD/SCULPTURE 3 CREDITS

PREREQUISITES: ANY TWO OF THE FOLLOWING: ART 111, ART 114, ART 201, ART 202, ART 206, ART 207, OR ART 208

This course will cover the use of tools and techniques for developing three-dimensional forms in wood. Instruction will include wood carving, lamination, wood construction and assemblage.

ART 307 PORTRAITURE 3 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR

This course will help students to develop figure-drawing skills. Portraiture techniques and anatomy will be introduced in this class. Topics covered include constructive and anatomical forms and structure. A variety of mediums and methods will be introduced.

ART 308 PAINTING II**3 CREDITS**

PREREQUISITE: ART 215 OR CONSENT OF INSTRUCTOR

This course is a continuation of the art of painting using acrylic or oils paint. There will be class projects exploring color and composition.

ART 309 FIGURE DRAWING I**3 CREDITS**

PREREQUISITE: ART 202

An introduction to drawing the human form through the study of basic muscular and skeletal forms, proportions, measurements, foreshortening and movement. There will be an exploration of various materials and techniques.

ART 313 RENAISSANCE ART**3 CREDITS**

This course examines visual art created during the 15th and 16th centuries in Italy and Northern Europe. Art production will be considered from various points of view including stylistic, social/historical, economic and theoretical.

ART 314 LANDSCAPE PAINTING I**3 CREDITS**

PREREQUISITES: ANY OF THE FOLLOWING TWO: ART 100, ART 110, ART 202 OR ART 352 OR CONSENT OF THE INSTRUCTOR

The course will examine the artist's response to the landscape as a means of inspiration to produce paintings. The goal of the course is to introduce painting and drawing methods related to the art of landscape painting.

ART 315 FIGURE MODELING**3 CREDITS**

PREREQUISITES: ANY TWO OF THE FOLLOWING: ART 110, ART 111, ART 114, ART 201, ART 202, ART 206, ART 207, ART 208, ART 307, ART 309, ART 315, OR ART 324

This course is designed to develop three-dimensional awareness through the study of human form. Working from live models, students will be introduced to various clay modeling techniques, armature building, and mold making with plaster.

ART 317 POLYESTER PLATE LITHOGRAPHY**3 CREDITS**

PREREQUISITE: ART 110, ART 201, ART 202 or ART 221

Explore direct hand-drawn lithography techniques with permanent markers, ballpoint pens and toner tush and crayons, acrylic base resist materials working on polyester plates. In addition, students will incorporate the use of a laser printer, scanner, and computer to explore photolithography techniques. Emphasis will be placed on learning procedures and skills in acquiring a non-toxic printmaking technical vocabulary.

ART 318 INTAGLIO PRINTMAKING I**3 CREDITS**

PREREQUISITE: ART 110, ART 201, OR ART 202

Introduction to Intaglio-type printmaking techniques, working with photo-polymer films for intaglio printing. Explore non-etch processes working with photo-imagery from halftones and photocopies as well as using pencil and wash drawing imagery. Students will work with acrylic hard-grounds, soft-ground, aquatint, resist grounds and lift ground. Emphasis will be placed on learning procedures and skills in acquiring a non-toxic printmaking technical vocabulary.

ART 319 EXPRESSIONS WITH HANDMADE PAPER 3**CREDITS**

PREREQUISITE: ART 111 OR ART 201

Structural, three-dimensional paper casting and sheet forming are explored. Techniques in-

clude Eastern and Western sheet forming, couching, pressing, lamination, templates and sizing in addition to dyeing sheet and pulp casting.

ART 320 WATER BASED SCREEN PRINTING I

3 CREDITS

PREREQUISITE: ART 100, ART 110, OR ART 202

Introduction to basic crayon resistant, paper stencils masking and photographic silkscreen methods as means of aesthetic expression. Experiment with cellulose/acrylic based inks for screen-printing. Emphasis will be placed on learning procedures and skills in acquiring a non-toxic printmaking technical vocabulary.

ART 324 METAL CONSTRUCTION

3 CREDITS

PREREQUISITE: ANY TWO OF THE FOLLOWING: ART 110, ART 111, ART 114, ART 201, ART 202, ART 206, ART 207, ART 208, ART 306, ART 307, ART 309, ART 315

This sculpture course is an introduction to creative expression working with metal. Instruction will familiarize students with various tools, techniques and cold connection methods for construction in metal.

ART 325 ANIMATION/MULTIMEDIA

3 CREDITS

PREREQUISITE: ART 122, ART 124, AND ART 203

An introduction to and exploration of animation/multimedia software and interactive design for CD ROMs, Kiosks, Internet, Games, etc.

ART 327 MAGAZINE DESIGN

3 CREDITS

PREREQUISITE: ART 329

Magazines are a combination of many carefully designed components, from glamorous covers and feature stories, to humble photo captions and page numbers. In this course we will examine the historical roots and contemporary practice of magazine design.

ART 329 GRAPHIC DESIGN II

3 CREDITS

PREREQUISITE: ART 203

This course is designed to introduce students to the techniques and practices of contemporary graphic design. Students will continue the exploration of typographic design begun in Graphic Design I, as they begin to focus on organizing two-dimensional space effectively, thinking conceptually, and combining images with typography.

ART 330 PACKAGE DESIGN

3 CREDITS

PREREQUISITE: DIGITAL ART AND DESIGN PORTFOLIO

This course provides an introduction to package design with an emphasis on the best practices of the current industry. Students will develop design and computer skills necessary to create a distinctive and appealing brand identity for the retail marketplace. Primary Software used: Adobe Illustrator.

ART 334 ART EXHIBITIONS: DESIGN, DOCUMENTATION AND PUBLICITY

3 CREDITS

In this course students will organize artworks for exhibition, prepare the work for presentation, and hang several exhibitions. Materials such as announcements, catalogues, and websites will be created to promote and document the show.

ART 335 GRAPHIC DESIGN III

3 CREDITS

PREREQUISITE: ART 329

This course is designed to continue the exploration of the techniques and practices of contemporary graphic design that were introduced in Graphic Design II. Conceptual thinking, im-

age development, typographic design, and design unity will be the focus as students develop larger, multi-part projects for print and digital media individually and in groups. Print and digital production strategies will also be discussed.

ART 338 GRAPHIC DESIGN STYLE

3 CREDITS

PREREQUISITE: ART 203

This course explores historical periods and styles from the history of graphic design. Students will learn about historical periods through reading and lectures, and then design projects inspired by the typography, imagery, spatial organization strategies, and basic manipulation of design elements from each period.

ART 340 MODERN ART

3 CREDITS

PREREQUISITE: ENG 100, ART 211, ART 212, ART 225 or ART 233

NOTE: COURSE QUALIFIES AS WRITING INTENSIVE CLASS

A survey of the major art movements from the end of the nineteenth century to the present. Writing intensive course for Visual Arts majors. (WRT 075)

ART 343 INTRODUCTION TO 3-D ANIMATION

3 CREDITS

PREREQUISITE: ART 329

This course offers students an introduction to and exploration of 3-D computer-generated imagery and animation.

ART 345 MUSEUM STUDIES

3 CREDITS

NOTE: LAC TIER 2 CP

This course introduces students to the history of museums and the techniques involved in institutional and collection management, curatorial process, interpretation and exhibit design.

ART 350 VIDEO ART

3 CREDITS

PREREQUISITE: ART 124

This course introduces students to concepts, techniques and materials used in digital video editing and motion graphics so that they may create compelling “moving artworks” which combine still images, video, text, sound and special effects.

ART 351 MOTION GRAPHICS

3 CREDITS

PREREQUISITE: ART 329

In this course students will investigate concepts and techniques for designing motion graphics like those seen in movies and on TV. Students will bring together typography and layout, photography and digital imaging, digital video, audio editing and animation.

ART 352 DRAWING II

3 CREDITS

PREREQUISITE: ART 202

This is the continuation of Drawing I which will include an exploration of color media.

ART 355 (WST 355) WOMEN AND THE VISUAL ARTS

3 CREDITS

An introduction to women artists from diverse cultures throughout history and the ideological issues critical to understanding their contributions to the visual arts. Examines the social and cultural context in which women worked as well as the ways that women have been represented in art throughout the ages.

ART 360 AMERICAN ART

3 CREDITS

A survey of American painting, sculpture and other art forms from the Colonial period to 1945.

ART 365 SPECIAL TOPICS IN ART**3 CREDITS**

PREREQUISITE: CONSENT OF INSTRUCTOR

A course in which special topics of interest in art provides the content.

ART 369 AFRICAN AMERICAN ART**3 CREDITS**

NOTE: LAC TIER 2 CP

This course surveys the lives, works, and achievements of African American visual artists from the early 1600s to the present. The course will examine the various social, political and economic circumstances in which African American artists worked as well as the ways in which African Americans have been represented in visual art.

ART 370 ART IN THE CLASSROOM**1 CREDIT**

A five-week course for teachers, introducing activities for the inclusion of art in elementary school activities.

ART 390 PRACTICUM**3-6 CREDITS**

PREREQUISITE: CONSENT OF INSTRUCTOR, APPROVAL OF DEPARTMENT CHAIRPERSON AND DEAN

A practicum is the application of skills in course work and research in which students have the opportunity to participate in practical situations in various areas of the visual arts. Typical examples of practica include supervised work in areas such as the participation, management or execution of special projects in the arts.

ART 395 DRAWING IN COLOR

PREREQUISITE: ART 202, ART 352 OR CONSENT OF INSTRUCTOR

This course is designed to provide understanding of color properties, dimensions, subject matter, form and content. Using a variety of methods, media and techniques, there will be exploration of line, form and space to produce color drawings.

ART 402 ISSUES IN CONTEMPORARY ART**3 CREDITS**

PREREQUISITE: ENG 100, ART 211, ART 212, ART 225 or ART 233

An in-depth examination of recent developments in our changing society and their impact on artistic expression.

ART 403 ADVANCED 3-D IMAGING/ANIMATION I**3 CREDITS**

PREREQUISITES: ART 122 AND ART 124

This course is an introduction to and exploration of 3-D imaging and animation.

ART 406 SCULPTURE II**3 CREDITS**

PREREQUISITES: FOUR COURSES IN SCULPTURE OR CONSENT OF INSTRUCTOR

This course incorporates advanced technical instruction with individual experimentation. Emphasis will be to develop technical ability and conceptual direction for independent study.

ART 408 ADVANCED PAINTING**3 CREDITS**

PREREQUISITE: ART 308 OR CONSENT OF INSTRUCTOR

Further studies in the art of painting with an opportunity to investigate personal directions.

ART 409 FIGURE DRAWING II**3 CREDITS**

PREREQUISITES: ART 309 OR CONSENT OF INSTRUCTOR

The continued exploration of drawing the human form with more experimentation with materials and techniques.

ART 410 WEB DESIGN**3 CREDITS**

PREREQUISITES: ART 124

This is an advanced course in Internet design for artists and graphic designers with a focus on the integrity of design, client satisfaction, and technical mastery.

ART 412 WEB DESIGN II**3 CREDITS**

Students will continue the exploration of web design that they began in Web Design I.

ART 414 LANDSCAPE PAINTING II**3 CREDITS**

PREREQUISITE: ART 215 AND ART 314 OR CONSENT OF INSTRUCTOR

The course is a continuation of Landscape Painting I, which will emphasize studio approaches to producing paintings.

ART 415 ADVANCED FIGURE MODELING**3 CREDITS**

PREREQUISITE: ART 315

This course offers advanced instruction in sculpting the human figure. Students will work in clay from nude models and continue to increase knowledge of human form through anatomical research. Emphasis will be on sculptural composition, experimentation with scale, expanding technical knowledge of tools, materials and processes.

ART 418 WATER-BASED SCREEN PRINTING II**3 CREDITS**

PREREQUISITE: ART 110, ART 202 OR ART 320

Introduction to screen printing on fabric exploring contemporary approaches to surface decoration on cloth, using dye, paint, resist, embellishment and printing process. Emphasis is placed on experimentation, personal expression, and a strong technical foundation as well as learning procedures and skills in acquiring a non-toxic printmaking technical vocabulary.

ART 419 PROFESSIONAL PRACTICES FOR STUDIO ARTISTS 3 CREDITS

This course will address practical issues that prepare students for continued study or professional careers in the arts. Topics include career opportunities and options, legal and business issues and professional presentation. Instruction provided on photographing art work, organizing a resume, artist statement, biography, cover letters, presentation such as matting, framing, finishing, hanging and lighting.

ART 420 INTAGLIO PRINTMAKING II**3 CREDITS**

PREREQUISITE: ART 201, ART 202, ART 220, ART 318, OR ART 320

Exploring experimental approaches to intaglio printmaking including color viscosity printing, mixed media using collagraph plates, chine colle and Japanese woodcut. Students will work with acrylic hard-grounds, soft-ground, aquatint, and resist grounds, lift ground and carbarundum. Emphasis will be placed on learning procedures and skills in acquiring a non-toxic printmaking technical vocabulary.

ART 421 DIGITAL PORTFOLIO PREPARATION**3 CREDITS**

PREREQUISITE: ART 329

Students will learn to prepare work for presentation in digital portfolio formats (CD, DVD, web and print), and become familiar with the essential business practices of the digital art and design profession. This course is recommended for any student preparing to apply for a job in the field or for graduate study.

ART 430 ADVANCED DRAWING**3 CREDITS**

PREREQUISITES: ART 309 AND ART 352 OR CONSENT OF INSTRUCTOR

Continued problems in drawing directed toward the development of a personal approach to this art form.

ART 432 ECSU DESIGN GROUP (SENIOR PROJECT IN DIGITAL ART & DESIGN)**3 CREDITS**

NOTE: LAC TIER 3

In this course students form a design agency in order to produce professional design products for clients within the University community under the supervision of a faculty member. The range of jobs includes print (posters, brochures, etc.) and new media (web and interactive design). This course is offered in the spring semester and is for graphic design students who are within two semesters of graduation and fulfills the Studio Art Senior Project requirement.

ART 436 GRAPHIC DESIGN IV (SENIOR PROJECT IN DIGITAL ART & DESIGN)**3 CREDITS**

PREREQUISITE: ART 335

NOTE: LAC TIER 3

In this course, students will develop independent, self-directed, multi-part projects that explore all the concepts, and utilize all the skills, they've learned in Graphic Design I-III. The work produced in this course will be suitable for a professional-quality graphic design portfolio and may explore both print and digital media. Note: This course fulfills the Studio Art Senior Project requirement.

ART 450 ADVANCED DIGITAL ILLUSTRATION**3 CREDITS**

PREREQUISITES: ART 122, ART 124 AND ART 329

This course is designed to provide students with an advanced experience in illustration, using the computer as a tool. This course is designed to develop skills in the translation of concepts into visual form, using a variety of digital techniques. Primary software used: Adobe Illustrator, Adobe Photoshop

ART 451 MOTION GRAPHICS**3 CREDITS**

In this course students will investigate concepts and techniques for designing motion graphics like those seen in movies and on TV. Students will bring together typography and layout, photography and digital imaging, digital video, audio editing and animation using After Effects software.

ART 470 ADVANCED TOPICS IN ART**3 CREDITS**

PREREQUISITES: CONSENT OF INSTRUCTOR AND APPROVAL OF DEPARTMENT CHAIRPERSON

Study for advanced students with a concentration in Studio Art or Art History to execute advanced instruction in a particular art discipline by making arrangements with the instructor to join an existing class for the purpose of receiving guidance to pursue advanced instruction.

ART 480 INDEPENDENT STUDY**3 CREDITS**

PREREQUISITES: CONSENT OF INSTRUCTOR, APPROVAL OF DEPARTMENT CHAIRPERSON AND DEAN

Study for advanced students to execute independent investigation of research and/or creative production conducted under the guidance of the instructor.

ART 485 SENIOR PROJECT IN STUDIO ART**3 CREDITS**

NOTE: LAC TIER 3

Students will complete a series of works on an advanced level exploring personal vision and techniques. The course involves a submitted plan of study and the student working under the direction of a studio art faculty member.

ART 486 SENIOR PROJECT IN ART HISTORY**3 CREDITS**

NOTE: LAC TIER 3

Students will complete a major project on an advanced level. The course involves a submission of a formal study plan and working directly under the supervision of an art history faculty member.

ART 490 INTERNSHIP**3-6 CREDITS (LAW)**PREREQUISITE: CONSENT OF INSTRUCTOR, APPROVAL OF DEPARTMENT
CHAIRPERSON AND DEAN

Advanced students may participate in an internship off campus or in a special program on campus, which allows them to work with qualified persons in conjunction with faculty. These internships may be in various areas in the visual arts profession such as, but not limited to, art management, graphic design, teaching or museum studies.

WORLD LANGUAGES AND CULTURES

Chairperson: *Kin S. Chan*

Associate Professor: *Michele Boskovic*

Assistant Professors: *Agustin Bernal, Kin S. Chan*

Objectives

The Department of World Languages and Cultures (WLC) seeks to promote an understanding and appreciation of other civilizations and cultures. Our language courses provide rigorous training stressing proficiency in all the linguistic skills. Offerings also include literature, civilization and cinema courses in classes conducted in the target language and English. Class size allows close contact between students and faculty.

Our students will gain professional skills that will prepare them to enter a wide range of careers. Our students may become teachers, prepare for graduate study, or combine their language with majors or minors in other disciplines to compete successfully in many fields, e.g., business, publishing, government or social work.

Major: Spanish (B.A.)

Candidates will complete a planned program of 36 credits in Spanish, exclusive of introductory-level courses. Courses will be chosen in consultation with the major advisor, and areas of emphasis will depend on the student's preference and objectives. Elective courses in related areas will also be chosen in conjunction with the advisor.

An internship program provides advanced students with the opportunity to assist professors at Eastern in introductory and intermediate courses while receiving academic credit. Students may choose a field-experience program in which they will work as aides in language classes in the local school systems. They may also receive academic credit for work in other community-based social agencies/businesses or may participate in co-op programs in the United States or abroad.

Degree Requirements

I. Requirements (or equivalents) 12 credits

A basic linguistic core preparation will be required of all students (certain students, including native speakers, may offer equivalencies for these courses with formal approval from the department):

SPA 210/211 Intermediate Spanish

SPA 310/311 Advanced Spanish

II. Other Required Courses

SPA 316 Spanish Civilization

SPA 318 Latin American Civilization

SPA 320 Spanish Literature I

One additional literature course

III. Conversation 3 Credits

SPA 312 Spanish Conversation and Composition I

or

SPA 313 Spanish Conversation and Composition II

A study-abroad experience is strongly recommended.

Education students are also required to take SPA 430 Methods of Teaching Foreign Languages.

Upon completion of the basic linguistic core and in close consultation with the department, students will choose from among regular and one-credit courses to complete the rest of the major requirement.

No Spanish or WLC course graded below a 2.0 in courses numbered 200 and above will be allowed for credit toward the 36-credit requirement.

Recommended Course Sequence: Spanish Major (B.A.)

Check all course descriptions for prerequisites before planning course schedule. Discuss all selections with advisor. Courses taken abroad can count towards requirements and electives. It is recommended that Spanish majors study abroad after their second year.

Freshmen may place into the second- or third- year level. Consult with Chairperson as to the recommended sequence.

First Year

SPA 110	Elementary Spanish I	3
SPA 111	Elementary Spanish II	3
	Liberal Arts Curriculum Requirements	24
	Total	30 credits

Second Year

SPA 210	Intermediate Spanish I	3
SPA 211	Intermediate Spanish II	3
	Liberal Arts Curriculum Requirements	24
	Total	30 credits

Third Year

SPA 310	Advanced Spanish I	3
SPA 311	Advanced Spanish II	3
SPA 312	Conversation & Composition	3
SPA 3**	Spanish Elective	3
WLC 3**	WLC Elective	3
	Electives	15
	Total	30 credits

Fourth Year

SPA 320	Spanish Literature I	3
SPA 316	Spanish Civilization	3
SPA 318	Latin American Civilization	3

SPA 3**	Literature	3
SPA 4**	Spanish Elective	3
	Electives	12
SPA 430	Methods of Teaching Foreign Languages (prospective teachers only)	3
Total		30 credits

Minors: French, Latin American Studies, World Languages, Spanish

The Department of World Languages and Cultures offers minors in French, Latin American Studies, Spanish, or World Languages (a combination of languages). It is expected that students will enroll at the intermediate level of the language for six credits and choose nine other credits according to their interests. At least nine credits must be taken at Eastern. Minor students will have an advisor with whom they will work out the program most suited to their needs.

Minor: French

15 credits beyond elementary level (i.e., FRE 110/111)

Minor: Latin American Studies

Latin American Studies is an interdisciplinary minor specializing in the histories, cultures, and social structures of the region.

The minor consists of 15 credits. The courses that may be used to fulfill the requirement include:

1. Up to six credits may be counted from intermediate (200-level) or above-level courses in one or more of the languages of the region.
2. The following courses are currently taught at Eastern:

SPA 318	Latin American Civilization
SPA 323	Latin American Literature
HIS 255	Introduction to Latin America
HIS 345	History of Mexico
HIS 346	Central America
PSC 240	Latin American Politics
SOC 355	Latin America: Structure, Change, and Development
SOC/SPA356	America Latina (taught in Spanish)
WLC/ENG/WST 324	Literature by Women Authors of Latin America
3. Other Latin America-related courses from Eastern or other universities with the consent of the coordinator.
4. Independent studies courses that focus on a Latin America-related issue.

World Languages

Nine credits in one language beyond elementary level; six credits in another language

Minor: Spanish

15 credits beyond elementary level (i.e., SPA 110/111)

Courses of Instruction: French Language, Literature, and Culture

FRE 110/111 INTRODUCTORY FRENCH I/II

3/3 CREDITS

Communication-oriented multimedia course that includes elements of grammar, reading for comprehension, and introduction to the cultures of the French-speaking world.

FRE 116 INTRODUCTION TO THE FRENCH-SPEAKING WORLD

3 CREDITS

Presentation of the French-speaking world through films; discussion of how these films represent and illustrate political, social and cultural issues. Topics include colonization and decolonization, ethnic minorities, racism, feminism, cinema, television, painting, music and songs, and popular culture. Taught in English; film with English subtitles.

FRE 210/211 INTERMEDIATE FRENCH I/II

3/3 CREDITS

PREREQUISITE: TWO YEARS OF HIGH SCHOOL FRENCH OR ONE YEAR OF COLLEGE FRENCH OR CONSENT OF INSTRUCTOR.

Development of the four basic skills, grammar review, and reading of selected materials of cultural and literary interest.

FRE 231 (WLC 231, WST 231) WOMEN WRITERS FROM FRENCH-SPEAKING COUNTRIES

3 CREDITS

Course will emphasize themes, style, society and culture in works of fiction by contemporary Francophone women writers from North Africa, sub-Saharan Africa, the Caribbean, and Southeast Asia. This course is taught in English and may be repeated for credit with change in content.

FRE 310/311 ADVANCED FRENCH I/II

3/3 CREDITS

PREREQUISITE: FRE 210-211 OR CONSENT OF INSTRUCTOR

Development of speaking and writing skills, consolidation of grammatical knowledge, and enrichment of vocabulary through study of a selection of cultural and literary readings.

FRE 313 LANGUAGE AND STYLE I: CONVERSATION AND COMPOSITION

PREREQUISITE: FRE 210-211 OR CONSENT OF INSTRUCTOR

3 CREDITS

Intense study of conversational French. Learning of oral techniques of communication in conjunction with bi-weekly topics of conversation and composition.

FRE 314 LANGUAGE AND STYLE II: STYLISTICS

3 CREDITS

PREREQUISITE: FRE 210-211 OR CONSENT OF INSTRUCTOR

Intense study of language and style in texts of different genres and periods. Includes written exercises such as pastiches, and occasional translation exercises.

FRE 316 CULTURES OF THE FRENCH-SPEAKING WORLD

3 CREDITS

PREREQUISITE: FRE 210-211 OR CONSENT OF INSTRUCTOR

Aims to introduce students to French civilization and to familiarize students with today's cultures of French-speaking countries from a historical, political, social, and artistic perspective.

FRE 320 LITERATURE I: FRANCE

3 CREDITS

PREREQUISITE: FRE 210-211 OR CONSENT OF INSTRUCTOR

French literature in a historical-cultural perspective, from the Middle Ages to the present, with a particular emphasis on the 19th and 20th century.

FRE 321 LITERATURE II: FRENCH-SPEAKING WORLD 3 CREDITS

PREREQUISITE: FRE 211 OR CONSENT OF INSTRUCTOR

Literature of French Canada, the Caribbean, and North and sub-Saharan Africa, in a historical-cultural perspective.

FRE 331 (WST 331) GLOBAL & FRENCH PERSPECTIVES ON WOMEN'S ISSUES 3 CREDITS

Through films, novels, and texts, this course explores a vast range of topics in the lives of Francophone women, both Western and non-Western. After a brief examination of women's role in history, culture, and politics, the course focuses on contemporary issues, including social advancement, political violence, religion, microfinancing, traditions versus modernity, forced marriages, polygamy, excision, incest, sexual identity, and abortion rights. The course encompasses several geographical areas – Europe, Canada, North and sub-Saharan Africa, South East Asia, and the Caribbean – and will emphasize the global aspect of most of these topics, using the French-speaking world merely as a starting point for discussion. Taught in English, films with English subtitles.

FRE 365 TOPICS IN FRENCH AND FRANCOPHONE STUDIES 3 CREDITS

PREREQUISITE: FRE 211 OR CONSENT OF INSTRUCTOR.

NOTE: MAY BE REPEATED FOR CREDIT WITH A CHANGE OF TOPIC.

Selected topics in French literature, language, or culture

FRE 430 (SPA 430, WLC 430) METHODS OF TEACHING FOREIGN LANGUAGE 3 CREDITS

Course designed to introduce student to current methodologies (K-12) with special emphasis given to the proficiency-oriented classroom. Emphasis placed on rapidly changing contemporary pedagogy. Course includes readings, awareness of professional journals and organizations, observation of FL classes, and a class project. Cross-listed with WLC 430 and Spanish 430. Taught in English.

FRE 480 INDEPENDENT STUDY 3-6 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR REQUIRED

Independent study in literature, culture, or linguistics.

FRE 490 INTERNSHIP 3 CREDITS

NOTE: OPEN ONLY TO ADVANCED STUDENTS WITH DEPARTMENT APPROVAL.

Students serve as aides, usually in first- and second-year classes. Objective is to give students practical experience in a classroom setting.

FRE 492 DIRECTED STUDY 3-6 CREDITS

PREREQUISITE: CONSENT OF INSTRUCTOR REQUIRED

FRE 495 FIELD EXPERIENCE 3-6 CREDITS

PREREQUISITE: APPROVAL OF DEPARTMENT

NOTE: OPEN ONLY TO ADVANCED STUDENTS WITH DEPARTMENT APPROVAL.

Courses of instruction: World Languages and Cultures

WLC 231 (FRE 231, WST 231) WOMEN WRITERS FROM FRENCH-SPEAKING COUNTRIES 3 CREDITS

Course will emphasize themes, style, society and culture in works of fiction by contemporary

Francophone women writers from North Africa, sub-Saharan Africa, the Caribbean, and Southeast Asia. This course is taught in English and may be repeated for credit with change in content.

WLC 324 (ENG 324, WST 324) LITERATURE BY WOMEN AUTHORS OF LATIN AMERICA **3 CREDITS**

Course will emphasize theme, style, and society in the works of fiction written by Latin American women. Taught in English.

WLC 365 TOPICS IN LITERATURE, LANGUAGE AND CULTURE **1-3 CREDITS**

Special topics in World Languages and Cultures.

WLC 375 (ENG 375) LANGUAGE ACQUISITION IN YOUNG CHILDREN **3 CREDITS**

Study of the development of first and second language (L1 and L2) in young children (birth through puberty). Includes infants' abilities at birth, pre-linguistic development, the first words, and phonological, syntactic and semantic development. Study of the major issues in L1 and L2 acquisition theory, such as the critical period hypothesis. Comparison of various theoretical models of acquisition for L1 and L2. Consideration of social and cultural factors affecting language acquisition.

WLC 430 METHODS OF TEACHING FOREIGN LANGUAGE (FRE 430, SPA 430) **3 CREDITS**

Course designed to introduce student to current methodologies (K-12) with special emphasis given to proficiency-oriented classroom. Emphasis placed on rapidly changing contemporary pedagogy. Course includes readings, awareness of professional journals and organizations, observation of FL classes, and a class project. Cross-listed with FRE 430 and Spanish 430. Taught in English.

WLC 492 DIRECTED STUDY **3 CREDITS**

PREREQUISITE: CONSENT OF INSTRUCTOR

Courses of Instruction: Spanish Language, Literature, and Culture

SPA 110/111 INTRODUCTORY SPANISH I/II **3/3 CREDITS**

A multi-media approach to learning Spanish using video, audio tapes, computer software, and the laboratory. This course introduces students to Hispanic cultures as they acquire basic skills in the language.

SPA 113/114 CAREER SPANISH I/II **3/3 CREDITS**

NOTE: COURSE FULFILLS COLLEGE ENTRANCE REQUIREMENT.

Two-semester course designed for those in medical field, business, law enforcement, social work, and teaching. Textbook covers basic grammar of regular beginner's course, accompanied by workbooks and tapes (with vocabulary, dialogues and exercises) on each of above fields.

SPA 210/211 INTERMEDIATE SPANISH I/II **3/3 CREDITS**

PREREQUISITES: TWO YEARS OF HIGH SCHOOL OR ONE YEAR OF COLLEGE SPANISH, OR CONSENT OF INSTRUCTOR

Using a multi-media approach, students review and refine skills in Spanish as they continue to learn about the Hispanic world.

SPA 213/214 CONTINUING SPANISH FOR CAREERS I/II **3/3 CREDITS**

Course is designed for students who have studied basic Spanish grammar and want to expand on these skills while acquiring specific vocabulary and knowledge pertaining to the following careers: social services, medical services, teaching, law enforcement, business. Emphasis is on conversation. Students will prepare skits for videotaping as part of their midterm and final exams.

SPA 310 ADVANCED SPANISH I **3 CREDITS**

PREREQUISITE: SPA 211 OR CONSENT OF INSTRUCTOR

Course will offer an intensive grammar review within a proficiency based context. Emphasis will be on task-performance, supplemented by multi-media materials and practice in the language laboratory.

SPA 311 ADVANCED SPANISH II **3/3 CREDITS**

PREREQUISITE: SPANISH 310 OR CONSENT OF INSTRUCTOR

Course will continue to offer an intensive grammar review within a proficiency-based context. Emphasis will be on task-performance, supplemented by multi-media materials and practice in the language laboratory.

SPA 312/313: SPANISH CONVERSATION & COMPOSITION I/II **3 CREDITS**

PREREQUISITES: SPA 311, 315 OR CONSENT OF THE INSTRUCTOR

The objectives of this course will be to engage in debates and conversation that will enhance not only linguistic abilities, but also reasoning and persuasion. Writing assignments will emphasize use of brainstorming and refinement of point of view.

SPA 315 SPANISH FOR SPANISH-SPEAKING STUDENTS **3 CREDITS**

NOTE: TAUGHT IN SPANISH. MAY BE REPEATED FOR CREDIT WITH A CHANGE IN CONTENT.

Designed to improve command of the language by native speakers. Grammar, composition and readings on Hispanic literature and culture (may substitute for 310 or 311).

SPA 316 SPANISH CIVILIZATION **3 CREDITS**

PREREQUISITE: SPA 311, 315 OR CONSENT OF INSTRUCTOR

Study of development of Spanish culture.

SPA 318 LATIN AMERICAN CIVILIZATION **3 CREDITS**

PREREQUISITE: SPA 311, 315 OR CONSENT OF INSTRUCTOR

Study of development of Latin American culture.

SPA 320 SPANISH LITERATURE I **3 CREDITS**

PREREQUISITE: SPA 310, 311 OR CONSENT OF INSTRUCTOR

Introduction to Hispanic literature in historical-cultural perspective.

SPA 321 SPANISH LITERATURE II **3 CREDITS**

PREREQUISITE: SPA 320 OR CONSENT OF INSTRUCTOR

A survey of Spanish literature in historical-cultural perspective.

SPA 323 READINGS IN LATIN AMERICAN LITERATURE **3 CREDITS**

PREREQUISITE: SPA 320 OR CONSENT OF INSTRUCTOR

NOTE: THIS COURSE MAY BE REPEATED FOR CREDIT WITH CHANGE IN TOPIC.

Course will emphasize theme, style and society in the works of Latin American authors. Taught in English or Spanish.

SPA 356 (SOC 356) AMERICA LATINA: ESTRUCTURA, CAMBIO Y DESARROLLO **3 CREDITS**

Analysis of the development of economic, social, and political structure.

SPA 365 HISPANIC STUDIES: SELECTED TOPICS **1-3 CREDITS**

NOTE: THIS COURSE MAY BE REPEATED FOR CREDIT WITH CHANGE IN TOPIC.

Selected topics in literature, language and culture. Taught in English or Spanish.

SPA 401 PHONETICS **3 CREDITS**

PREREQUISITE: SPA 311 OR CONSENT OF INSTRUCTOR

Course designed to make student aware of intonation patterns and sound differences between English and Spanish and to diagnose and correct individual speech problems. Includes laboratory work.

SPA 402 SYNTAX **3 CREDITS**

PREREQUISITE: SPA311 OR CONSENT OF INSTRUCTOR

Designed to increase student's grammatical proficiency emphasizing the unique features of Spanish grammar. Will stress composition aimed at accuracy of expression.

SPA 403 SPANISH-ENGLISH TRANSLATION **3 CREDITS**

PREREQUISITES: SPA 311, 315 OR CONSENT OF THE INSTRUCTOR

NOTE: MAY BE REPEATED FOR CREDIT WITH CHANGE IN CONTENT.

SPA 403 is an introduction to the art and science of translation, in particular, from Spanish into English. Aspects to be discussed include: different approaches to translation, form vs. meaning, implicit meaning, and literal vs. figurative senses.

SPA 430 (FRE 430, WLC 430) METHODS OF TEACHING FOREIGN LANGUAGE **3 CREDITS**

Course designed to introduce student to current methodologies (K-12) with special emphasis given to the proficiency-oriented classroom. Emphasis placed on rapidly changing contemporary pedagogy. Course includes readings taught in English, awareness of professional journals and organizations, observation of FL classes, and a class project.

SPA 480 INDEPENDENT STUDY **3-6 CREDITS**

PREREQUISITE: CONSENT OF INSTRUCTOR

Independent study in literature or linguistics.

SPA 490 INTERNSHIP **3 CREDITS**

NOTE: OPEN ONLY TO ADVANCED STUDENTS WITH DEPARTMENT APPROVAL.

Students serve as aides, usually in first- and second- year classes. The objective is to give students practical experience in a classroom setting.

SPA 492 DIRECTED STUDY **3-6 CREDITS**

PREREQUISITE: CONSENT OF INSTRUCTOR

SPA 495 FIELD EXPERIENCE **3-6 CREDITS**

PREREQUISITE: APPROVAL OF DEPARTMENT

NOTE: OPEN ONLY TO ADVANCED STUDENTS WITH DEPARTMENT APPROVAL.

OTHER COURSES OF INSTRUCTION: CHINESE, ITALIAN, JAPANESE

CHI 110/111 INTRODUCTORY CHINESE I/II**3/3 CREDITS**

Stresses the four basic language skills and cultural awareness of Chinese civilization. It will emphasize intensive oral and written practice as well as multimedia learning activities.

ITL 110/111 INTRODUCTORY ITALIAN I/II**3/3 CREDITS**

A beginning-level Italian course designed to stress the four basic language skills and cultural awareness of Italian civilization. It will emphasize intensive oral and written practice as well as multimedia learning activities.

JPN 110/111 INTRODUCTORY JAPANESE I/II**3/3 CREDITS**

Introductory Japanese is designed to stress the four basic language skills and cultural awareness of Japanese civilization. It will emphasize intensive oral and written practice as well as multimedia learning activities.

JPN 116 INTRODUCTION TO JAPANESE CULTURE**3 CREDITS**

An introduction to the world of Japan and its people, through books, articles, lectures and films.

Academic Minors

A minor is an approved program of study in a different subject from the major, in which a student can concentrate.

Descriptions of departmental minors may be found on the page indicated below.

Academic Minor	Page	Academic Minor	Page
Accounting	289	Geomorphology	144
Anthropology	225	Health	350
Art History	253	History	160
Astronomy Outreach & Public Presentation	197	Hydrogeology	145
Biochemistry	99	Management Information Systems	111
Biology	88	Mathematics	172
Business Administration	295	Music	178
Business Information Systems Management	307	Philosophy	194
Chemistry	102	Physical Education and Sport Leisure Management	353
Coaching	354	Physical Science	197
Communication		Physics	197
Computer Engineering Sciences	110	Political Science	222
Computer Science	111	Psychology	216
Criminology	224	Public Health Studies	350
Digital Art and Design	240	Social Informatics	306
Economics	326	Sociology	225
English	124	Spanish	261
Environmental Earth Science	143	Studio Art	225
French	261	Sustainable Energy Studies	278
Game Design	240	Theatre	182
Geographic Information Systems	143	World Languages	259
Geography	155	Writing	124

Interdisciplinary Minors

Eleven interdisciplinary minors are available: African American/Third World Studies, Asian Studies, Canadian Studies, Geographic Information Systems, Latin American Studies, New England Studies, Peace and Human Rights, Pre-Law, Public Health, Sustainable Energy Studies and Women's Studies.

Minor: African American/Third World Studies

Stacey K. Close, *Coordinator*

African American/Third World Studies is an interdisciplinary program which focuses on the study of the cultures, philosophies, politics, social-political structures, economies, arts, and music of African American and Third World peoples who share post-colonial and post-imperial experiences. The minor consists of 18 credits.

Required courses

AAT	201	Introduction to African American/Third World Studies	3
HIS	116	Introduction to Modern World	3

In addition to the required courses, students choose to follow one of two tracks: Track A – African American or Track B – Third World.

A student must complete three courses from Track A and one course from Track B for the African American focus; or three courses from Track B and one course from Track A for the Third World focus.

Cultural content areas

Note: An asterisk (*) denotes that prior approval of the program coordinator is required. Students wishing to apply courses other than the ones listed below must first receive permission of the program coordinator.

Track A – African American

ENG	242*	Literature and Social Issues
ENG	255	African American Literature
ENG	344	Literature of Africa
ENG	345	American Ethnic Minority Literature
HIS	243	Churches and the Civil Rights Movement
HIS	245	African American Religion
HIS	321	African American History to 1877
HIS	322	African American History Since 1877
FLM	322*	Film Appreciation: World Cinema
MUS	314*	Folk Music
PSC	422	Seminar: The United States
SOC	250	Social Inequality

Track B – Third World

ANT	264	Medical Anthropology (Health Behaviors)
ANT	337	Urban Anthropology: Third World Focus
ENG	344	Literature of Africa
FLM	322*	Film Appreciation: World Cinema
HIS	116	Introduction to Modern World
HIS	355	Development of Socialism
HIS	375	History of Japan
MUS	130	Introduction to World Music
PHI	210	Asian Philosophies
PSC	230	Middle Eastern Politics

PSC 250	Asian Politics
PSC 420	Seminar: The United States and Asia
PSC 422	Seminar: The United States and the Middle East and Africa

Courses of Instruction: African American/Third World Studies

AAT 201 INTRODUCTION TO AFRICAN AMERICAN/THIRD WORLD STUDIES

3 CREDITS

This course is designed to survey the African American and Third World experiences through cultural, historical, political and philosophical perspectives. To that end, this course will unveil the interdependency and interconnectedness that African Americans and Third World peoples have and share with the world.

Minor: Asian Studies

David Pellegrini, *Coordinator*

The Asian Studies Minor encourages students to make interdisciplinary connections while introducing them to the rich histories and cultures of a world region which has made major contributions to the human experience. Students are exposed to the background and current circumstances of an increasingly vital part of the globe. The Asian Studies minor has particular strengths in China, Japan, Korea, and India and complements an array of majors, including business, communications, economics, education, history, performing arts, political science, sociology, and visual arts. It provides students with a background for a wide variety of jobs and for graduate study.

The minor consists of a minimum of five courses and a minimum of 15 credit hours. *Courses should be chosen from the following list and must include courses from at least two disciplines:

ART 225	Asian Art and Culture
BUS 450	International Business
CHI 110	Introductory Chinese I
CHI 111	Introductory Chinese II
ENG 258	Asian-American Literature
HIS 275	Introduction to East Asian History
HIS 371	The Making of China's Tradition
HIS 372	China in Revolution
HIS 373	Mao's China
HIS 374	Early Japan
HIS 375	Modern Japan
JPN 110	Introductory Japanese I
JPN 111	Introductory Japanese II
JPN 116	Introduction to Japanese Culture
MUS 330	Korean Music and Culture
PHI 210	Asian Philosophies
PSC 230	Middle Eastern Politics
PSC 250	Asian Politics
THE 269	Asian Theatre and Performance

Students must earn a grade of C or better in all courses that are counted toward the minor.

Special topics courses, colloquia, independent studies, seminars, and travel courses may count toward the minor where the topic is appropriate; consent of the program coordinator required.

No more than two courses in an Asian language may count toward the minor's course minimum.

Of independent studies, seminars and travel courses, no more than two may count toward the minor's course minimum.

A minimum of three courses in the minor must be taken in residence at Eastern Connecticut State University.

Nine credit hours must be unique to the minor and not shared with other majors or minors.

Minor: Canadian Studies

Robert Horrocks, *Coordinator*

The Canadian Studies Program is an interdisciplinary and internationally focused minor which seeks to broaden the student's understanding of Canadian society, past and present. In addition to the course, there is an active Canada Club, which sponsors trips to Canada and hosts distinguished speakers from Canada. Students in Canadian Studies classes have also taken study trips to Canada to visit health and social-assistance agencies and have visited Kanawake, the Mohawk Reserve, and Québec.

The Canadian Studies minor is excellent for students seeking a cross-cultural course of study. It complements fields such as business, health care, teaching, and human services.

The Canadian Studies minor requires 15 credits in courses labeled CAS, one of which is CAS 201.

The minor consists of 15 credits as follows:

Required Course:

CAS 201	Introduction to Canadian Studies (ANT 201)	3
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Choose four:

CAS 222	Native People of Canada (ANT 222)	3
CAS 271	History of Canada (HIS 271)	3
CAS 305	Comparative Public Administration (PSC 305)	3
CAS 310	Environmental Chemistry (CHE 310)	3
CAS 317	Modern Canadian Literature (ENG 317)	3
CAS 329	Political Economy of Labor Relations (ECO 329)	3
CAS 340	Canadian Health (ANT 340)	3
CAS 365	Topics in French and Francophone Studies	3
CAS 370	Business Perspectives Canada/U.S. (BUS 370)	3
CAS 465	Special topics in Canadian Studies	3
CAS 480-81	Independent Study in Canadian Studies	3
CAS 490-91	Internship in Canadian Studies	3

Course of Instruction: Canadian Studies

CAS 201 (ANT 201) INTRODUCTION TO CANADIAN STUDIES 3 CREDITS

This course is an overview of Canadian society and culture. A fundamental question to consider is why and how Canada developed as it did, and evolved into a nation whose values and social, political and economic systems are a contrast to that of the United States.

CAS 222 (ANT 222) NATIVE PEOPLE OF CANADA**3 CREDITS**

This course explores the cultures of the native people of Canada, including the Indians, Inuits and Métis from prehistory to the present. This course will involve readings, lectures, films, the writing of papers and class participation.

CAS 271 (HIS 271) THE HISTORY OF CANADA**3 CREDITS**

This survey course in Canadian History examines political, social and economic events in Canada before and after Confederation. Special emphasis will be placed on recent U.S./Canadian affairs.

CAS 305 (PSC 305) COMPARATIVE PUBLIC ADMINISTRATION 3 CREDITS

An examination of the substantive and procedural processes of the administrative sectors of the U.S. and Canadian governments. Employs a comparative methodology to illustrate the growing interdependence of policy formation and administrative practice. It explores how economic interdependence implies the conveyance of the administrative practice of the trading partners.

CAS 310 (CHE 310) ENVIRONMENTAL CHEMISTRY**3 CREDITS**

PREREQUISITES: CHE 210 and CHE 213

A study of current environmental problems and practices related to chemistry and the chemical process industries. Biogeochemical cycling of elements in the context of air, water, food and land usage are discussed. Energy resources and the energy crisis are related to environmental restraint and pollution abatement policies.

CAS 329 (ECO 329) POLITICAL ECONOMY OF LABOR RELATIONS**3 CREDITS**

PREREQUISITES: CHE 210 and CHE 213

A study of the political, economic and cultural context of work. Specific topics include the impact of technology, public policy, immigration, and forms of capital ownership on the nature of work and workers, the historical development and current role of labor unions, and the role of women in labor markets.

CAS 329 (BUS 329) INTERNATIONAL MARKETING**3 CREDITS**

PREREQUISITE: CHE 210 and CHE 213

A multicultural perspective used to view the development of marketing plans and strategies in international business. Application of the marketing concept and marketing mix is examined with special attention to developing countries. Also included are export marketing and international marketing research.

CAS 365 TOPICS IN CANADIAN STUDIES**3 CREDITS**

A Canadian content course in which special topics of faculty interest provide the content. This course will reflect the multi-disciplinary nature of the Canadian studies program and will vary from year to year and semester to semester.

CAS 370 (BUS 370) BUSINESS PERSPECTIVES, CANADA/U.S. 3 CREDITS

A comparative study of Canada and the United States from the standpoint of business and economics and the emerging North American common market. Includes the Free Trade Agreement and other international links as well as regulatory and industrial policies and the effects of fiscal, monetary and social policies.

CAS 465 SEMINAR IN CANADIAN STUDIES

3 CREDITS

Open only to students minoring in Canadian Studies. The seminar will focus on selected topics in Canadian studies.

Minor: Geographic Information Systems

Roy R. Wilson, *Coordinator*

A geographic information system stores, analyzes, and displays spatially oriented data to improve decision-making. The key to the rapid growth of GIS is its ability to integrate data and to model complex physical processes. Environmental scientists are using it for applications such as environmental impact analysis, hydrological modeling, and biodiversity studies. The objective of the minor is to enable the student to apply spatial analysis principles to their academic discipline.

The minor consists of a minimum of 17 credit hours. Nine of these hours must be unique to the minor.

Requirements

EES 340	Geographic Information Systems	4
EES 342	Advanced Geographic Information Systems	4
EES 444	GIS Applications in Environmental Science	3
or		
EES 480	Independent Study (GIS Application Project)	3

Optional Courses

At least two additional courses approved by the GIS coordinator

Course of Instruction: Geographic Information Systems

EES 340 GEOGRAPHIC INFORMATION SYSTEMS WITH LAB 4 CREDITS

This is an introductory course. GIS is a spatial analysis system designed to improve environmental decision-making. Course objectives are to examine how digital earth resources data are collected, stored, analyzed, and displayed. The emphasis will be on environmental problems, although we will discuss additional applications.

EES 342 ADVANCED GEOGRAPHIC INFORMATION SYSTEMS WITH LAB 4 CREDITS

This course explores advanced topics in spatial analysis. We will investigate strategies for the integration of digital earth resources data in environmental modeling and gain experience in the use of advanced spatial analysis software.

EES 444 GIS APPLICATIONS IN ENVIRONMENTAL SCIENCE 3 CREDITS

This course will be a capstone experience in integrating environmental science courses and applying that knowledge to an environmental problem. Each student will develop a GIS application project and present it in a written, poster, or oral format.

Minor: Latin American Studies

James W. Russell, *Coordinator*

Latin American Studies is an interdisciplinary minor specializing in the histories, cultures, and social structures of the region.

The minor consists of 15 credits. The courses that may be used to fulfill the requirement include:

1. Up to six credits may be counted from intermediate (200-level) or above-level courses in one or more of the languages of the region.
2. The following courses currently taught at Eastern
 - ANT 225 Contemporary Puerto Rican Culture and Society
 - SPA 318 Latin American Civilization
 - SPA 323 Latin American Literature
 - HIS 255 Introduction to Latin America
 - HIS 341 Colonial Latin America
 - HIS 342 Modern Latin America
 - HIS 345 History of Mexico
 - HIS 346 Central America
 - HIS 347 History of Brazil
 - PSC 240 Latin American Politics
 - SOC 355 Latin America: Structure, Change and Development
 - SOC/SPA/356 America Latina (taught in Spanish)
 - WLC/ENG/
WST 324 Literature by Women Authors of Latin America
3. Other Latin America-related courses from Eastern or other universities with the consent of the Coordinator.
4. Independent studies courses that focus on a Latin America-related issue.

Minor: New England Studies

Barbara M. Tucker, *Coordinator*

The New England Studies minor is available for history majors as well as for students majoring in other disciplines whose professional and vocational careers may be strengthened by a knowledge of the distinctive values and characteristics of historic and contemporary New England. The minor emphasizes interdisciplinary study with varied course offerings that utilize traditional classroom lectures and discussions as well as individual research, internships, and field experiences.

The New England Studies minor consists of a minimum of 15 credits.

Required Courses

NES	200	Introduction to New England Studies
NES	400	Seminar in New England Studies

Electives

Select three courses from the following:

ART	305	Art of New England
HIS	320	Connecticut History
HIS	325	Expansion of New England
NES/HIS	250	History of New England

- NES 315 Field Studies in Historic New England
 NES/ENG 342 Literature of New England
 NES/ENG 343 Folklore and Folklife of New England

Courses of Instruction: New England Studies

NES 200 INTRODUCTION TO NEW ENGLAND STUDIES 3 CREDITS

The principal features and values of New England society from the colonial era to the present are examined through a survey of the region's natural history, folk cultures, literature, economic life and history.

NES 250 (HIS 250) HISTORY OF NEW ENGLAND 3 CREDITS

This course is designed to provide an overview of New England's cultural, economic, and political development from the colonial period to the present. The values, institutions, and ideas first found in New England often became the model for the rest of the country. Issues associated with the New England town, the growth of religion, industrialization, immigration, and urbanization are also discussed.

NES 315 FIELD STUDIES IN HISTORIC NEW ENGLAND 3 CREDITS

Methods of interpreting the historical environment are introduced through a practical hands-on work experience at the Samuel Huntington House (in Scotland, CT) or other sites.

NES 342 (ENG 342) LITERATURE OF NEW ENGLAND 3 CREDITS

PREREQUISITES: ENG 100 AND A 100- OR 200-LEVEL LITERATURE COURSE

Writers reflecting the distinctive culture and ambience of New England, possibly including Thoreau, Hawthorne, Dickenson, Stowe, Frost, Jewett, Freeman.

NES 343 (ENG 343) FOLKLORE AND FOLKLIFE OF NEW ENGLAND 3 CREDITS

Introduces students to traditional and customary lore of New England. Emphasis on Yankee storytelling traditions as represented in popular beliefs, anecdotes, local and personal legends, ballads and folk customs.

NES 400 SEMINAR IN NEW ENGLAND STUDIES 3 CREDITS

A research and writing seminar on selected topics that analyze New England's history and culture.

NOTE: FOR A DESCRIPTION OF THE HISTORY COURSES, CONSULT COURSES OF INSTRUCTION: HISTORY (PAGE 161)

Minor: Peace and Human Rights

Hope K. Fitz, *Coordinator*

The Peace and Human Rights Studies minor is a 15-hour interdisciplinary program compatible with any undergraduate major. The program draws on all disciplines which have peace and human rights components including anthropology, art, business, history, literature, philosophy, political science, sociology and woman's studies. Students are encouraged to think critically and to broadly explore issues of fundamental significance in today's world relating to peace and human rights.

The Peace and Human Rights minor consists of a minimum of 15 credits.

Required Courses: 6 credits

PHI 200	Peace and Human Rights
PHI 400	Peace and Human Rights Seminar

A 400-level independent study, in a variety of disciplines, may substitute for PHI 400 only when approved by the peace and human rights coordinator prior to enrolling in the course.

Electives: 9 credits

Select from the following. Substitutions may be made only with the prior approval of the Coordinator.

ANT 358	Anthropology of Violence
ART 369	African American Art
BUS 466	Nonprofit Management
HIS 243	Churches and the Modern Civil Rights Movement
HIS 346	Central America
HIS 391	Religion, War, and Peace in Early Modern Europe
PHI 220	Ethics
PHI 340	Philosophy of War
PHI 370	Human Rights: Natural and Civil
PSC 314	Modern Social and Political Thought
PSC 315	American Social and Political Thought
PSC/	
WST 326	Politics of Gender, Race, Class and Ethnicity
SOC/	
WST 208	Gay, Lesbian and Bisexual Lives

Minor: Pre-Law**William Salka, Coordinators**

Admission to law school is very competitive. Students who are serious about pursuing a career in law are strongly encouraged to dedicate much time and energy to preparing for this demanding process. Students entering the pre-law minor program as freshmen or sophomores must have a program of study approved by their pre-law advisor prior to the completing of 60 credits at Eastern. Transfer students must have their program approved prior to the completion of 30 credits at Eastern. Students should work closely with their pre-law advisor throughout their time at Eastern to prepare them best for admission to law school.

The pre-law minor program is designed to complement a student's major with coursework that prepares the student for the Law School Admissions Test (LSAT) and strengthens the student's skills in areas needed for success in law school, including critical thinking, logical reasoning, and effective writing. In addition to developing cognitive skills, the pre-law program is designed to provide students with a background that will help them understand the nature, workings, and justification of the law.

The pre-law minor program consist of 21 credits.

Creative and Analytical Thinking: 6 credits

Required:

PHI 215 Logical Inquiry

Choose one:

ENG 241 Critical and Creative Thinking

PHI 220 Ethics

Writing and Communication: six credits*Choose two:*

ENG 200 Reading and Writing Argument

ENG 371 Rhetoric/Rhetorical Theory

COM 230 Basic Speech

COM 330 Organizational Communication

Understanding Governmental and Social Institutions: six credits*Choose two:*

PSC 110 American Government and Politics

PSC 339 Constitutional Law I

PSC 340 Constitutional Law II

PSC 341 Judicial Process

PSC 350 Public Policy/Decision Making

SOC 101 Criminal Justice and Society

SOC 325 Law and Society

Understanding Business and Economics: 3 credits*Choose one:*

ECO 200 Principles of Macroeconomics

ECO 201 Principles of Microeconomics

BUS 250 Business Law I

Pre-Law Internship

Students are also highly encouraged to gain experience in the legal field through an internship or practicum.

PSC 492 Law Internship

SOC 375 Seminar and Field Instruction

SOC 490 Internship in Applied Criminology

Minor: Public Health Studies**Yaw Nsiah**, *Coordinator*

The minor in public health studies is designed to provide students with the multidisciplinary understanding needed to deal with public health issues at the local, state, national and international level. The coursework introduces them to the concepts governing the spread of diseases, techniques of disease surveillance, the impact of environmental quality and security on public health as well as the psychological and sociological factors that affect health dynamics at the population/community scale. The field internship experience provides access to real-life community health problems from a variety of disciplines, depending on the type of agency involved.

The minor in Public Health Studies consists of 18 credits (PBH to be used as the three-letter code for cross listing Public Health program courses).

Required Courses: Total 18 credits

BIO 202	Human Biology*	3 credits
BIO/PBH 206	Epidemiology for the Liberal Arts	3 credits
BIO/PBH 228	Introduction for Public Health	3 credits
HPE 209	Nutrition and Public Health Issues	3 credits
PBH 494	Field Internship in Public Health	3 credits

Choose 1: 3 credits

PSY 325	Health Psychology	3 credits
SOC 107	Social Problems	3 credits
SOC 250	Social Inequality	3 credits

*It is recommended that BIO 202 be taken before BIO 228}

Minor: Sustainable Energy Studies

Fred Loxson, Coordinator

The production and consumption of energy, especially energy based on fossil fuels, is a major source of environmental and social problems in the U.S. and the world, including global warming, air pollution, ecosystem destruction, and economic instability. Continuing growth in conventional energy consumption is not sustainable into the indefinite future and transition to an economy based on renewable energy technologies such as hydroelectric, solar, and wind energy is inevitable. Sustainable Energy Studies is the study of this transition through the perspectives of the natural sciences and the social sciences. Students who minor in Sustainable Energy Studies will be prepared to work as energy policy specialists in government, industry, and education.

The objectives of the minor in Sustainable Energy Studies are:

- 1) To introduce students to the emerging field of sustainable energy studies
- 2) To prepare students for post-graduate employment involving energy policy;
- 3) To ensure that science students understand the social economic implications of energy technology;
- 4) To ensure that social science students comprehend the technological and scientific basis of energy policy; and
- 5) To prepare educators to teach about energy science and energy policy.

The minor consists of 15 hours.

Required courses:

EES 205	Sustainable Energy	3
EES 305	Energy Resources and Energy Conservation	3
EES 306	Renewable Energy	3

Two courses or approved substitutions from the following list:

BIO 300	Ecology	3
ECO 201	Principles of Microeconomics	3

ECO 210	Economics and the Environment	3
EES 307	Sustainable Energy and Sustainable Development	3
EES 402	Energy Issues in Geoscience	3
EES 405	Sustainable Energy Analysis	3
EES 480	Independent Study in Earth Science*	3
EES 491	Internship in Environmental Earth Science*	3
PSC 351	Environmental Politics and Policy	3
PSC 353	Natural Resources Politics	3

*EES 304 can be substituted for EES 205. Both cannot be taken for credit.

**Topic must be approved and must be consistent with the minor.

Minor: Women's Studies

Marcia P. McGowan, *Director*

Women and their achievements, as well as society's treatment and view of women, comprise the subject matter for Women's Studies. The student who chooses Women's Studies as a non-degree minor must select 15 credits from the following:

Required Course:

WST 260 Introduction to Women's Studies

Twelve additional credit hours from the following:

WST 208	Gay, Lesbian and Bisexual Lives
WST 212	Sociology of Family
WST 227	Women and Politics
WST 228	Poetry of Women
WST 231	Women Writers from French-Speaking Countries
WST 240	Sociology of Gender
WST 244	Immigrant Women
WST 266	Mini-Lit [when the topic is a woman or women]
WST 300	Women and Work
WST 301	Medieval Women Mystics
WST 307	Gender, Justice, Environment
WST 310	Women and Crime
WST 315	Psychology of Gender
WST 317	Women and Family in Western Society
WST 324	Literature by Women Authors of Latin America
WST 326	Politics of Race, Class and Gender
WST 331	Global and French Perspectives on Women's Issues
WST 347	Black Women's Studies
WST 351	Feminist Theories
WST 355	Women and the Visual Arts
WST 356	Women Writers to 1900

WST	357	20th Century Women Writers
WST	363	Women and Modern History
WST	465	Studies in Sociology [when the topic is women]
WST	480	Independent Study
WST	490	Internship in Women's Studies

Credit for any other women-related courses must be approved through the director of Women's Studies

Courses of Instruction: Women's Studies

WST 208 (SOC 208) GAY, LESBIAN AND BISEXUAL LIVES 3 CREDITS

The class is an exploration into a range of topics in the lives of gay, lesbian and bisexual people and the society and culture in which they exist. Topics may include definitions; historical context; transgender issues; social movement emergence; identity issues; identity politics; reactions of society to gay people; information about homosexuality; understanding of attitudes and policies toward gays; family issues; gay culture, community and diversity. Helps students to understand and relate to the diversity of gay, lesbian and bisexual persons in everyday life.

WST 212 (SOC 212) SOCIOLOGY OF THE FAMILY 3 CREDITS

Changes in the structure of family life and patterns of child rearing, and developments affecting contemporary living.

WST 227 (PSC 227) WOMEN AND POLITICS 3 CREDITS

This course will examine the role of women in politics from participation to representation. Students will evaluate the role that women have played over time in the development of our political system.

WST 228 (ENG 228) POETRY OF WOMEN 3 CREDITS

Explores the work of several 19th- and 20th-century women poets. Poetry is approached through an examination of a women's tradition of literary influence and through observing how women restructure social relations and ethical beliefs through the invention of new symbolic orders, new mythologies, and new narratives that empower the lives of women and men.

WST 231 (FRE 231, WLC 231) WOMEN WRITERS FROM FRENCH-SPEAKING COUNTRIES 3 CREDITS

Course will emphasize themes, style, society and culture in works of fiction by contemporary Francophone women writers from North Africa, sub-Saharan Africa, the Caribbean, and Southeast Asia. This course is taught in English and may be repeated for credit with change in content.

WST 240 (SOC 240) SOCIOLOGY OF GENDER 3 CREDITS

Contrasting social experiences of human males and females in this society from infancy throughout the life cycle, as these result in differentiation of social roles and self-conceptions for adult men and women

WST 244 (HIS 244) IMMIGRANT WOMEN 3 CREDITS

This course will focus on the complex history of European, Asian, Spanish-speaking, and Caribbean women, who immigrated to the United States from the 19th century to the present. Like all immigrants, women faced great difficulties. Yet their encounter with America

was not the same as immigrant men's. We will study the way their identity as women shaped the roles, opportunities, and experiences available to them in the family, the workplace, the community, and the nation.

WST 260 INTRODUCTION TO WOMEN'S STUDIES

3 CREDITS

Note: Required of all women's studies minors. Recommended for those wishing to take advanced women's studies-related courses.

Provides necessary contextual background for the study of women and literature as well as the study of the cultural history of women.

WST 266 (ENG 266) MINI-LIT

1 CREDIT

Courses on various women writers listed from semester to semester. Courses run five weeks each and may be repeated from one to three times each, with topic changes.

WST 300 (ANT 300) WOMEN AND WORK

3 CREDITS

The course will examine the complex relationship between gender and work in the U.S. and internationally. Particular attention will be given to historical processes, such as colonization, slavery, and the "feminization of migration," specifically in the private and service sectors as nannies, maids, nurses, wives and sex workers. We will examine differentiation and inequality by gender, class, ethnicity, race and region. We will review the debates in the literature with a close examination of the dynamics of contemporary issues: paid and unpaid work; women in the formal and informal labor markets and the global economy; and feminist labor movements.

WST 301 (ENG 301) MEDIEVAL WOMEN MYSTICS

3 CREDITS

This course is an introduction to the study of the mystical tradition through examination of the lives and writing of selected women mystics. The writings of these women will provide us with a bold and vivacious answer to the classical and medieval antifeminist traditions which depict woman as the bane of Adam, the root of all evil, the source of temptation, or, at the opposite pole, as idealized and virginal objects of worship.

WST 307 (GEO 306): GENDER, JUSTICE, ENVIRONMENT

3 CREDITS

Course introduces students to the culturally specific ways in which gender relations both shape and are shaped by ideas about sustainable development and appropriate human-environment relations. Hegemonic notions of sustainability will be problematized by discussion of ecological understandings of interrelated biophysical networks that actively cross both physical and juridical boundaries and affect human political, economic, and social systems. Similarly, reading will critique hegemonic notions of development that have been imposed on women and will illustrate the ways in which divisions across class, race, and global

WST 310 (SOC 310) WOMEN AND CRIME

3 CREDITS

PREREQUISITE: SOC 100

Examines the involvement of women and girls in the criminal justice system from a sociological perspective. Explores a variety of issues relevant to women and girls as victims, offenders, and working professionals within the system.

WST 315 (PSY 315) PSYCHOLOGY OF GENDER**3 CREDITS**

PREREQUISITE: CONSENT OF INSTRUCTOR

Examines the biological and psychological aspects of sex differences. It explores the research and controversies in the areas of intelligence, ability, and personality and includes historical and current feminist perspectives.

WST 317 (HIS 317) WOMEN AND FAMILY IN WESTERN SOCIETY**3 CREDITS**

This course examines the evolution of the family and women's roles in Europe from the Reformation to the 20th-century. Important themes include education, childrearing, demographic changes, the household economy, changing gender roles, feminism, the effects of new ideologies on ideas of the family, and the development of the welfare state.

WST 322 (PSY 322) HUMAN SEXUALITY**3 CREDITS**

Course presents an overview of biological, psychological, behavioral, environmental, and sociological factors concerning human sexuality. Topics will cover the basics of human sexual orientation, sex/health education, sexual disorders and society's current attitudes about sex.

WST 324 (ENG 324, WLC 324) LITERATURE BY WOMEN AUTHORS OF LATIN AMERICA**3 CREDITS**

Course will emphasize theme, style, and society in the works of fiction written by Latin American women.

WST 326 (PSC 326) POLITICS OF RACE, CLASS AND GENDER**3 CREDITS**

This course provides perspectives on identity politics, the complex interaction between the categories of race, class, gender and ethnicity. Students will examine the role that race, class, gender and ethnicity play in our politics on a personal, local and national level.

WST 331 (FRE 331) GLOBAL AND FRENCH PERSPECTIVES ON WOMEN'S ISSUES**3 CREDITS**

Through films, novels, and texts, this course explores a vast range of topics in the lives of Francophone women, both Western and non-Western. After a brief examination of women's role in history, culture, and politics, the course focuses on contemporary issues, including social advancement, political violence, religion, microfinancing, traditions vs modernity, forced marriages, polygamy, excision, incest, sexual identity, and abortion rights. The course encompasses several geographical areas – Europe, Canada, North and Sub-Saharan Africa, South East Asia, and the Caribbean – and will emphasize the global aspect of most of these topics, using the French-speaking world merely as a starting point for discussion. Taught in English, films with English subtitles.

WST 347 (SOC 347) BLACK WOMEN'S STUDIES**3 CREDITS**

PREREQUISITE: SOC 100 OR CONSENT OF INSTRUCTOR

This course examines the complex experience of being a black woman in America. It addresses such topics as identity, black feminism, black/white sisterhood, social mobility, and activism from a socio-historical perspective.

WST 351 FEMINIST THEORIES**3 CREDITS**

PREREQUISITES: ENGLISH 100 AND A 100- OR 200- LEVEL LITERATURE OR WOMEN'S STUDIES COURSE

This course introduces feminist theories and practices. Feminist theories draw attention to the ways in which all our lives are shaped and interlinked by a range of social, economic, and political structures. Although gender plays a key component in these structures, we will also pay attention to different forms that colonial, gender, racial, sexual, and class hierarchies take.

WST 355 (ART 355) WOMEN AND THE VISUAL ARTS**3 CREDITS**

An introduction to women artists from diverse cultures throughout history and the ideological issues critical to understanding their contributions to the visual arts. Examines the social and cultural context in which women worked as well as the ways that women have been represented in art throughout the ages.

WST 356 (ENG 356) WOMEN WRITERS TO 1900**3 CREDITS**

Concentrates on poetry, prose, and drama written by women and may focus on a particular period, theme or genre at the discretion of the instructor.

WST 357 (ENG 357) 20th CENTURY WOMEN WRITERS**3 CREDITS**

Addresses the works of such modern women writers as Woolf, Wharton, Cather, Lessing, Morrison, A. Walker, Atwood, Silko, Hong Kingston, and others.

WST 363 (HIS 363) WOMEN AND MODERN HISTORY**3 CREDITS**

A special topic course that focuses on thematic issues in women's history. Regardless of theme, all sections will focus on the development of gender roles in past societies and the involvement of women in economic, political, and social institutions in the United States, Europe, Asia, or Latin America. Individual sections will focus on a particular time period and/or issue such as Victorian women or women of war. May be repeated with a change in topic.

WST 465 (SOC 465) STUDIES IN SOCIOLOGY**3 CREDITS**

NOTE: MAY BE REPEATED FOR CREDIT WITH A TOPIC CHANGE.

Advanced investigation and analysis of selected topics in sociology and applied social relations as they apply to women. Topics to be determined by student request and/or instructor interest.

WST 480 INDEPENDENT STUDY**3 CREDITS****WST 490 INTERNSHIP IN WOMEN'S STUDIES****3 CREDITS**

(Credit for any other women's-related courses must be approved through the women's studies director).

Certificate Programs

Undergraduate certificate programs are available through the School of Continuing Education for individuals who want to study a specific area in a shorter period of time than would be required to earn a degree. All courses in a credit certificate program may be applied to a degree program at a later date. Certificate programs are open to high school graduates as well as to baccalaureate degree holders. Visit www.easternct.edu/ce for details.

Certificate: Business Information Systems

This Certificate in Business Information Systems requires 15 credits

BUS	205	Information Management	3 credits
BIS	361	Business Information Systems and Web Technologies	3 credits
BIS	370	Systems Analysis and Design	3 credits
BIS	377	Organizational Website and Database Management	3 credits

Any other 300 or 400-level BIS course

Certificate: Environmental Management and Policy

Required Courses: Total 15 credits

BIO	200	Ecology and the Environment	3 credits
EES	220	Environmental Geology	3 credits
EES	315	Environmental Science and Society	3 credits
EES	320	Environmental Management	3 credits
PSC	351	Environmental Politics and Policy	3 credits

Certificate: Horticulture

Required Courses: Total 15 credits

BIO	200	Ecology and the Environment	3 credits
BIO	205	Insects and Human Society with Lab	4 credits
BIO	207	Plants and Human Affairs with Lab	4 credits
BIO	309	Summer Flora of Connecticut	4 credits

Certificate: Public Health Studies

Required Courses:

BIO	202	Human Biology*	3 credits
BIO/PBH	206	Epidemiology for the Liberal Arts	3 credits
BIO/PBH	228	Introduction to Public Health	3 credits
HPE	209	Nutrition and Public Health	3 credits

Choose 1: 3 credits

PSY	325	Health Psychology	3 credits
SOC	107	Social Problems	3 credits
SOC	250	Social Inequality	3 credits*

It is recommended that BIO 202 be taken before BIO 228

Certificate: Sustainable Energy Management

Required Courses: 9 credits

EES	205	Sustainable Energy	3 credits
EES	305	Energy Resources and Energy Conservation	3 credits
EES	306	Renewable Energy	3 credits

Choose 1: 3 credits

EES	125	Geology of Natural Resources	3 credits
EES	220	Environmental Geology	3 credits
EES	300	Basics of GIS	3 credits
EES	307	Sustainable Energy and Sustainable Development	3 credits
EES	402	Energy Issues in Geoscience	3 credits

OR

Independent study or research project with a faculty member

Choose 1: 3 credits

BIO	200	Ecology and the Environment	3 credits
ECO	210	Economics and the Environment	3 credits
ECO	322	Environmental Economics	3 credits
EES	320	Environmental Management	3 credits
GEO	337	Economic Geography	3 credits
PSC	350	Public Policy and Decision Making	3 credits
PSC	352	Global Environmental Politics	3 credits

School of
*Education and
Professional Studies*



The School of Education and Professional Studies

Jaime S. Gómez, *Interim Dean*

The School of Education and Professional Studies builds on a strong foundation in liberal arts and offers a variety of academic programs and experiences for students to acquire the skills, knowledge, attitudes, and values necessary for successful performance in the professions. The program at Eastern is designed to encourage students to develop a theoretical base as well as to engage in practical experiences which will serve as a basis for continued development in a complex and rapidly changing society.

Students are recruited by educational, business, industrial, and nonprofit organizations because of the organizational and interpersonal relations skills they develop through their programs. These skills are brought into sharp focus by a variety of field experiences which the students complete during their junior and senior years.

The faculty of the School of Education and Professional Studies support the mission of the University, its planned selective emphasis in professional education, and strong commitment to the liberal arts.

BUSINESS ADMINISTRATION

Chairperson: *Craig Erwin*

Professors: *Branco Cavarkapa, Chiaku Chukwuogor, Katalin Eibel-Spanyi, Ronald M. Lowy, Doncho Petkov, Moh'd Rujoub, Jeffrey Schaller, Elizabeth Scott*

Associate Professors: *Craig Erwin, Kwangsoo Lim, Weiping Liu, Richard Silkoff*

Assistant Professors: *Alex Citurs*

Major: Accounting (B.S.)

Moh'd RuJoub, *Coordinator*

Objectives

The Bachelor of Science in Accounting provides introductory and advanced courses in financial and managerial accounting, auditing, taxation and information systems. Successful students are prepared for positions in various types of business organizations and nonprofit entities.

Students majoring in accounting will be expected, through proper faculty advisement, to attain a desirable level of proficiency in the English language, mathematics, and business information systems. To develop educational breadth and depth, majors will be required to sample widely from the arts, humanities, natural and social sciences.

Student seeking professional careers in accounting, particularly with public accounting firms, are encouraged to pursue a graduate degree in accounting. The requirements for a Master of Science in accounting are presented in the Graduate Division section of this catalog.

Admission to the Program

Students majoring in accounting will be required to register their intent with the accounting faculty no later than the end of their sophomore year. The Bachelor of Science program will be primarily a junior/senior course of study and admission will be competitive. Students must

have attained a cumulative GPA of 2.7. An accounting major whose cumulative GPA falls below 2.7 for two consecutive semesters, will be dismissed from the major.

Degree Requirements

To graduate with a Bachelor of Science in accounting, a total of 57 credits will be required in the major, consisting of nine credits of related course requirements, 18 credits of common accounting core requirements and 30 credits of advanced accounting study. A minimum of 24 semester hours of the advanced accounting requirements must be completed in residence at Eastern.

Students majoring in accounting are exempted from GER Category IVB through successful completion of ECO 200 or ECO 201.

Transfer students with more than 30 credits should consult with the department chairperson as early as possible.

All B.S. Accounting majors must complete the following courses:

Related Course Requirements:

ECO 200	Principles of Macroeconomics
ECO 201	Principles of Microeconomics
ECO 215	Statistics for Business and Economics

Common Business Core Requirements:

ACC 201	Principles of Accounting I
BUS 201	Principles of Management
BUS 225	Principles of Marketing
BUS 245	Finance
BUS 250	Business Law I
BUS 300	Business Law II

Advanced Accounting Requirements:

ACC 301	Intermediate Accounting I
ACC 302	Intermediate Accounting II
ACC 303	Intermediate Accounting III
ACC 310	Cost Accounting Systems
ACC 311	Advanced Managerial Accounting
ACC 410	Advanced Financial Accounting
ACC 411	Contemporary Issues in Accounting
ACC 412	Auditing
ACC 416	Federal Income Taxation
ACC 420	Accounting Information Technology and Business Solutions

Recommended Course Sequence: Accounting Major (B.S.)

Check all course descriptions for prerequisites before planning course schedule.

First Year

ENG 100	College Writing	3
MAT ***	Mathematics above Algebra II	3
T1Q	First Year Liberal Arts Colloquium	3

T1HW	Health and Wellness	3
	Other LAC Tier 1 Requirements	18
	Total for Year	30 credits

Second Year

ECO 200	Principles of Macroeconomics	3
ECO 201	Principles of Microeconomics	3
ECO 215	Statistics for Business and Economics	3
BUS 201	Principles of Management	3
BUS 250	Business Law I	3
ACC 201	Principles of Accounting I	3
ACC 301	Intermediate Accounting I	3
	LAC Requirements	9
	Total for Year	30 credits

Third Year

ACC 302	Intermediate Accounting II	3
ACC 303	Intermediate Accounting III	3
ACC 310	Cost Accounting Systems	3
ACC 311	Advanced Managerial Accounting	3
BUS 225	Principles of Marketing	3
BUS 245	Finance	3
BUS 300	Business Law II	3
ACC 416	Federal Income Taxation	3
	LAC Requirements	6
	Total for Year	30 credits

Fourth Year

ACC 410	Advanced Financial Accounting	3
ACC 411	Contemporary Issues	3
ACC 412	Auditing	3
ACC 420	Accounting Information Technology and Business Solutions	3
	Electives *	18
	Total for Year	30 credits

* Two graduate courses may be selected with written approval of the accounting faculty

Minor: Accounting

Objectives

The accounting minor is designed to enable students with other various majors: (1) to study accounting principles, practices and procedures that apply to financial reporting, (2) to develop the critical thinking skills needed to understand the consequences of those accounting principles.

The minor in accounting is open to all university students and is designed to provide flexibil-

ity to those who wish to enrich their major area with greater understanding of the accounting procedures and techniques.

Students who wish to minor in accounting must take 15 credits as follows:

ACC 201	Principles of Accounting I	3
ACC 301	Intermediate Accounting I	3
ACC 302	Intermediate Accounting II	3
ACC 303	Intermediate Accounting III	3
	Total	12 credits

Three credit hours from the following electives:

ACC 310	Cost Accounting Systems	3
ACC 311	Advanced Managerial Accounting	3
ACC 416	Federal Individual Taxation	3
	Total	3 credits

Courses of Instruction: Accounting

ACC 201 PRINCIPLES OF ACCOUNTING I 3 CREDITS

An introduction to fundamental accounting concepts and generally accepted accounting principles. Emphasis is placed on understanding accounting as it is applied in serving the needs of business and society, the evolution of accounting, the basic accounting structure, and the preparation and interpretation of financial statements.

ACC 202 PRINCIPLES OF MANAGERIAL ACCOUNTING II 3 CREDITS

PREREQUISITE: ACC 201

Note: Only for Business majors.

An introduction to the principles and concepts needed to generate information for managers. Emphasis is placed on managerial accounting principles, cost systems and strategic decision making.

ACC 301 INTERMEDIATE ACCOUNTING I 3 CREDITS

PREREQUISITE: ACC 201

To discuss in-depth traditional intermediate financial accounting topics as well as the recent developments in accounting valuation and reporting practices promulgated by the leading professional accounting organizations and applied by practitioners in industry and public accounting. The material presented is balanced in order to insure that the conceptual discussions and procedural presentations are mutually reinforcing. Emphasis is placed on the conceptual framework underlying financial accounting, financial statement preparation, and asset recognition and measurement.

ACC 302 INTERMEDIATE ACCOUNTING II 3 CREDITS

PREREQUISITE: ACC 301

A continuation of Intermediate Accounting I. A concentrated study of stockholder equity, dilutive securities and investments, income and expense measurement and the preparation and analysis of financial statements. The behavioral and economic consequences of accounting and reporting alternatives will also be considered.

ACC 303 INTERMEDIATE ACCOUNTING III**3 CREDITS**

PREREQUISITE: ACC 302

A continuation of Intermediate Accounting II. An advanced study of specialized financial accounting topics and recent developments in accounting practices promulgated by the leading professional accounting organizations.

ACC 310 COST ACCOUNTING SYSTEMS**3 CREDITS**

PREREQUISITE: ACC 302

Covers fundamental principles and procedures needed for planning, evaluating and controlling the organization's internal activities. Students are exposed to accounting systems that are designed to provide information for managers in a wide variety of organizations as they strive to make decisions regarding budgeting, product pricing, production levels, and inventory valuations. Students learn how to work effectively with accounting information that involves job-order costing, process costing, and standard costing.

ACC 311 ADVANCED MANAGERIAL ACCOUNTING**3 CREDITS**

PREREQUISITES: ACC 310 AND ACC 302

Provides the information management needs at both the executive and operational levels to manage costs and provide for the revenue stream. With a cost management system, the student provides data which enables managers to view costs in multiple ways, plan more effectively, measure performance more accurately, and reduce unnecessary spoilage and waste. Topics covered include capital budgeting, inventory valuation and control, linear programming, decentralization and performance measurement, transfer pricing, decisions under uncertainty, responsibility accounting, and product quality costs.

ACC 410 ADVANCED FINANCIAL ACCOUNTING**3 CREDITS**

PREREQUISITE: ACC 303

The aim of this course is to introduce the student to advanced financial accounting subjects, including accounting for business combinations and consolidations, foreign operations, and partnerships. It also provides an overview of the accounting procedures for affiliated companies and branches, international accounting standards (IAS) and accounting for multinational enterprises, reporting for the Securities and Exchange Commission (SEC), segments of business enterprises and segment reporting, accounting for bankruptcy, and interim reporting. State-of-the-art technology is acquired by the use of spreadsheets.

ACC 411 CONTEMPORARY ISSUES IN ACCOUNTING**3 CREDITS**

PREREQUISITE: ACC 303

Designed to cover important topics that are not included in the traditional accounting courses. Students are required to conduct research and write papers dealing with current issues in the areas of international accounting, governmental accounting and nonprofit accounting. Special attention is given to the "standard setting process," and the literature produced by the Financial Accounting Standards Board, the American Institute of Certified Public Accountants, and the Government Accounting Standards Board.

ACC 412 AUDITING**3 CREDITS**

PREREQUISITES: ACC 302 AND ACC 311

Emphasis is placed on the philosophy and environment of the auditing profession. Attention is given to the nature and purpose of auditing, generally accepted auditing standards, professional conduct, auditor's legal liability, and the procedures followed in performing audits of financial statements.

ACC 416 FEDERAL INDIVIDUAL TAXATION

3 CREDITS

PREREQUISITE: ACC 301

Emphasis is placed on basic forms and structures of federal income taxation and delves particularly into those aspects which affect individual taxpayers. Attention is given to the historical development of federal taxation, the legislative process, the underlying rationale of federal taxation, working with the Internal Revenue Code, tax preparers' responsibilities, and tax research.

ACC 420 ACCOUNTING INFORMATION TECHNOLOGY AND BUSINESS SOLUTIONS

3 CREDITS

PREREQUISITES: ACC 301, ACC 302, ACC 310 AND CSC 100

This course introduces the student to accounting information technology and business solutions. It also provides an overview of the concepts, objectives and the importance of properly designed systems. Students learn to design, create, update, query and maintain accounting databases. The hands-on portion of the course reinforces the lecture material with examples from real applications.

ACC 480 INDEPENDENT STUDY

3 CREDITS

PREREQUISITE: OPEN ONLY TO ADVANCED ACCOUNTING MAJORS AND CONSENT OF THE INSTRUCTOR.

Independent research under the guidance of a faculty member on an approved, specified topic or subject area. A written project is required.

ACC 490 INTERNSHIP IN ACCOUNTING

6 CREDITS

PREREQUISITE: OPEN ONLY TO SENIORS BY APPLICATION.

Intensive field work experience in accounting. Assignments in private, nonprofit and public institutions. Students should schedule a minimum of two full days per week.

ACC 492 DEPARTMENTAL INTERNSHIP - ACCOUNTING

3 CREDITS

PREREQUISITE: PERMISSION OF THE ACCOUNTING FACULTY.

Opportunity for accounting majors to assist faculty in college-level accounting courses under the direct supervision of an accounting professor.

Major: Business Administration (B.S.)

Craig Erwin, *Coordinator*

Objectives

The Bachelor of Science in Business Administration is awarded to students achieving proficiency in the University's Liberal Arts Core Curriculum requirements and the department's integrated and advanced course requirements. Students successfully completing the program will be well prepared to assume careers in today's competitive business environment, to start their own business or to continue on to graduate school.

Students majoring in business will be well grounded in the liberal arts so they may develop their creative skills and have an understanding of the environment around them. In addition, students will acquire proficiency in basic skills such as computers, business information systems, economics, mathematics, and communications as well as an international perspective. Through this unique business program, Eastern students will develop both a theoretical and

pragmatic understanding of how businesses operate as successful competitive organizations. Through completion of appropriate advanced courses, majors can earn a concentration in one of the following fields: finance, human resource management, management, marketing, operations management, or international business.

Overall, the business administration major combines a thorough grounding in business concepts and applications with a liberal arts foundation.

Admission to the Program

Students can apply for admission to the business program at anytime.

A business major whose cumulative GPA falls below 2.7 for two consecutive semesters will be dismissed from the major.

All students are required to complete the competency exam and BUS 351 before being admitted to the capstone course Management Policy and Strategy (BUS 431).

Degree Requirements

Requirements for the Business Administration degree include completion of all University LAC requirements as well as business requirements and electives. A minimum of 24 semester hours in the business major must be completed in residence at Eastern.

Related Course Requirements: 12 credits

ECO 200	Principles of Economics I Macro
ECO 201	Principles of Economics II Micro
BUS 205	Information Management
MAT 216	Statistical Data Analysis
or	
ECO 215	Statistics for Business and Economics

Related Business Requirements: 21 credits

ACC 201	Principles of Accounting I
ACC 202	Principles of Managerial Accounting
BUS 225	Principles of Marketing
BUS 201	Principles of Management
BUS 245	Business Finance
BUS 250	Business Law I
BUS 260	Operations Management

Common Business Core Requirements: 15 credits

BUS 351	Advanced Business Concepts and Entrepreneurial Applications
BUS 301	Business Ethics
BUS 431	Management Policy and Strategy
BUS 490	Internship – Students interested in graduate school can substitute an Independent Study in research for the internship requirement. Calculus is a prerequisite for the Independent Study in research.

Business Electives (any 300- and 400-level business courses): 12 credits

Students who take nine or more credits of their electives in one field earn a concentration in

that field. Concentrations are available in finance, human resource management, management, marketing, operations management, and international business.

International Perspectives: six credits

This requirement can be fulfilled by choosing one of the following options:

- an additional year of a foreign language (sophomore level) beyond the basic University requirement.
- two international business courses. This is in addition to the 12 credits of business electives.
- an international minor (e.g., Canadian Studies, Latin American Studies, Spanish, French).
- one semester of study abroad.

Transfer Policy

The Business Administration Department extends a warm welcome to transfer students from within Connecticut, from other states, and from other countries. Check with one of our advisors on all transfer questions related to the major. Our departmental residency requirement is 24 credits.

Only one transferred course can be used to meet the business elective requirement.

Recommended Course Sequence: Business Administration Major (B.S.)

Check all course descriptions for prerequisites before planning course schedule. All courses carry three credits unless stated otherwise.

First Year

HPE ***	Health and Wellness	2
ENG 100	College Writing	3
MAT ***	Math LAC	3
LAP130	First Year Liberal Arts Colloquium	3
ECO 200	Principles of Macroeconomics	3
	Other LAC Requirements	16
	Total	30 credits

Second Year

BUS 201	Principles of Management	3
ECO 201	Principles of Microeconomics	3
MAT 216	Statistical Data Analysis	3
or		
ECO 215	Statistics for Business and Economics	3
ACC 201	Principles of Accounting I	3
ACC 202	Principles of Accounting II	3
BUS 205	Information Management	3
BUS 250	Business Law I	3
	Other LAC Requirements	6
	Total	30 credits

Third Year

BUS 245	Business Finance	3
BUS 260	Operations Management	3
BUS 351	Advanced Business Concepts and Entrepreneurial Applications	3
BUS 301	Business Ethics	3
	Business International Perspective	6
	Business Electives	6
	Other LAC Requirements	3
	General Elective	3
	Total	30 credits

Fourth Year

BUS 431	Management Policy and Strategy	3
BUS 490	Business Internship	6
	Business Electives	6
	General Electives	15
	Total	30 credits

Minor: Business Administration

Craig Erwin, *Coordinator*

The minor in business administration is open to all university students and is designed to provide individuals with both a theoretical and practical understanding of operating a business.

Prerequisite: Students must take ECO.

In addition, students must take 18 credits drawn from the following:

Accounting 201 (3 credits)

General Business (6 credits)

These courses must be drawn from two different areas of business:

- Finance
- Management
- Marketing
- Operations

Business Electives (nine credits)

Students can take any 300-level or above business courses selected according to their particular interest.

Honors

Each year selected students are honored for distinguished academic achievement by membership in the Delta Omega chapter of Delta Mu Delta, the National Honor Society for Business Administration.

Courses of Instruction: Business

BUS 201 PRINCIPLES OF MANAGEMENT

This course provides an introduction to the foundations of management. Instruction emphasizes the history of management, the practical use of theories, frameworks and models, integrating functional areas of business, and other special topics including: corporate culture, ethics, social responsibility, entrepreneurship, and international, public, and nonprofit management.

BUS 205 INFORMATION MANAGEMENT

3 CREDITS

Introduces the use of technology for ethical problem solving and decision making across all major functions of organizations. Particular attention is given to the critical analysis, organization, communication and presentation of information for organizational planning and control with critical reflection on project work.

BUS 225 PRINCIPLES OF MARKETING

3 CREDITS

RECOMMENDED: ECO 201

An introduction to the field of marketing. This course is designed to expose students to the elements of the marketing mix and processes involved in market planning and control. Concepts associated with buyer behavior, marketing information systems, and product planning are discussed.

BUS 230 BUSINESS AND SOCIETY

3 CREDITS

This course presents an interdisciplinary introduction to business organizations and the interaction between society and business. In addition to an overview of the fields of management, finance, marketing, and operations, this course also explores such timely issues as ethics, social responsibility, and the global market place. Students will also have an opportunity to explore career development and job search issues.

BUS 234 SUPERVISION AND TRAINING

3 CREDITS

PREREQUISITE: BUS 201 or BUS 230

Focuses on the roles and function of the supervisor as a first line manager. Special emphasis is placed on the responsibility of supervisors in formal and informal training with supervisees.

BUS 245 BUSINESS FINANCE

3 CREDITS

PREREQUISITES: MAT 101, ACC 201, OR EQUIVALENT

Basic financial concepts of risk and return, time value of money, criteria for investment decisions, financial markets and securities, financing decisions, forecasting, asset management, and dividend policy.

BUS 250 BUSINESS LAW I

3 CREDITS

A study of the American legal system including a study of the history and development of law in general, a specific study of constitutional law as it applies to the business environment, the law of torts and crimes, dispute resolution methods, and the law of contracts and agency.

BUS 260 OPERATIONS MANAGEMENT

3 CREDITS

PREREQUISITES: MAT 216 OR AN EQUIVALENT STATISTICAL COURSE

Fundamentals of production planning and control, quality control, and facilities management. Focuses on management systems for greater competitiveness in manufacturing and the service sector.

BUS 300 BUSINESS LAW II**3 CREDITS**

PREREQUISITE: BUS 250

An advanced study of business law involving the areas of property law (including real and personal property), bailments, landlord-tenant and estates and trusts; sales contracts emphasizing the effects of the Uniform Commercial Code on the common law of sales; products liability; negotiable instruments; credit, including the law of secured transactions and bankruptcy; the regulation of business, including intangible property, anti-trust and consumer protection measures.

BUS 301 BUSINESS ETHICS**3 CREDITS**

PREREQUISITE: ACC 202, BUS 225, BUS 201, BUS 245, BUS 260, ENG 100, 100P, or 200

In this course, students who are already familiar with the core areas of business administration and the ethical issues faced in those areas will engage in writing intensive examination of classical and modern approaches to business ethics and exploration of their own moral values.

BUS 310 CONTEMPORARY ISSUES IN EMPLOYMENT LAW **3 CREDITS**

This course focuses on the legal regulations that govern the employer-employee relationship at the state and federal levels. Topics will include anti-discrimination statutes, wage and labor laws, privacy and disclosure restrictions, and the process involved in violations and legal remedies.

BUS 321 ADVERTISING**3 CREDITS**

PREREQUISITE: BUS 225

An overview of advertising and marketing communication activities of contemporary businesses. The role of advertising in market planning by the firm as well as its role in the economy will be discussed. Topics on marketing communication will include sales promotion and publicity. Emphasis will be placed on communications management, media planning and selection.

BUS 324 MARKETING MANAGEMENT FOR THE HOSPITALITY INDUSTRY
3 CREDITS

PREREQUISITE: BUS 350 OR BUS 225

Marketing as it applies to the hospitality industry, including how a marketing strategy is devised, especially the interrelationship of company objectives, internal resources, the external operating environment, and how the special nature of service affects the development of marketing strategies in the hospitality industry.

BUS 325 CONSUMER BEHAVIOR**3 CREDITS**

PREREQUISITE: BUS 225

An examination of the factors governing consumer response in the marketplace. These include the acts, processes, and social relationships exhibited by individuals, groups, and organizations in the obtainment, use, and consequent experiences with products, services, and other resources. The course focuses on the application of knowledge of consumer behavior to marketing management.

BUS 326 SALES MANAGEMENT**3 CREDITS**

PREREQUISITE: BUS 225

Methods used to develop, employ, and control sales organization. Focuses on selection, training, and control of salesmen. Deals with compensation and incentives, sales territories and quotas, sales coordination with advertising, sales promotion, and other staff services.

BUS 327 INDUSTRIAL MARKETING**3 CREDITS**

PREREQUISITE: BUS 225

Conditions influencing the development and integrated marketing of goods and services to industrial buyers. A review of the buying motives of the industrial user, organization for marketing industrial products, distribution cost analysis, and a survey of the procedures utilized to market products to the government user.

BUS 329 INTERNATIONAL MARKETING**3 CREDITS**

PREREQUISITE: BUS 225

A multicultural perspective used to view the development of marketing plans and strategies in international business. Application of the marketing concept and marketing mix is examined with special attention to developing countries. Also included are export marketing and international marketing research.

BUS 330 INDUSTRIAL LABOR RELATIONS**3 CREDITS**

PREREQUISITE: BUS 201 OR BUS 230

An examination of labor-management relations including the nature of labor organizations, an analysis of the collective bargaining process, and the public regulation of industrial relations.

BUS 331 ORGANIZATIONAL BEHAVIOR**3 CREDITS**

PREREQUISITE: BUS 201 OR BUS 230

Fundamental psychological and sociological phenomena that underlie group behavior, exploration of organizational processes including leadership, motivation, communication, and change. Emphasis on the behavioral aspects of management and the analytical tools for decision-making.

BUS 332 MANAGEMENT OF ORGANIZATIONS**3 CREDITS**

PREREQUISITE: BUS 201 OR BUS 230

Organizations as an organic whole, functioning within their competitive economic and social environments. Emphasis on key issues of administrative processes critical to organizational performance.

BUS 333 HUMAN RESOURCE MANAGEMENT**3 CREDITS**

PREREQUISITE: BUS 201 OR BUS 230

Personnel administration and its functional relation to the entire scope of business, motivation, supervision, and supervisory skills, manpower and employee development and management's responsibility for the total person. Emphasis placed on an understanding of individual and group relationships.

BUS 334 INTRODUCTION TO THE HOSPITALITY INDUSTRY **3 CREDITS**

This is a survey course that provides students with an overview of the hospitality industry. This course looks at the elements of marketing, operations, structure and leadership that are unique to the industry.

BUS 345 ADVANCED TOPICS IN BUSINESS FINANCE**3 CREDITS**

PREREQUISITE: BUS 245 OR EQUIVALENT

Application of financial concepts and techniques to corporate decisions, including capital budgeting, capital structure, leasing, mergers, and asset management.

BUS 346 INVESTMENT ANALYSIS**3 CREDITS**

PREREQUISITE: BUS 245 OR EQUIVALENT

Principles and techniques of investment in securities with a continuous appraisal of the economic setting. The mathematics of investment, the role of investment banking houses, stock exchanges and over-the-counter market, federal and state regulations of trading in bonds and equities.

BUS 347 FINANCIAL INSTITUTIONS**3 CREDITS**

PREREQUISITE: BUS 245 OR EQUIVALENT

This course introduces concepts associated with banks, savings and loans, credit unions, money market funds, insurance companies, pension and mutual funds, security brokers and other suppliers of financial services. These financial institutions form the foundation of any monetary systems.

BUS 348 PERSONAL FINANCIAL PLANNING**3 CREDITS**

This course reviews the institutions, instruments, and techniques of personal financial planning. It concentrates on the areas of risk management, establishing budgets, tax management, investments, retirement planning, and estate planning.

BUS 349 REAL ESTATE FINANCE**3 CREDITS**

PREREQUISITE: BUS 245 OR EQUIVALENT

Covers the fundamental principles of real estate business regarding property, contracts, agencies, listings, different methods of real estate financing, deeds, liens and encumbrances, es-crows and title insurance, land descriptions, real estate mathematics, income properties, real estate management and leasing, taxes and real estate deals. It further explores the main objectives of investing in real estate mortgages and mortgages backed securities.

BUS 351 ADVANCED BUSINESS CONCEPTS AND ENTREPRENEURSHIP**3 CREDITS**

PREREQUISITE: BUS 201, BUS 225, BUS 230, BUS 245, AND BUS 260

This course provides the fundamental concepts, principles and practices of the functions underlying a successful business enterprise. The relationship among disciplines is emphasized to provide a holistic picture of the business venture. In addition, the students will develop and present a business plan in order to further integrate the material previously taught. The course is taught by a team of faculty, each of whom has expertise in one of the major disciplines, as well as an understanding of business administration.

BUS 360 SUPPLY AND CHAIN MANAGEMENT**3 CREDITS**

PREREQUISITE: BUS 260

This course examines the strategic importance of supply chain design, planning and operation. This course covers topics that have become critical to organizations' competitiveness such as supplier selection, information technology for supply chain management, development of logistics networks, and coordinated product design.

BUS 361 (BIS 361) SYSTEMS AND OPERATIONS**3 CREDITS**

Theory and applications of operations as a framework for better decision making in a wide range of organizations which generate products and/or services. Includes related aspects of management theory, operations research and strategic concepts. Applications are centered on practical uses of management information systems.

BUS 362 GLOBAL OPERATIONS AND LOGISTICS**3 CREDITS**

PREREQUISITE: BUS 260

This course is focused on the management of operations and logistics in firms that source, produce, distribute and market in multiple nations and compete in a global arena. Course-work will describe the difference between local and global operations and examine the factors that influence the effectiveness of the operations function in a global environment. Three major areas will be addressed: 1) global operations and logistics strategy; 2) global operations and logistics planning; and 3) effective management of global operations and logistics.

BUS 365 BUSINESS REPORT WRITING WITH MICROCOMPUTER APPLICATIONS**3 CREDITS**

PREREQUISITE: BUS 205 OR EQUIVALENT

This course provides the student with an understanding of the basic methods of written correspondence that is needed for optimal business communication. It includes techniques for report organization, the use of data sources, illustrating and writing reports, and report writing microcomputer techniques and skills. This course serves as the writing intensive course appropriate for the business major as part of the LAC writing requirements.

BUS 366 LEAN PRODUCTION MANAGEMENT**3 CREDITS**

PREREQUISITE: BUS 260

This course provides an introduction to the fundamental concepts of lean principles. The course covers the five pillars of lean management: just-in-time, total quality management, worker involvement, value added management, and time based competition. Case studies of actual implementations of lean principles are used during the course.

BUS 370 (CAS 370) BUSINESS PERSPECTIVES, CANADA/U.S. 3 CREDITS

A comparative study of Canada and the U.S. from the standpoints of business and economics and the emerging North American common market. Includes the Free Trade Agreement and other international links as well as regulatory and industrial policies and the effects of fiscal, monetary and social policies.

BUS 374 INTRODUCTION TO ENTREPRENEURSHIP**3 CREDITS**

PREREQUISITE: BUS 201 OR BUS 230

This course examines the process of entrepreneurship and the current theories and practice. Social and psychological factors, innovation, creativity, risk, and planning are used to create a basic framework for understanding entrepreneurship.

BUS 375 ENTREPRENEURIAL FINANCE**3 CREDITS**

PREREQUISITE: ACC 201

This course has been developed to encompass industry characteristics and prospects, cost and assets required to start a business, typical business ratios, pro-forma financial statements, cash flow scheduling, working capital management, capital structure planning, and a business plan outline.

BUS 377 SMALL BUSINESS PLANNING**3 CREDITS**

PREREQUISITE: ACC 201 OR CONSENT OF INSTRUCTOR

A business plan is a planning and operating document that will improve the chances of business success for a new venture. The basic principles underlying the start-up and on-going operations of a small business will be covered as well as how to document and present these components in a business plan. This course offers an integrated approach to understanding business by focusing on the linkages between finance and management and exploring additional linkages to marketing and operations. The course content offers a comprehensive introduction to managerial finance and market analysis and marketing plans. Advanced topics in management include human resource management, group dynamics, organization theory and organizational behavior.

BUS 428 MARKETING RESEARCH**3 CREDITS**

PREREQUISITE: BUS 225

An introduction to the quantitative and qualitative techniques used in marketing research. Emphasis on marketing planning and decision-making. (Required for marketing concentration.)

BUS 429 STRATEGIC MARKETING**3 CREDITS**

PREREQUISITE: BUS 225 (BUS 245 RECOMMENDED)

An upper-level course which provides students with practice in the design, implementation, and control of marketing strategies. It is an operationally oriented course emphasizing the application of marketing concepts, principles and methods.

BUS 431 MANAGEMENT POLICY AND STRATEGY**3 CREDITS**

PREREQUISITE: BUS 351 AND COMPETENCY EXAM, FOR BUSINESS MAJORS; OR CONSENT OF INSTRUCTOR, FOR NON-BUSINESS MAJORS

Capstone course in management open only to seniors. Focuses on the entrepreneurial and administrative tasks of a general manager who must formulate and implement strategy. Includes strategies for new enterprises. Satisfies requirement in finance, management, and marketing specializations.

BUS 433 METHODS OF HUMAN RESOURCE MANAGEMENT DEVELOPMENT**3 CREDITS**

PREREQUISITES: BUS 331 AND BUS 333

Selected methods of managing human resource problems in business analyzed. Job enrichment, quality of work life, assessment centers, career counseling, and performance review are among the methods considered in class. Emphasis will be on the practical application of these programs.

BUS 434 ORGANIZATIONAL IMPROVEMENT & MANAGEMENT DEVELOPMENT**3 CREDITS**

PREREQUISITES: BUS 331, BUS 332, OR BUS 333

An examination of the notion that organizations can be strengthened and productivity increased through more effective management. Extensive participation, a wide range of reading and written work are expected. Seminar format.

BUS 437 INTERNATIONAL FINANCIAL MANAGEMENT 3 CREDITS

PREREQUISITES: BUS 245 OR EQUIVALENT

This course emphasizes that the multinational firm has become increasingly important as a facilitator of international trade as well as a producer in host countries where its affiliates are located. This course underscores the fact that within the past decade, the global integration of money and capital markets has created expanded opportunities for both investors and organizations that need to raise capital.

BUS 438 BANK MANAGEMENT 3 CREDITS

PREREQUISITE: BUS 245

Specifically this course on Bank management addresses the following issues: management of interest income and non-interest income, non-interest expense, interest rate risk, financial futures, forward rate agreements, and interest rate swaps, assets and liabilities management, cost of fund and the effective use of capital. It further addresses issues relating to liquidity planning and managing cash assets, evaluating commercial loan requests, evaluating consumer loans, banks' investment portfolio, policy guidelines and other active investment strategies.

BUS 442 (BIS 442) INFORMATION TECHNOLOGY PROJECT MANAGEMENT 3 CREDITS

PREREQUISITE: BIS 370

This course focuses on the management of information technology projects. The body of knowledge for project management, including terms, tools and techniques, will be covered as it applies specifically to information projects. The course will use case studies of successful and unsuccessful information technology projects to illustrate key factors that contribute to project success or failure.

BUS 445 CASE STUDIES IN FINANCIAL MANAGEMENT USING ELECTRONIC SPREADSHEETS 3 CREDITS

PREREQUISITE: BUS 345

This course will build upon concepts learned in BUS 345 through the use of case studies. In addition, students will learn how to use electronic spreadsheets to perform many of the calculations inherent in these case studies thereby allowing the student to focus on the interpretation and understanding of the results.

BUS 446 FINANCIAL DERIVATIVES 3 CREDITS

PREREQUISITES: BUS 346 OR CONSENT OF INSTRUCTOR

This course introduces concepts associated with options, futures, interest rate and currency swaps. In addition, financial engineering will be discussed so that students will gain an understanding of the process of creating new financial securities.

BUS 450 INTERNATIONAL BUSINESS 3 CREDITS

PREREQUISITES: BUS 201, BUS 225, BUS 230, OR CONSENT OF INSTRUCTOR

A course introducing the essential elements of international business including an overview of current international business patterns, the effect of social systems on international business, financial forms and institutions that measure and facilitate international transactions, alternatives for international policy and strategy, and the management of international activities within the functional disciplines.

BUS 460 CHASE FELLOWS HONORS SEMINAR**3 CREDITS**

PREREQUISITE: BY INVITATION OF DEPARTMENT

Department-sponsored honors seminar under the aegis of the David T. Chase Free Enterprise Institute. Selected students participate by invitation of the department.

BUS 462-469 SEMINAR IN SELECTED BUSINESS TOPICS**3 CREDITS EACH**

Note: May be applied to any appropriate area of specialization with approval of advisor or department chairperson.

Emphasizes selected special topics pertinent to management and administrative practices. Seminar format.

BUS 462	Seminar in Finance
BUS 463	Seminar in International Business
BUS 464	Seminar in Management
BUS 465	Seminar in Marketing
BUS 466	Seminar in Non-Profit Organizations
BUS 467	Seminar in Operations and Systems
BUS 468	Seminar in Small Business
BUS 469	Seminar in Special Topics

BUS 480 INDEPENDENT STUDY**1-6 CREDITS**

PREREQUISITE: OPEN ONLY TO ADVANCED MAJORS IN BUSINESS ADMINISTRATION AND CONSENT OF INSTRUCTOR

Independent research under the guidance of a faculty member on an approved, specified topic or subject area. A written project is required.

BUS 490 INTERNSHIP IN BUSINESS ADMINISTRATION**1-6 CREDITS**

PREREQUISITE: OPEN ONLY TO SENIORS BY APPLICATION

Intensive field work experience in economics and business administration. Assignments in private, nonprofit and public institutions in areas such as manufacturing, retailing, finance, accounting, personnel or government services. Student should schedule a minimum of two full days per week.

BUS 492 DEPARTMENTAL INTERNSHIP**1-6 CREDITS**

PREREQUISITE: PERMISSION OF DEPARTMENT FACULTY

Opportunity for business majors to assist faculty in college-level business courses under the direct supervision of a business professor.

Major: Business Information Systems (BIS)*Alex Citurs, Coordinator***Objectives**

The Business Information Systems (BIS) major goes beyond the usual study of management information systems to emphasize E-business, enterprise resource planning and transaction processing, and using web technology. It focuses on an understanding of how information systems should be administered and how they can be used to improve the performance of an organization. It incorporates the fundamentals of organizational management, of

business, and of information technology. The principal theme of the major is the development of business and organizational strategies, and interpersonal communication structures that truly reflect the revolution in telecommunications. The underlying objective is to provide a basis for life-long learning in a diverse world of social and technological change.

The BIS program prepares students to go on to wide-ranging careers in business management as well as in specialized systems jobs. The BIS core, required of all students, includes a comprehensive set of basic business and information technology requirements. Beyond that, it includes the study of organizational behavior in the presence of the new technologies, business structures to take advantage of them, and a capstone seminar on information systems and business strategies.

Admission to the Program

Students may declare a major in BIS at any time and be assigned a BIS faculty advisor. Any student whose cumulative GPA falls below 2.5 for two consecutive semesters will be dismissed from the major.

Degree Requirements

To graduate with a Bachelor of Science in BIS a total of 51 credits are required in the major, consisting of 42 credits of common BIS core requirements, and nine credits of electives. A minimum of 24 semester hours of the BIS program must be completed in residence at Eastern.

Related Course Requirements: 9 credits

MAT 216	Statistical Data Analysis
or	
ECO 215	Statistics for Business and Economics
ECO 201	Principles of Microeconomics
CSC 110	Introduction to Computing and Problem Solving

Business Component: 18 credits

ACC 201	Principles of Accounting
BUS 201	Principles of Management
BUS 205	Information Management
BUS 225	Principles of Marketing
BUS 245	Business Finance
BUS 260	Operations Management

Systems Component: 24 credits

CSC 249	Visual BASIC
BIS 361	Business Information Systems and Web Technologies
BIS 370	Systems Analysis and Design
BIS 375	Electronic Commerce
BIS 377	Organizational Website and Database Management
BIS 430	Enterprise Resource Planning and E-Business
BIS 440	Business Data Communications and E-Networks
BIS 461	Seminar on Information Systems and Business Strategies

Advanced Electives (any 300-level or 400-level BIS courses): 9 credits
Recommended Course Sequence: Business Information Systems Major (B.S.)

First Year

ENG 100	LAC-TIW-College Writing	3
MAT ***	Math LAC-TIM	3
CSC 110	Introduction to Computing and Problem Solving	3
	Other LAC Requirements	21
	Total	30 credits

Second Year

ACC 201	Principles of Accounting I	3
BUS 201	Principles of Management	3
BUS 205	Information Management	3
BUS 225	Principles of Marketing	3
ECO 201	Principles of Microeconomics	3
MAT 216	Statistical Data Analysis	3
Or		
ECO 215	Statistics for Business and Economics	3
	Other LAC Requirements	10
	Electives	2
	Total	30 credits

Third Year

BIS 361	Business Information Systems and Web Technologies	3
BIS 370	Systems Analysis and Design	3
BIS 375	Electronic Commerce	3
BUS 245	Business Finance	3
BUS 260	Operations Management	3
CSC 249	Visual BASIC	3
BIS 377	Organizational Website and Database Management	4
	Electives	8
	Total	30 credits

Fourth Year

BIS 430	Enterprise Resource Planning and E-Business	3
BIS 440	Business Data Communications and E-Networks	3
BIS 461	Seminar on Information Systems and	
	Business Strategies	3
	Advanced Electives in the Major	9
	Other Electives	12
	Total	30 credits

Minor: Business Information Systems Management

Doncho I. Petkov, *Coordinator*

The Business Information Systems Management minor (BIS Management minor) focuses on how information systems are used to improve organizational performance and transform basic business structures appropriately. The minor is designed to develop and enhance skill sets needed for current or future careers across discipline fields and industries. The flexibility in this minor enables students to acquire information systems skills most relevant to their career paths, major programs of study or secondary areas of interest.

Upon completion of the minor, a student will be able to analyze, design, and manage information systems and associated processes in a wide variety of organizations. This minor provides students with valuable skills and knowledge in the management of information systems resources, which constitute up to a third of the total assets of businesses and organizations today. The minor requires 18 credits and is suitable for any Eastern student, including transfer and non-traditional students. At least four of the courses below should be taken at Eastern.

Required Courses:

I. Three core courses:

BUS 205	Information Management
BIS 361	Business Information Systems and Web Technologies
BIS 370	Systems Analysis and Design

II. One of the following courses: (Three credits)

ACC 201	Principles of Accounting
BUS 201	Principles of Management
BUS 225	Principles of Marketing
BUS 245	Business Finance
BUS 260	Operations Management

III. Two of the following courses: (Six credits)

BIS 364	Introduction to Social Informatics
BIS 365	Emerging Technologies and Business Applications
BIS 375	Electronic Commerce
BIS 377	Organizational Website and Database Management
BIS 430	Enterprise Resource Planning and E-Business
BIS 440	Business Data Communications and E-networks
BIS 442	Information Technology Project Management
BIS 462	Seminar in Healthcare Informatics
ACC 420	Accounting Information Technology and Business Solutions
BUS 445	Case Studies in Financial Management Using Electronic Spreadsheets
BUS 469	Seminar in Special Topics (E-business)

Minor: Social Informatics

Alex Citurs, *Coordinator*

The Social Informatics minor deals with the utilization, organization and control of information systems in society, in non-profit and non-business organizations. Its focus is on the

interdisciplinary study of the design, uses and consequences of information technologies that takes into account their interaction with institutional and cultural context. Through the elective course within the minor, students get an opportunity to deepen their understanding of using information technology in one of three important areas: sociology, environmental management or sustainable energy. A student will be able, upon completing the minor, to use information systems to collect and analyze data needed to enhance the productivity of medium and small organizations, governmental and nonprofit agencies. It requires 15 credits and is suitable for any Eastern student, including transfer and non-traditional students studying through the School of Continuing Education. At least four of the courses below should be taken at Eastern.

Required courses:

I. Three core courses, taken in the following sequence:

- | | |
|---------|------------------------------------|
| BUS 205 | Information Management |
| BIS 364 | Introduction to Social Informatics |
| BIS 370 | Systems Analysis and Design |

Plus two electives from the lists below:

II. One elective from these BIS courses: BIS 361, BIS 364, BIS 365 BIS 377, BIS 340, BIS 440 or BIS 462

III. One elective from the following list: SOC 200, SOC 325, SWK 311, SWK 312, EES 205, EES 320, PSC 205, PSC 305, HIS 318, HIS 200, PSY, 325, PSY 419, ENG 300, SLM 320, SLM 341, HPE 209, HPE 325, ECO 210, ECO 315, ECO 322, ECO 330, ECO 335, COM 300.

Courses of Instruction: Business Information Systems

BIS 361 BUSINESS INFORMATION SYSTEMS AND WEB TECHNOLOGIES 3 CREDITS

This course provides an overview of business information systems and related concepts in information technology. It includes transaction processing, enterprise resource planning, management information systems and electronic commerce. It describes the hardware, software, networks and telecommunications employed by these systems.

BIS 364 INTRODUCTION TO SOCIAL INFORMATICS 3 CREDITS PREREQUISITES: BUS 205

This course is designed to provide students with an understanding of the field of social informatics. Emphasis will be on developing a comprehensive ability to use technology and analyze the role of IT in a broader social context. It has a hands-on component in a computer laboratory as well.

BIS 365 EMERGING TECHNOLOGIES AND BUSINESS APPLICATIONS 3 CREDITS PREREQUISITE: BUS 205

Novel integrations of new technology innovations in a variety of business environments are radically impacting business information systems, organizations, careers, and lives around the globe. This course examines a number of new information technologies and focuses on developing skills necessary for serving on technology advisory or project committees and for evaluating and strategizing potential innovative business applications.

BIS 370 SYSTEMS ANALYSIS AND DESIGN

3 CREDITS

PREREQUISITE: BIS 361 OR EQUIVALENT

Provides basic techniques for systems design and development, focusing on the links between BIS systems and their users. Explores the roles of systems analysts and project managers, and the modeling and design tasks that they face. Includes implementation of application packages and enterprise resource planning.

BIS 375 ELECTRONIC COMMERCE

3 CREDITS

PREREQUISITE: BIS 361/BUS 361

This course provides a basic overview of electronic commerce uses of the world wide web with primary attention given to business uses of the Internet – both business-to-consumer (B2C) and business-to-business (B2B). The course focuses on three stages of business Internet presence and customer contact: Corporate presence, interactions and transactions highlighting common and unique aspects of both B2C and B2B contexts. Special emphasis is given to competitive market strategy implications of e-commerce integrating customer/client data and electronic business processes, which facilitate purchasing, selecting suppliers, ordering goods and services, customer relationship management, payment processing and supply-chain partnering.

BIS 377 ORGANIZATIONAL WEBSITE AND DATABASE MANAGEMENT

3 CREDITS

PREREQUISITE: BIS 370

An introductory integration of: 1) understanding database concepts, systems design and practical realities of creating and managing effective databases for businesses and other organizations and in 2) developing and managing database driven websites that meet the needs of modern businesses and community organizations in the Internet Age. Different types of file systems, database models and systems are examined. Students will have the opportunity to work with real community organizations in designing and developing systems.

BIS/ACC 420 ACCOUNTING INFORMATION TECHNOLOGY AND BUSINESS SOLUTIONS

3 CREDITS

PREREQUISITES: ACC 302 AND ACC 310

This course introduces the student to accounting information technology and business solutions. It also provides an overview of the concepts, objectives, and importance of properly designed systems. Students learn to design, create, update, query and maintain accounting databases. The hands-on portion of the course reinforces the lecture material with examples from real applications.

BIS 430 ENTERPRISE RESOURCE PLANNING AND E-BUSINESS

3 CREDITS

PREREQUISITE: BIS 370

An exploration of the strategic opportunities provided by electronic technologies for restructuring businesses and implementing enterprise resource planning, to improve productivity and performance in the marketplace.

BIS 440 BUSINESS DATA COMMUNICATIONS AND E-NETWORKS

3 CREDITS

PREREQUISITE: BIS 370

Presents the fundamental concepts of data communications, networking, distributed applications, network management and security in a way that relates specifically to the business environment and business management. Includes network structure and flow control.

BIS 442 (BUS 442) INFORMATION TECHNOLOGY PROJECT MANAGEMENT

3 CREDITS

PREREQUISITE: BIS 361 OR EQUIVALENT REQUIRED, BIS 370 RECOMMENDED

This course focuses on the management of information technology projects. The body of knowledge for project management, including terms, tools and techniques, will be covered as it applies specifically to information projects. The course will use case studies of successful and unsuccessful information technology projects to illustrate key factors that contribute to project success or failure.

BIS 461 SEMINAR ON INFORMATION SYSTEMS AND BUSINESS STRATEGIES

3 CREDITS

PREREQUISITE: BIS 370 AND SENIOR STANDING

Capstone course in business information systems, open only to seniors. Focuses on the entrepreneurial and administrative tasks of a general manager who must formulate and implement strategy for a new or established business. Involves strategies for developing or modifying a firm's business model in light of the capabilities of information systems and the remaking of markets and management processes.

BIS 462 SEMINAR IN HEALTH CARE INFORMATICS

3 CREDITS

PREREQUISITES: ANY LAC TIER II APPLIED INFORMATION TECHNOLOGY COURSE

This course is designed to provide students with an in-depth analysis of healthcare informatics. Emphasis will be on developing a comprehensive understanding of the use of information systems in health care. Topics covered include health care data, information and knowledge, health care classification and coding systems, decision analysis in health care, computer-based patient records, design and implementation issues related to health care systems, and ethical and legal principles in health care informatics. The focus is on applying information systems and health care concepts to real world problems in health care.

BIS 480 INDEPENDENT STUDY

3 CREDITS

PREREQUISITES: OPEN ONLY TO ADVANCED MAJORS IN BIS AND CONSENT OF INSTRUCTOR

Independent research under the guidance of a faculty member on an approved, specified topic or subject area. A written project is required.

BIS 490 INTERNSHIP IN BIS

3 CREDITS

PREREQUISITE: OPEN ONLY TO BIS SENIORS WITH GPA OF 2.5 OR BETTER

Intensive field work experience in Business Information Systems. Assignments in private, nonprofit and public institutions, involving supporting activities specifically focused on BIS development, implementation and management. Student should schedule the equivalent of at least one full day per week.

Minor: Management Information Systems (MIS)

The MIS minor has been closely integrated with the business major to provide business students with a readily obtainable and highly marketable extension of their skills to include knowledge of practical business systems. Refer to the description of the MIS minor within the computer science major (see page 111 in the Arts and Sciences section).

COMMUNICATION

Chairperson: *John J. Hale*

Professors: *Jaime S. Gomez, Terri Toles-Patkin*

Associate Professors: *Olugbenga Ayeni, Edmond Chibeau, John J. Hale, Khosrow Jahandarie, Denise Matthews, Andrew H. Utterback, John Zatowski*

Assistant Professors: *Mathew Sheridan, Warren Osterndorf*

Major: Communication (B.S.)

Objectives

The communication major is designed for students who wish to pursue careers in mass media, including television, radio, media writing, journalism, photography, advertising, and public relations, as well as for the students who wish to enter and succeed in high-quality graduate programs in communication or related fields. Required introductory and advanced courses in mass media theory and research and telecommunication policy give students a strong theoretical foundation which is complemented by the practical experience they gain through production classes and internships.

Admission to the Program

Students majoring in communication are required to register their intent with the department no later than the beginning of the sophomore year in order that an academically strong program may be developed for them. Students must have a cumulative GPA of 2.0 in all previous college work to become a communications major. Students are expected to be thoroughly prepared in the liberal arts and sciences as well as meet the specific requirements of the degree.

Retention in the Program

A communication major whose cumulative GPA in communication courses falls below 2.5 for two consecutive semesters will be dropped from the major.

Degree Requirements

All students majoring in Communication are required to take the following courses:

COM 100	Introduction to Mass Communication
COM 101	Interpersonal Communication
COM 300	Communication Law and Ethics
COM 350	Communication Writing
COM 400	Communications Research
COM 403	Mass Communication Theory
COM 490	Internship

or

COM 491	Internship
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Total **21-24 credits**

Communication majors must select 15 semester hours of courses from the following:

COM 115	Introduction to Video Editing
COM 120	Television Production I

COM 174	Resources, Research and Responsibilities
COM 210	Photography I
COM 215	Media Aesthetics
COM 220	Television Production II
COM 230	Basic Speech
COM 241	Intro Radio and Audio Production
COM 245	Digital/Analog Audio Production: Radio/Video/Internet
COM 260	Introduction to Public Relations
COM 270	Advertising Essentials
COM 301	Persuasion
COM 310	Digital Photography
COM 312	Professional Presentations
COM 320	Television Production III
COM 321	History of Communication
COM 325	Motion Graphics & Visual Effects for Film & Video
COM 330	Organizational Communication
COM 340	Broadcast Management
COM 351	Contemporary Print Journalism
COM 355	Radio and Television News Writing
COM 357	Scriptwriting
COM 358	Scriptwriting and Presentation
COM 361	Publication Design
COM 364	Public Relations Writing Methods
COM 372	International Advertising and Public Relations
COM 373	Advertising Copywriting
COM 420	Workshop in Television Directing
COM 425	Advanced Television Workshop: News
COM 430	Non-Linear Editing
COM 435	Documentary Production
COM 440	Workshop in Radio and Audio
COM 450	Advanced Journalism
COM 460	Special Topics in Communication
COM 464	Public Relations Crisis Management
COM 468	Public Relations Campaigns
COM 476	Advertising Media Planning
COM 478	Advertising Campaigns
Total	15 credits

The recommended course sequence for students planning to enter careers in Television is:

COM 120	Television Production I
COM 220	Television Production II

- COM 320 Television Production III
- COM 420 Television Directing

The recommended course sequence for students planning to enter careers in radio and audio production is:

- COM 241 Intro Radio and Audio Production
- COM 245 Digital Analog Audio Production: Radio/Video/Internet
- COM 340 Broadcast Management
- COM 440 Workshop in Radio and Audio

Students planning to enter careers concentrating on journalism should take this sequence of courses:

- COM 351 Contemporary Print Journalism
- COM 355 Radio and Television News Writing
- COM 361 Publication Design
- COM 450 Advanced Journalism

Students planning to enter careers concentrating on photography should take this sequence of courses:

- COM 210 Photography I
- COM 215 Media Aesthetics
- COM 310 Digital Photography
- COM 361 Publication Design

Students planning to enter careers concentrating on media writing should take this sequence of courses:

- COM 351 Contemporary Print Journalism
- COM 355 Radio and Television News Writing
- COM 357 Scriptwriting
- COM 373 Advertising Copywriting

Students planning to enter careers concentrating on advertising should take this sequence of courses:

- COM 270 Advertising Essentials
- COM 373 Advertising Copywriting
- COM 476 Advertising Media Planning
- COM 478 Advertising Campaigns

Students planning to enter careers concentrating on public relations should take this sequence of courses:

- COM 260 Introduction to Public Relations
- COM 364 Public Relations Writing Methods
- COM 464 Public Relations Crisis Management
- COM 468 Public Relations Campaigns

The total number of hours required for the major is 36. Additional courses within the major should be chosen by students in consultation with their advisors.

In addition, students must complete a minor. The minor is designed to enhance the general liberal arts background of the student and to complement the major. By their second year, students should select a minor in consultation with their advisor and with consideration of their goals.

Recommended Course Sequence: Communication Major (B.S.)

Check all course descriptions for prerequisites before planning course schedule.

First Year

ENG 100	College Writing	3
MAT ***	Math Course Beyond Algebra II	3
CSC 100	Computer Concepts	3
	General Education Requirements	12-15
COM 100	Introduction to Mass Communication	3
COM 101	Interpersonal Communication	3
	General Electives	0-3
	Total	30 credits

Second Year

	General Education Requirements	12-15
	Foreign Language	0-6
COM ***	Electives	6
	Minor	3
	General Electives	0-9
	Total	30 credits

Third Year

	General Education Requirements	4-7
COM 300	Communication Law and Ethics	3
COM 350	Communication Writing	3
COM ***	Elective	3
	Minor	6
	General Electives	8-11
	Total	30 credits

Fourth Year

	General Education Requirements	3-6
COM 400	Communications Research	3
COM 403	Mass Communication Theory	3
COM 490/491	Communication Internship	3-6
COM ***	Electives	6
	Minor	6
	General Electives	3-6
	Total	30 credits

Minor: Communication

The communication minor is offered for students who wish to enrich their major area with some general understanding of the total communication process. The minor is designed to provide students with an increased awareness of the impact of media technology, recognition effects and behaviors.

Fifteen semester hours of credit in the communication field are necessary to fulfill the requirements for a minor. In addition to the one required course (COM 100, Introduction to Mass Communication) students must select a concentration totaling six credits in one area and six elective credits from other areas within the communication field.

The following concentrations are available in the minor:

- Mass Communication
- Advertising
- Public Relations
- Radio
- Television
- Writing for Media
- Journalism
- Photography

Students interested in the minor should consult with their advisors regarding courses which meet the requirements of the various concentrations.

Courses of Instruction: Communication

COM 100 INTRODUCTION TO MASS COMMUNICATION 3 CREDITS

Introduces the history, structure, and technology of the mass communication industries and the relation of those industries to contemporary society, communication theory, the nature of the mass audience, and the concept of the information society.

COM 101 INTERPERSONAL COMMUNICATION 3 CREDITS

Course complements the introductory course to mass communication. The purpose is to focus the attention of the student on the most basic element of all communication: the human sender and receiver of messages.

COM 115 INTRODUCTION TO VIDEO EDITING 3 CREDITS

In introduction to the hardware, software, and fundamentals of the video editing process. Course emphasizes Windows and Mac OS video file management, basic editing procedures, and application specific practice.

COM 120 TELEVISION PRODUCTION I 3 CREDITS

An introduction to the fundamentals of studio television production. Course emphasizes multi-camera production techniques and procedures.

COM 174 RESOURCES, RESEARCH AND RESPONSIBILITIES 1 CREDIT

This class is designed to introduce students to academic skills, university resources, and student life and encourage them to be involved and responsible members of the university community.

COM 190 NEWSPAPER PRACTICUM**1 CREDIT**

PREREQUISITE: ENG 100

One semester of supervised work for the Campus Lantern. May be taken three times in different semesters.

COM 191 YEARBOOK PRACTICUM**1 CREDIT**

One semester of supervised work on the University yearbook. May be taken three times in different semesters.

COM 210 PHOTOGRAPHY I**4 CREDITS**

An introduction to the topic with a historical overview of discoveries leading to photographic technology; from the earliest to current digital imaging. This course is for an absolute beginner but is also information rich for students with experience. Lab demonstrations focus on learning the properties of light and exposure, comprehension of technical skills and visual perception using traditional darkroom techniques (wet chemistry). Digital photography and camera function is covered in lecture analogous to film camera/darkroom concepts. Composition theory and visual communication are emphasized. Digital lecture/labs include instruction for use of Live.edu ECSU student accounts to store and serve student ePortfolio content.

COM 215 MEDIA AESTHETICS**3 CREDITS**

The purpose of this course is to study and explore the aesthetic considerations and variables involved in the production of media content, especially television and film. These variables include light and color, two-dimensional space, three-dimensional space, time-motion, and sound. The systematic examination of these fundamental visual communication elements will provide the students with a set of valuable tools to increase the degree of effectiveness of their media messages. It will also give students a better understanding of how aesthetic manipulations in media production are accomplished and an idea of how they affect the audience.

COM 220 TELEVISION PRODUCTION II**3 CREDITS**

PREREQUISITE: COM 120

An introduction to the fundamentals of field video production. Course emphasizes single-camera “film style” production — from conception to finished product.

COM 230 BASIC SPEECH**3 CREDITS**

Original speeches; emphasis on rhetoric and audience psychology.

COM 241 INTRO RADIO AND AUDIO PRODUCTION**3 CREDITS**

Introduction to radio broadcasting in a rapidly changing media environment. The organization, programming and operation of a radio station is reviewed, including the impact of the Internet and computers. Students will explore the ongoing censorship, free speech and the social responsibilities of broadcasters as well as freedom of choice and new options for listeners.

**COM 245 DIGITAL/ANALOG AUDIO PRODUCTION: RADIO/VIDEO/
INTERNET****3 CREDITS**

Provides a hands-on studio workshop for planning and producing audio programming for distribution over a wide range of media platforms. Analog and digital technologies are explored and applied, including computer and Internet-based systems.

COM 260 INTRODUCTION TO PUBLIC RELATIONS **3 CREDITS**
This is a survey of the field of public relations, the practices, strategies for designing PR plans using problem solving skills. Students explore the theories that influence the practice of public relations and the relationships that exist between theory and practice of public relations.

COM 270 ADVERTISING ESSENTIALS **3 CREDITS**
This introductory course in advertising teaches the basic elements of advertising and other marketing communication tools. Students learn about print, broadcast, outdoor, and electronic media and the strategies employed in message creation about products and services.

COM 290 TELEVISION PRACTICUM **1 CREDIT**
PREREQUISITE: PERMISSION OF INSTRUCTOR
One semester of supervised experience with Eastern TV. May be taken three times in different semesters.

COM 291 RADIO PRACTICUM **1 CREDIT**
PREREQUISITE: COM 241
One semester of supervised experience with the University radio station. May be taken three times in different semesters.

COM 292 APPLIED COMMUNICATION PRACTICUM **3 CREDITS**
PREREQUISITE: PERMISSION OF INSTRUCTOR
One semester of supervised experience in executing special projects and/or events in communication. May be taken 3 times in different semesters.

COM 300 COMMUNICATION LAW AND ETHICS **3 CREDITS**
PREREQUISITE: COM 100
Examines contemporary issues relating to the First Amendment, including censorship, incitement, libel, copyright and privacy laws. Legal and ethics dimensions of policy decisions are emphasized.

COM 301 PERSUASION **3 CREDITS**
This course explores the fundamental elements of the process of persuasion, both via interpersonal communication and through the mass media. Case studies of coercive persuasion, advertising, political persuasion and the communication of cultural ideology are discussed.

COM 310 DIGITAL PHOTOGRAPHY **4 CREDITS**
PREREQUISITE: COM 210
Prerequisite waived for graduating seniors or by instructor based on student interview.

Focus is on venues for publication in mass media communication including photojournalism and marketing.. Camera fundamentals, concepts of exposure and camera operation are reviewed. Lecture/lab topics include image protocols and techniques for photo display and editing with CS4. Retouching techniques and photomontage are introduced along with ethical issues regarding image manipulation and the ownership protections of copyright laws. Students compile digital portfolios of their lab work for display in Powerpoint and a web portfolio. Labs include instruction for use of Live.edu ECSU student accounts to store and serve student ePortfolio content.

COM 312 PROFESSIONAL PRESENTATIONS **3 CREDITS**
A course in the fundamentals of presentation graphics designed to provide a foundation in the computer graphics needed to create individual and group presentations.

COM 320 TELEVISION PRODUCTION III**3 CREDITS**

PREREQUISITES: COM 120 AND COM 220

Advanced television production. Course emphasizes both field and studio television production, techniques, and procedures. Course is project based.

COM 321 HISTORY OF COMMUNICATION**3 CREDITS**

PREREQUISITE: COM 100

This course looks at the development of American newspapers, magazines, radio, television, and Internet with an emphasis on cultural, technological, and economic considerations.

COM 325 MOTION GRAPHICS & VISUAL EFFECTS FOR FILM & VIDEO**3 CREDITS**

An in-depth study of visual effect and motion graphics in film and video. Students will explore the creation of visual effects utilizing industry's standard software such as Apple's Motion, Adobe After Effects and Avid's 3-D. All of these are used in professional video production houses.

COM 330 ORGANIZATIONAL COMMUNICATION**3 CREDITS**

An investigation through theory and practice of formal and informal communication in a variety of organizational settings.

COM 340 BROADCAST MANAGEMENT**3 CREDITS**

An advanced course for students with radio or television experience who may wish to enter broadcast management as a career.

COM 350 COMMUNICATION WRITING**3 CREDITS**

FULFILLS WRITING-INTENSIVE REQUIREMENT FOR COM MAJORS. PREREQUISITE: ENG 100

Survey of various styles of writing commonly found in the communication field. Course will include practice in print journalism, electronic journalism, public relations, scripts, and research writing.

COM 351 CONTEMPORARY PRINT JOURNALISM**3 CREDITS**

PREREQUISITE: COM 350

Current practices in newspaper and news magazine publishing including reporting, editing, style sheets and legal considerations. Economic aspects of publishing such as advertising, circulation, and the impact of telecommunication.

COM 355 RADIO AND TELEVISION NEWS WRITING**3 CREDITS**

PREREQUISITE: COM 350

Students transpose wire service language to language designed for mass communication media. Students work effectively in the tight frame imposed by commercial broadcasting.

COM 357 SCRIPTWRITING**3 CREDITS**

This course uses a multidisciplinary approach to writing for performance. It examines the essential elements of scriptwriting for radio, television, film, Internet, stage, performance art, and other venues.

COM 358 SCRIPTWRITING AND PRESENTATION**3 CREDITS**

This course focuses on the practical aspects of writing and presenting media scripts and on techniques, structures, and disciplines required to complete performance scripts.

COM 361 PUBLICATION DESIGN**3 CREDITS**

This course is designed to provide basic instruction and practice in the fundamentals of graphics in mass communication. Students will be introduced to the processes of preparing and printing verbal and visual materials.

COM 364 PUBLIC RELATIONS WRITING METHODS**3 CREDITS**

PREREQUISITE: COM 260

This course examines the various forms of writing for public relations such as press releases, public service announcements, media alerts, interviews, video news release, and newsletters. This hands-on class requires student to keep finished writing samples in a presentable portfolio.

COM 372 INTERNATIONAL ADVERTISING AND PUBLIC RELATIONS

PREREQUISITE: COM 260

3 CREDITS

The course focuses on the basic principles of international advertising in our global economy. Students learn about the various factors that drive advertising in international markets by understanding the advertising strategies, consumer demographic and psychographic profiles, cultural nuances, and the techniques employed by major global agencies to capture world markets.

COM 373 ADVERTISING COPYWRITING**3 CREDITS**

PREREQUISITE: COM 260

This course is designed to teach students how to create and evaluate effective advertising copy, apply marketing and advertising objectives, translate features into benefits, and write from the consumer's point of view.

COM 400 COMMUNICATIONS RESEARCH**3 CREDITS**

Designed for students of senior standing. Deals with analytic as well as descriptive research in the field of communication.

COM 403 MASS COMMUNICATION THEORY**3 CREDITS**

PREREQUISITE: COM 100

An advanced course that deals with different scientific theories about the mass communication process, and whether or not they are supported by the findings of communication research.

COM 420 TELEVISION DIRECTING**3 CREDITS**

PREREQUISITES: COM 120 AND COM 220

An advanced course applying principles and practices learned in earlier courses. Selected programs will be written and produced including topics of community interest for distribution over the community access television channel.

COM 425 ADVANCED TELEVISION WORKSHOP: NEWS**3 CREDITS**

PREREQUISITES: COM 320 AND COM 355 (CONCURRENTLY) OR INSTRUCTOR'S APPROVAL

A course designed to acquaint students with the various aspects involved in the production of television news broadcasts. The workshop will familiarize students with the management of a newscast in the studio and the technique of Electronic News Gathering (ENG).

COM 430 NON-LINEAR EDITING**3 CREDITS**

PREREQUISITES: COM 320

This course emphasizes advanced postproduction techniques used for non-linear editing. Students will learn how to digitize footage, trim sequences, edit audio, add effects, and create titles. Students practice with different styles of footage such as film, news, and advertising.

COM 435 DOCUMENTARY PRODUCTION**3 CREDITS**

PREREQUISITES: COM 120 OR PERMISSION OF INSTRUCTOR

This course will provide instruction and experience in aesthetics, story telling, and technical aspects of digital video field production and post production in the process of making a video documentary. A basic understanding on the genre and its history will be gained by viewing and analyzing key documentary works. Students will produce broadcast quality documentaries to be aired on the ECTV Channel.

COM 440 WORKSHOP IN RADIO AND AUDIO**3 CREDITS**

PREREQUISITE: COM 241

An advanced course applying principles and practices learned in earlier courses. Selected programs will be written and produced for use by the University radio station or for extended distribution outside the University.

COM 450 ADVANCED JOURNALISM**3 CREDITS**

PREREQUISITE: COM 351

An advanced course applying principles and practices learned in earlier courses. Students assume various roles found on newspapers to gain an understanding of how the editorial side of the contemporary newspaper functions.

COM 460 SPECIAL TOPICS IN COMMUNICATION**3 CREDITS**

Seminar in specialized topics in communication for advanced students.

COM 464 PUBLIC RELATIONS CRISIS MANAGEMENT**3 CREDITS**

Students learn to identify and prepare responses, under a public relations perspective, for the different types of crises that an organization can face. In applied case study analysis, students assess their ethical perspectives and develop organizational responses to crisis management.

COM 468: PUBLIC RELATIONS CAMPAIGNS**3 CREDITS**

PREREQUISITES: COM 360, COM 361, COM 364

This course prepares students for the real world of public relations. Students explore and develop a variety of types of public relations campaigns. They learn to plan, implement, and manage special events incorporating the public relations process including research, organization, programming, and evaluation. Students focus on developing public relations strategies and the evaluation of campaign outcomes.

COM 476 ADVERTISING MEDIA PLANNING**3 CREDITS**

PREREQUISITE: COM 370

The course prepares students for the important task of selecting and buying media for advertising purposes. Students learn various media selection methods, budget, and criteria for media selection.

COM 478 ADVERTISING CAMPAIGNS

3 CREDITS

PREREQUISITES: COM 370, COM 372, COM 373, COM 476

This class serves as the capstone class for the integrated marketing communications track. Students learn real-life skills that are needed to design, implement and manage advertising campaigns for selected local business clients around campus.

COM 480 INDEPENDENT STUDY

3-9 CREDITS

COM 490 INTERNSHIP

3 CREDITS

COM 491 INTERNSHIP

6 CREDITS

ECONOMICS

Chairperson: *Prem S. Mann*

Assistant Chairperson: *Maryanne T. Clifford*

Professors: *Prem S. Mann, Dimitrios Pachis*

Associate Professor: *Maryanne T. Clifford*

Assistant Professor: *Jennifer L. Brown*

Major: Economics (B.A.)

Objectives

The goal of the Economics program at Eastern is to graduate students who understand the impact of economic issues on business, society, and government affairs. The program emphasizes the study of economics from a cross-disciplinary perspective and the development of analytical, communication, and quantitative skills. Cross-disciplinary training makes Eastern Economics graduates distinctive — they have the skills and knowledge to use economic analysis effectively in the environments they are likely to work in after graduation. Recent Economics graduates from Eastern hold positions in financial institutions, government and social agencies, consulting firms, and corporations.

In addition to preparing students for a wide variety of jobs after graduation, economics is an excellent major for students who plan to pursue graduate studies in law, public policy, or economics. Eastern's economics program, because of its cross-disciplinary nature, is a particularly appropriate major for students who intend to pursue Teacher Certification.

Economics majors are expected to organize their courses in one of the four applied areas — business economics, general economics, mathematical economics, or political economy — depending on their career goals and interests. In each area they will take a combination of courses in Economics and other disciplines, and undertake learning experiences outside the classroom that will prepare them to complete a major project as part of the Senior Seminar and to make immediate contributions in their post-graduation employment.

Degree requirements

The economics major requires 36 credits. Requirements vary, depending on the area of study.

Areas of Study

I. Business Economics (36 Credits)

This program serves the interests of those students who seek immediate career opportunities in business. By combining course work from economics and business/accounting with an optional internship or co-op in a business in the U.S. or overseas, business economics students are prepared to enter jobs in finance, marketing or general administration.

Required Economic Courses

ECO 200	Principles of Macroeconomics
ECO 201	Principles of Microeconomics
ECO 215	Statistics for Business and Economics
ECO 301	Intermediate Microeconomic Analysis
ECO 302	Intermediate Macroeconomic Analysis

ECO 315	Government and Business
ECO 375	Quantitative Methods for Business and Economics
ECO 479	Senior Economics Seminar

An additional required course to be chosen from the following options:

ECO 300	Mathematics for Economics
ECO 305	Introduction to Econometrics
ECO 322	Environmental Economics
ECO 325	Money and Banking
ECO 330	Labor Economics
ECO 340	Business Cycles and Forecasting
ECO 350	International Economics

Business/Accounting Courses

An additional nine credits (three courses) from business and/or accounting courses excluding ACC 480, ACC 490, ACC 492, BUS 480, BUS 490, and BUS 492.

II. General Economics (36 Credits)

This program provides a balance of economics courses with an emphasis on international economics and issues. With appropriate faculty advisement, students are well prepared to pursue graduate studies in economics, business, and law or immediate career opportunities with business and government agencies.

Required Courses

ECO 200	Principles of Macroeconomics
ECO 201	Principles of Microeconomics
ECO 215	Statistics for Business and Economics
ECO 300	Mathematics for Economics
ECO 301	Intermediate Microeconomic Analysis
ECO 302	Intermediate Macroeconomic Analysis
ECO 479	Senior Economics Seminar

Electives

An additional 15 credits (5 courses) from economics courses listed below:

ECO 305	Introduction to Econometrics
ECO 310	Contemporary Economic Problems and Issues
ECO 315	Government and Business
ECO 320	Developing Economies
ECO 322	Environmental Economics
ECO 325	Money and Banking
ECO 329	Political Economy of Labor Relations
ECO 330	Labor Economics
ECO 335	Urban and Regional Economics
ECO 340	Business Cycles and Forecasting

ECO 345	Industrial Organization and Development
ECO 350	International Economics
ECO 353	International Monetary Economics
ECO 355	International Political Economy
ECO 360	Comparative Economic Systems
ECO 370	History of Economic Thought
ECO 375	Quantitative Methods for Bus and Eco
ECO 377	Public Finance
ECO 465	Special Topics in Economics

III. Mathematical Economics (36 Credits)

This program is recommended for those students who intend to pursue graduate studies in Economics. It emphasizes quantitative skill preparation and application of mathematics and statistical analysis to policy.

Required Courses

ECO 200	Principles of Macroeconomics
ECO 201	Principles of Microeconomics
ECO 215	Statistics for Business and Economics
ECO 300	Mathematics for Economics
ECO 301	Intermediate Microeconomic Analysis
ECO 302	Intermediate Macroeconomic Analysis
ECO 305	Introduction to Econometrics
ECO 375	Quantitative Methods for Bus and Eco
ECO 479	Senior Economics Seminar

Electives

Economics

One economics course (three credits) beyond the required courses, excluding ECO 480, ECO 490, ECO 492.

Mathematics

A total of two courses (six credits) from the following mathematics courses:

MAT 243	Calculus I with Technology
MAT 244	Calculus II with Technology
MAT 315	Applied Probability and Statistics
MAT 340	Calculus III
MAT 341	Differential Equations

IV. Political Economy (36 Credits)

The political economy specialization is suitable for students who are interested in pursuing a career in government, social services, education, or law, and for those interested in getting a broad education in the social sciences. Political Economy emphasizes the interaction between history, social and cultural factors, and economics, so students in this area take non-technical courses from several disciplines.

Required Courses

ECO 200	Principles of Macroeconomics
ECO 201	Principles of Microeconomics
ECO 215	Statistics for Business and Economics
ECO 479	Senior Economics Seminar

Electives

A total of 24 credits (eight courses) from the following groups are required, including at least nine credits (three courses) from economics. No more than six credits (two courses) from any other single discipline can be used. Approval of alternate courses may be obtained from an Economics Department faculty member.

Economics

Any courses except ECO 480, ECO 490, and ECO 492

Sociology

SWK 325	Social Welfare Policy
SOC 250	Social Inequality
SOC 355	Latin America: Structure, Change and Development

History

HIS 205	European History 1815-1914
HIS 250	History of New England
HIS 272	News and Views
HIS 313	The Gilded Age to World War I
HIS 315	The United States Between the Wars
HIS 316	The United States After World War II
HIS 320	Connecticut History
HIS 375	History of Japan

Political Science

PSC 305	Comparative Public Administration
PSC 345	Electoral Politics
PSC 350	Public Policy and Decision-Making

New England Studies

NES 250	History of New England
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Anthropology

ANT 337	Urban Anthropology
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Canadian Studies/Business

BUS 370	Business Perspectives Canada/U.S.
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Recommended Course Sequence: Economics Major (B.A.)

Check all course descriptions for prerequisites before planning course schedule.

First Year

ENG 100	College Writing	3
MAT 1XX	Math Course above 101	3
	LAC Requirements	15-18
ECO 200	Principles of Macroeconomics	3
ECO 201	Principles of Microeconomics	3
	Electives	3-6
	Total	30 credits

Second Year

	LAC Requirements	9-12
	Foreign Language	0-6
ECO 215	Statistics for Business and Economics	3
ECO 300	Mathematics for Economics	3
ECO 301	Intermediate Microeconomic Analysis	3
	Minor	0-3
	Electives	3-9
	Total	30 credits

Third Year

	LAC Requirements	4-7
ECO 302	Intermediate Macroeconomic Analysis	3
ECO 3**/4**	Economics Elective	3
ECO 3**/4**	Economics Elective	3
ECO/3**/4**	Economics/Business Elective	3
BUS		
	Minor	0-6
	Electives	5-14
	Total	30 credits

Fourth Year

	LAC Requirements	3-6
ECO 479	Senior Economics Seminar	3
ECO 490	Internship	0-6
ECO/3**/4**	Economics/Business Elective	3
BUS		
ECO/3**/4**	Economics/Business Elective	3
BUS		
	Minor	0-6
	Electives	12-15
	Total	30 credits

Writing Intensive Courses

The departmental writing-intensive course requirement can be fulfilled by taking ECO 479.

Minor: Economics

ECO 200 and 201 plus four elective courses in economics (excluding ECO 215, ECO 480, ECO 490, ECO 492). A minimum of 12 credits of the minor must be completed at Eastern.

Honors Society for Economics

Each year selected students are honored for distinguished academic achievement by membership in the Zeta Chapter of Omicron Delta Epsilon, the international honor society for economics.

Courses of Instruction: Economics

ECO 100 POLITICAL ECONOMY OF SOCIAL ISSUES **3 CREDITS**

NOTE: CANNOT BE USED FOR THE ECONOMICS MAJOR.

This course emphasizes the impact of historical context, social and cultural factors, and institutions on economic outcomes. In this course students use the political economy approach to analyze economic and social issues such as gambling in Connecticut, collective bargaining in baseball, building market economies in Eastern Europe, and environmental protection.

ECO 105 GLOBAL ECONOMICS **3 CREDITS**

This course will provide an introduction to the global economic issues we encounter in our everyday lives and will explain them in relation to economics by providing an in-depth introduction to international economics for students without prior knowledge of economics. This course will introduce students to global economics by focusing on global issues and their political economy context by examining the impact of historical context, social and cultural factors, and institutions on global economic outcomes.

ECO 110 EARLY AMERICAN ECONOMY **3 CREDITS**

NOTE: CANNOT BE USED FOR THE ECONOMICS MAJOR

This course emphasizes the evolution of the United States in terms of its economy and the impact of the past on each of us as well as on the world around us by examining the economic growth and development of the United States. Starting with the colonial period and the founding of the nation and ending with the Civil War rebuilding, this course provides an economic reading of the events as we examine the conflicts and resolutions in terms of our economy. Emphasis is placed on historical events from an economic perspective. Topics will include the founding and growth of colonial economy, international trade, and the growth of industry.

ECO 115 MODERN AMERICAN ECONOMY **3 CREDITS**

NOTE: CANNOT BE USED FOR THE ECONOMICS MAJOR

This course emphasizes the history of the United States in terms of its economy and the Impact of the past on each of us as well as on the world around us by examining the economic growth, development and rapid technological change occurring in the United States. Starting with the post Civil War period and going to the present day, this course provides an economic reading of the events as we examine the conflicts and resolutions in terms of our economy. Emphasis is placed on understanding historical events from an economic perspective. Topics will include growth of American economy in the post Civil War era, the Great Depression,

the gold standard and the emergence of the modern banking system, the growth of industry, the industrialization of production, the robber barons and antitrust regulation, employment, then environment, and governmental regulations.

ECO 200 PRINCIPLES OF MACROECONOMICS 3 CREDITS

Study of the principles of economics designed to acquaint the student with the organization and functioning of the American economic system. Discussion of money and banking, national income, public finance, and an analysis of income determination, and the use of monetary and fiscal measures of stabilizing the economy.

ECO 201 PRINCIPLES OF MICROECONOMICS 3 CREDITS

Study of individuals, firms, and economic decision-makers, the social institutions that influence choice, and introduces the economic way of thinking. Course emphasizes the use of microeconomic theory to analyze its role and application in our daily lives including current issues such as the distribution of income, labor issues, international trade, the role of government, welfare economics, and the environment.

ECO 210 ECONOMICS AND THE ENVIRONMENT 3 CREDITS

NOTE: CANNOT BE USED FOR THE ECONOMICS MAJOR

This course examines how economic analysis can be used to understand the sources of environmental problems and possible solutions. Emphasis placed on basic economic tools and their application to social issues and policy such as pollution, recycling, energy, and sustainable development.

ECO 215 STATISTICS FOR BUSINESS AND ECONOMICS 3 CREDITS

Essential methods of statistical analysis will be discussed in this class. These topics include descriptive statistics, probability, probability distributions, sampling techniques and sampling distributions, inference-making, correlation, and regression. The emphasis will be given on the use of technology (such as MINITAB), real world applications, and analysis and interpretation of real data sets. Students will be required to collect their own data and conduct statistical analysis on those data.

ECO 300 MATHEMATICS FOR ECONOMICS 3 CREDITS

PREREQUISITES: ECO 200 AND ECO 201

An introduction to matrix algebra and calculus, with applications to economic models, including static (equilibrium) analysis, comparative static analysis and optimization.

ECO 301 INTERMEDIATE MICROECONOMIC ANALYSIS 3 CREDITS

PREREQUISITES: ECO 200 AND ECO 201

Study of the market behavior of resource owners, producers and consumers within the private enterprise system. Theories of demand, supply and production, market models, the pricing of factors, welfare economics and general equilibrium are covered.

ECO 302 INTERMEDIATE MACROECONOMIC ANALYSIS 3 CREDITS

PREREQUISITES: ECO 200 AND ECO 201

Detailed study of aggregate economic activity and its control. National income accounting, income determination, consumption, investment, economic growth and fluctuations, inflation, and stabilization policy.

ECO 305 INTRODUCTION TO ECONOMETRICS**3 CREDITS**

PREREQUISITES: ECO 200, ECO 201, ECO 215, AND ECO 300

An introduction to the statistical methods used to test and measure relationships specified in economic models. Applications in business included.

ECO 310 CONTEMPORARY ECONOMIC PROBLEMS AND ISSUES

PREREQUISITES: ECO 200 AND ECO 201

3 CREDITS

In-depth but nontechnical examination of some of the economic problems and issues of the day. Minimum of any four topics will be selected for discussion on the basis of student interest. Suggested topics include: the farm problem, unemployment, inequality and poverty, guaranteed annual income, population growth and economic well being, inflation, the national debt, big business and monopoly control.

ECO 315 GOVERNMENT AND BUSINESS**3 CREDITS**

PREREQUISITE: ECO 201 OR PERMISSION OF INSTRUCTOR

An examination of the various regulatory constraints imposed by government intervention and analysis of their impact upon the structural characteristics and market performance of the American economy.

ECO 320 THE DEVELOPING ECONOMIES**3 CREDITS**

PREREQUISITES: ECO 200 AND ECO 201

A survey of theoretical and practical development economics covering both external and internal aspects. Analysis of the current changes in the LDC's, the agents of change, and problems of the processes of change; focus on the leading issues of economics of change.

ECO 322 ENVIRONMENTAL ECONOMICS**3 CREDITS**

PREREQUISITE: ECO 201

Economic analysis applied to the environment with emphasis on the costs and benefits of regulation. Current theories and policies concerning the environment and environmental legislation, their relation to the economy will also be covered.

ECO 325 MONEY AND BANKING**3 CREDITS**

PREREQUISITES: ECO 200 AND ECO 201

Examination of the monetary and banking system and its relation to the general economic system. The nature and functions of money, analysis of the operation of the commercial banking system, the role of the Federal Reserve System, and monetary policy are emphasized.

ECO 329 POLITICAL ECONOMY OF LABOR RELATIONS**3 CREDITS**

A study of the political, economic and cultural context of work. Specific topics include the impact of technology, public policy, immigration, and forms of capital ownership on the nature of work and workers, the historical development and current role of labor unions, and the role of women in labor markets.

ECO 330 LABOR ECONOMICS**3 CREDITS**

PREREQUISITES: ECO 200 AND ECO 201

An introductory course in labor economics. A study of wage determination theories and an examination of recent empirical findings related to the impact of race, sex, education, unions, training, etc. on earned income.

ECO 331 ECONOMICS OF SPORTS**3 CREDITS**

PREREQUISITES: ECO 201

This course applies economic theory to analysis of professional and amateur sports industries in the United States, industries that combine to produce over \$212 billion of output each year. Theories related to industrial organization, public finance, and labor economics are used to analyze issues such as player salaries, public subsidies of sports stadiums, economic and competitive performance of franchises, discrimination in sports, and the economics of college sports. This course will provide an introduction to the Economics of Sports by focusing on how economic theory is relevant to sports.

ECO 335 URBAN AND REGIONAL ECONOMICS**3 CREDITS**

PREREQUISITES: ECO 200 AND ECO 201

Economic analysis applied to urban and regional problems of redevelopment with emphasis on analysis and techniques relevant to changing urban form and function, regional public finance, housing and renewal, poverty and race, transportation, and environmental problems.

ECO 340 BUSINESS CYCLES AND FORECASTING**3 CREDITS**

PREREQUISITES: ECO 200, ECO 201, AND ECO 215

Examination of major theories regarding the causes and effects of various types of fluctuations in the level of economic activity of advanced market economies. Study of the U.S. record of economic fluctuations and growth, the techniques used to forecast business cycles, and the public policies for stabilizing economic activity.

ECO 345 INDUSTRIAL ORGANIZATION AND DEVELOPMENT **3 CREDITS**

PREREQUISITES: ECO 200 AND ECO 201

The role of industry in economic development. The structure and behavior of industries of an economy. The choice of industry, the choice of technique, MNC's and transfer of technology. Allocation of investment criteria, industrialization strategy.

ECO 350 INTERNATIONAL ECONOMICS**3 CREDITS**

PREREQUISITES: ECO 200 AND ECO 201

Analysis of theory and practice in international trade relationships. Pure theory of trade; extensions, modifications, and applications of trade model. Theory and effects of tariff and other trade barriers. Economics of integration. Monetary theory of trade; balance of payments and exchange rate systems. International monetary system; trade, developing countries, multinational corporations, and other topics.

ECO 353 INTERNATIONAL MONETARY ECONOMICS**3 CREDITS**

PREREQUISITES: ECO 200 AND ECO 201

Economic analysis applied to international markets with emphasis on financial markets. Current theories and policies concerning balance of payments, capital flows, foreign exchange rates, and their relation to the economy.

ECO 355 INTERNATIONAL POLITICAL ECONOMY**3 CREDITS**

PREREQUISITES: ECO 200 AND ECO 201; OR PERMISSION OF INSTRUCTOR

International relations examined from the political economy perspective, a systematic study of the relationship between economic and political behavior. Alternative approaches used to discuss various issues of international politico-economic relations: the role of the multinational corporations, international technology transfer, oil and the OPEC, politics of

commercial policy, international monetary order, less developed economies and the New International Economic Order, etc.

ECO 360 COMPARATIVE ECONOMIC SYSTEMS

3 CREDITS

PREREQUISITES: ECO 200 AND ECO 201

An investigation of the alternative ways of organizing the economic life: capitalism, socialism, and their major variants. Discusses methods and concepts and analyzes the operation and performance of the economic systems, both theoretically and empirically. Various aspects, apart from the purely economic, to be emphasized.

ECO 370 HISTORY OF ECONOMIC THOUGHT

3 CREDITS

PREREQUISITES: ECO 200 AND ECO 201

Development of economic ideas examined as an evolutionary process influenced by external social and intellectual movements. Implications of the evolution of economic thought are evaluated in the light of its impact on historical development.

ECO 375 QUANTITATIVE METHODS FOR BUSINESS AND ECONOMICS

3 CREDITS

PREREQUISITE: ECO 215

The basic concepts of management science in relation to decision making and optimization, integrating theory with management and economic applications and the use of microcomputers. Topics to be discussed include linear programming, distribution models, network models, inventory models, waiting lines, Markov chains, game theory and decision theory.

ECO 377 PUBLIC FINANCE

3 CREDITS

PREREQUISITES: ECO 200 AND ECO 201

Examination of taxation and public spending with emphasis upon the allocative effects of taxes, the nature of government fiscal policy, and the nature and problems of debt management.

ECO 465 SPECIAL TOPICS IN ECONOMICS

3 CREDITS

PREREQUISITE: PERMISSION OF INSTRUCTOR

Examination of a topic related to politics or political economy that is not the focus of an existing economics course. May be repeated with a different topic and approval of the department chairperson. May be applied to any track in the economics major with the permission of the department chairperson.

ECO 479 SENIOR ECONOMICS SEMINAR

3 CREDITS

PREREQUISITE: OPEN TO SENIORS OR PERMISSION OF INSTRUCTOR

A capstone course open only to seniors majoring in Economics. Application of theoretical knowledge and quantitative tools to various substantive economic problems and current issues, such as the problems of poverty, trade policy, health care system, women at work, development and environment, foreign investment in the U.S.A. etc. Selected theme(s) or topic(s) will be exhaustively investigated for theoretical and policy implications.

ECO 480 INDEPENDENT STUDY

3 CREDITS

PREREQUISITES: OPEN ONLY TO ADVANCED MAJORS IN ECONOMICS AND CONSENT OF INSTRUCTOR REQUIRED

Independent research under the guidance of a faculty member on an approved, specified topic. A written project is required.

ECO 490 INTERNSHIP IN ECONOMICS**6 CREDITS**

PREREQUISITE: OPEN ONLY TO SENIORS BY APPLICATION

NOTE: MAY NOT BE APPLIED TO ECONOMICS MAJOR.

Intensive field work experience in economics and business administration. Assignments in private, nonprofit and public institutions in areas such as manufacturing, retailing, finance, accounting, personnel or government services. Students should schedule a minimum of two full days per week.

ECO 492 DEPARTMENTAL INTERNSHIP**3 CREDITS**

PREREQUISITE: CONSENT OF DEPARTMENT FACULTY

Opportunity for economics majors to teach college-level economics under the direct supervision of an economics professor.

EDUCATION

Chairperson: *Hari P. Koirala*

Associate Chair: *Sudha Swaminathan*

Professors: *Ann M. Gruenberg, Hari P. Koirala, Richard J. Reynolds, Leslie Perfect Ricklin, David L. Stoloff, Sudha Swaminathan, Jeffrey Trawick-Smith*

Associate Professors: *Theresa Bouley, Jeanelle Day, Susannah Richards, Delar K. Singh, Catherine Tannahill*

Assistant Professors: *Ann Anderberg, Xing Liu, Helen Marx, Brandon Monroe, Maureen Ruby*

Department information also appears at <http://www.easternct.edu/education>

Eastern Connecticut State University is accredited by the National Council for Accreditation of Teacher Education (NCATE).

The Conceptual Framework of the Education Unit

(This document is also found at <http://www.easternct.edu/depts/EasternConceptualFramework2008.pdf>)

The Education Unit's Conceptual Framework is aligned with the Connecticut Common Core of Teaching (CCCT) Standards, the Interstate New Teacher Assessment and Support Consortium (INTASC) Principles, the National Board for Professional Teaching Standards (NBPTS) Propositions and the National Council for Accreditation of Teacher Education (NCATE) Standards.

Performance expectations for candidate, including a description of their alignment with the expectations in professional, state, and institutional standards include:

1: Content Knowledge (CNK)

- 1.1 Candidates/Graduates demonstrate in-depth understanding of content knowledge including central concepts, principles, skills, tools of inquiry, and structure of the discipline(s) by engaging students through meaningful questions and learning experiences.

2: Pedagogical Knowledge (PDK)

- 2.1 Candidates/graduates are able to formulate developmentally appropriate learning goals and objectives for students based upon knowledge of subject matter, students, the community, curriculum goals (both state and national), and theories of human development, and to plan and implement instructional activities which foster individual and collective inquiry, critical thinking, and problem solving to facilitate learning for all students in a safe and nurturing environment.
- 2.2 Candidates/graduates use methods, activities, and grouping arrangements appropriate for lesson goals and objectives in an environment that is conducive to learning.
- 2.3 Candidates/graduates conduct learning activities in a logical sequence and respond to the developmental needs, interests, ability and background of students to promote their development of critical thinking, independent problem-solving, and collaborative inquiry.

- 2.4 Candidates/graduates use multiple forms of assessment to evaluate student learning and modify instruction as appropriate to ensure the continuous intellectual, social, ethical, and physical development of the learner.

3: Integration of Knowledge (INT)

- 3.1 Candidates/graduates demonstrate how different concepts, themes, and principles are interconnected within and across the discipline(s) and promote connections between content knowledge and pedagogical knowledge to help students learn concept, principles, skills, tools of inquiry, and structure of the discipline(s) they teach.
- 3.2 Candidates/graduates demonstrate the ability to integrate learning theories and other pedagogical knowledge in their clinical experiences and student teaching.

4: Technology as a Tool to Teach (TTT)

- 4.1 Candidates/graduates integrate appropriate digital and non-digital technology throughout their courses and clinical experiences to support student learning.

5: Diversity (DIV)

- 5.1 Candidates/graduates demonstrate their ability to support the diverse needs to students in terms of exceptionalities, race, ethnicity, gender, culture, and socioeconomic status.

6: Professionalism (PRF)

- 6.1 Candidates/graduates collaborate with cooperating teachers, other teachers, school administrators and other school professionals, parents, families, and communities in a professional and ethical manner to help students reach their maximum potential.

Admission to the Program

All Education teacher candidates must be formally admitted to the Teacher Education Program. Students may not enroll in professional preparation courses until after admission to the program.

The Department of Education has established a committee of faculty members, the Committee on Admission and Retention in Education (CARE), which is responsible for this admission process. This committee also monitors student progress after admission.

Students interested in teacher preparation programs must apply to CARE at least one semester prior to enrolling in professional preparation courses. Undergraduate early childhood education and physical education teacher candidates and graduate teacher candidates may begin professional preparation in both fall and spring semester and should submit application materials by October 1 to be admitted to professional preparation courses in spring semester and by February 15 to be admitted to courses for fall semester. Undergraduate elementary and secondary teacher candidates may begin professional preparation courses in spring semester only; the application deadline for this program is always October 1. (If these dates fall on a weekend or holiday, then the applications would be due at the end of the following business day.)

The University has an obligation to children in the schools of Connecticut; therefore it is

essential that only those teacher candidates who exhibit academic and personal qualities essential in teaching be admitted to the professional program. The University faculty and administrative staff reserve the right to refuse admission to the Teacher Education Program to those teacher candidates whose academic achievement may be satisfactory but who are deemed by the faculty to lack the professional dispositions desirable of teachers.

For admission to the Undergraduate Teacher Education Program, teacher candidates must: *

1. Complete or be in the process of completing ECE 215 and PSY 206 for the Early Childhood Education Program; EDU 200, EDU 210, EDU 360, PSY 206 or PSY 208 for the Elementary Education Program; EDU 200, EDU 210 and EDU 360 for the Secondary Programs.
2. Have an earned grade point average of 2.70 or higher with a C or greater in all prerequisite coursework.
3. File a formal application by the required date.
4. Send to the Education Department references from a faculty member in their academic major, a faculty member from a General Education course, and a faculty member from the Education Department.
5. Pass PRAXIS I or other appropriate state test. This is a University and state requirement for certification, regardless of where one completes a teacher preparation program. (Note: The PRAXIS I exam or other appropriate state test must be taken a full year before admission so that scores will be received by CARE before application deadlines. Students are urged to take PRAXIS I early in the sophomore year.) This test may be waived if a) the applicant has a total of 1,000 on the SAT, with neither subtest below 400 points (for any test administration on or prior March 31, 1995) or b) a total of 1,100 or more on the SAT with no less than 450 on either the verbal or the mathematics subtests (for any test administrations on or after April 1, 1995).
6. Satisfactorily complete personal interview, demonstrating competencies in oral communication, with a team of faculty.

Students will be notified in writing when action is taken on their application. CARE recommends teacher candidates for certification after successful completion of the program.

Retention in the Program

For admissions and retention in the Teacher Education Program, teacher candidates must:

1. Maintain a 2.70 grade point average throughout coursework;
2. Earn a grade of “C” or higher in all required education courses; (see also Liberal Arts Core Curriculum)
3. Display ethical and professional behavior in all courses and clinical experiences.

All education students must enroll in a certification program and have another subject major to receive a teaching certificate.

Clinical Experience

A clinical experience is required of all teacher candidates enrolled in CORE I and CORE II courses, and it is usually scheduled for one half-day per week in a public school setting. In

addition, during CORE II, all elementary school teacher candidates spend one week at the Ragged Hill Woods Environmental Center. In this unique outdoor school, teacher candidates learn basic environmental concepts as well as the methods and skills for teaching these concepts experientially. The week-long Ragged Hill Woods clinical experience contains one day-long training session for the CORE II teacher candidates who then spend four days teaching small groups of children in grades K-8 who visit the center. Topics include Connecticut history, general ecology, the natural history of local plant and animal life, basic geology, water ecology, as well as map use and other relevant topics.

Student Teaching

Student teaching is usually assigned during a student's senior year and is a full semester course required for teaching certification. Teacher candidates must apply to the Coordinator of Educational Experiences in the Education Department for a student teaching placement in a regional school. Before being assigned such a placement, however, a student must be admitted by CARE to the Teacher Certification Program and have completed all education courses.

Placement for Early Childhood Certification will consist of two assignments. One assignment is a practicum (ECE 425) in special education in a preschool or kindergarten classroom, taken in CORE III (two full days per week). The second is in a primary grade classroom (grades 1-3) taken in ECE 445 during CORE IV (five full days per week). At least one placement will be in a multicultural setting. Graduate students in the Early Childhood Program are required to take ECE 566. This may be taken as a four-week block during student teaching or as a full semester option, two full days per week. Placement for Elementary Certification will be in grades K-6, and placement for a Secondary Level Certification will be in a middle or secondary classroom, grades 7-12. All candidates for teaching certification are expected to have clinical experiences in urban, suburban, and rural school settings.

Teacher Candidates with Disabilities

In order to be certified in the state of Connecticut all teachers must demonstrate mastery of the Connecticut Teaching Competencies. The Education Department at Eastern Connecticut State University does not discriminate against teacher candidates with disabilities. In the absence of a formal program at Eastern to address the needs of teacher candidates with disabilities, the Education Department is prepared to make "reasonable accommodations" for teacher candidates who are admitted into the program. In order that appropriate accommodations may be planned, teacher candidates in need of special supports are encouraged to inform CARE as early as possible, and to consult with the campus Office of AccessAbility Services.

Certification requirements are continually modified by the Connecticut State Department of Education. Below are some highlights of recent changes:

Academic Major

The state of Connecticut requires that those receiving a certificate after 1993 have a subject matter major outside of education. Early childhood education teacher candidates are encouraged to complete either psychology or sociology majors, but may major in any discipline. Elementary teacher candidates may major in any discipline except psychology or sociology. Secondary teacher candidates must complete a major in mathematics, biology, earth science, history/social studies, or english.

General Education Requirements

The state of Connecticut requires that those receiving a teaching certificate have a diverse

general education background in general academic courses. The following requirements may be met by undergraduate general education courses taken at Eastern.

For Early Childhood Majors:

Science (two courses, one with lab)	6 credits
English	6 credits
Social Science	3 credits
United States History (HIS 120, 121, or 310)	3 credits
Math (MAT 139)	3 credits
Arts	3 credits
Foreign Language (if not met in high school)	6 credits
PSY 206	3 credits
Current Issues in Health Education (HPE 201)	1 credit

For Elementary Majors:

Physical or Earth Science (one with a lab)	3 or 4 credits
Biological Science (one with a lab)	3 or 4 credits
MAT 139 (not required for MAT majors or minors)	3 credits
MAT 140 (not required for MAT majors or minors)	3 credits
English (six hours above ENG 100)	6 credits
Social Science (PSY 206 or PSY 208 recommended)	3 credits
United States History (HIS 120, 121, 310 or other approved	
US History survey course)	3 credits
Arts	3 credits
Foreign Language (if not met in high school)	6 credits
Health Dynamics (HPE 201 or HPE 210)	1 or 3 credits

Secondary education and post-baccalaureate teacher candidates, those certificate candidates having completed a B.A. or B.S. from an accredited university, may fulfill the state requirement for liberal arts courses by completing the following coursework in liberal arts courses:

United States History (HIS 310 or other approved US History survey course)	3 credits
HPE 201 (1 cr.) or HPE 210 (3 cr.)	1 or 3 credits

Coursework in the following areas:

Natural Science	6 credits
Social Science	3 credits
Arts	3 credits
English	6 credits
Mathematics	6 credits
Foreign Language (if not met in high school)	6 credits

Connecticut's Common Core of Teaching

The Connecticut Department of Education has identified the 48 competencies which teachers must acquire during their teacher preparation program or first years of teaching. These

competencies have been aligned with the Education Unit's Conceptual Framework. Teacher candidates' success during the university program and initial years of teaching will be assessed using these competencies; these competencies are reflected in the certification program objectives. Teacher candidates will be given opportunities to practice and master these throughout the program.

Exit Requirement

PRAXIS II, an exam that measures mastery of knowledge and skills critical to teaching in one's area of specialization, will be administered to all prospective early childhood, elementary and secondary teachers before a teaching certificate is recommended. Additionally, all early childhood majors will complete a portfolio assessment and present it to faculty before a teaching certificate is recommended. Both early childhood and elementary teachers and candidates must pass the Connecticut Foundations of Reading Test before teacher certification is recommended.

Teacher Certification

Teacher candidates who are accepted into and complete one of the following programs in the Education Department, along with the required subject area major, will also complete State of Connecticut certification requirements for teaching in:

Early Childhood Education (N - 3)

Elementary Education (K - 6)

Secondary Education (7 - 12) in

Biology

Environmental Earth Science

English

History/Social Studies

Mathematics

Physical Education (K-12).

Teacher candidates interested in the Physical Education program should contact the Health and Physical Education Department in the Sports Center, Room 230. Students interested in the other programs should contact the Education Department in Charles R. Webb Hall, Room 124.

The Early Childhood Education and Elementary Education programs are major programs and result in a Bachelor of Science (B.S.) degree in these certification areas and a double major in an academic area. The secondary programs are certification programs only and result in a degree in an academic area with teaching certification.

Certification at the Graduate Level

Post-baccalaureate teacher candidates might consider pursuing Early Childhood Education (N-3) Certification, Elementary Education (K-6) Certification, or Secondary Education (7-12) Certification within a Master of Science (M.S.) degree program. Information on these programs may be found in the Graduate Section of this catalog and through advisement in the Education Department office.

Initial Educator Certificate

After completion of a certification program, including demonstrated mastery of required teaching competency, and upon successful performance on the PRAXIS II exam (and for

early childhood candidates, successful completion of the portfolio also) and the Foundations of Reading test (for early childhood and elementary education candidates), teacher candidates are awarded an Initial Educator Certificate. During the first years of teaching, the new teacher participates in an induction program.

Teaching Portfolio

All teacher candidates will develop a teaching portfolio during their professional preparation sequence. The portfolio will include a personal philosophy statement, evidence of curriculum planning, videotapes or narratives of teaching, and other materials which will document competence in the profession. The final portfolio will be evaluated by program faculty as evidence of competence in the field.

Early childhood portfolio presentation sessions are scheduled 3 times during the academic year. If students are unable to present during a scheduled presentation session or if they fail their presentation, they must wait until the next scheduled presentation to represent their portfolio.

Undergraduate and Post-Baccalaureate Teacher Certification Programs

Early Childhood Education Major (B.S.)

This major is designed to prepare teachers for child care, preschool, kindergarten or primary programs which serve children from ages 3 to 8 years and their families. Completion of this major will lead to nursery to Grade 3 certification with certification in both regular and special education at the N and K levels.

Teacher candidates must complete the general education courses required for certification as outlined in the Liberal Arts Core Curriculum section on previous pages.

Teaching Portfolio

Early Childhood Education Certification at Eastern requires a major in an academic subject other than Education as well as the completion of the professional preparation courses listed in the following recommended course sequence. Psychology and sociology majors are best prepared for this certification program since that certification program requires an emphasis in human development coursework.

Articulation Agreement With Community Colleges

The Early Childhood Program at Eastern has developed an articulation agreement with regional community colleges. If you are transferring from a community college and have an associate's degree in Early Childhood Education, please check with an advisor to determine which courses you will need. Note: Due to changes in state certification requirements, teacher candidates are advised to check with program faculty for any program changes.

Teacher candidates will complete the following Early Childhood Education (ECE) professional preparation courses:

Professional Preparation Courses:

To be taken before admission to the Program:

ECE 215	Foundations of Early Childhood Education	3 credits
PSY 206	Psychology of Childhood	3 credits

To be taken only after admission to the program:

Core I (to be taken together as a block)

ECE 305	Introduction to Early Childhood Special Education	3 credits
ECE 315	Classroom Environments I (includes clinical experience)	4 credits
ECE 325	Language and Literacy	3 credits

Core II (to be taken together as a block)

ECE 335	The Integrated Curriculum in ECE (includes clinical experience)	4 credits
ECE 345	Classroom Environments II	3 credits
ECE 355	Reading and Writing in the Primary Years	3 credits

Core III (to be taken together as a block)

ECE 405	Adapting EC Curriculum for the Inclusive Classroom	3 credits
ECE 415	The Math and Science Curriculum in ECE	3 credits
ECE 425	Practicum in Early Childhood Special Education	3 credits

Core IV (to be taken together as a block)

ECE 435	Assessment in Early Childhood Education	3 credits
ECE 445	Student Teaching (in 1st, 2nd or 3rd grade)	6 credits

Total Professional Preparation**44 credits****Elementary Education Major (B.S.)**

This program is designed to prepare entry-level professionals to teach in elementary school classrooms. Elementary education certification at Eastern requires a major in an academic subject other than education, psychology, or sociology, and the completion of the professional preparation courses listed in the following recommended course sequence.

Teacher candidates must complete the Liberal Arts Core Curriculum courses required for certification as outlined on previous pages.

The Elementary Education Certification program at Eastern begins in the spring semester each year. Teacher candidates must apply to the CARE committee by October 1 for acceptance into that academic year's program.

Teacher candidates will complete the following professional courses:**Prerequisite courses must be completed prior to admission into the program**

EDU 200	Child and Adolescent Development and Exceptionalities	3 credits
EDU 210	Foundations of U.S. Education	3 credits
EDU 250 / CSC 250/ COM 250	Applied Information Technology for Educators	3 credit

PSY 206	Psychology of Childhood	3 credits
or		
PSY 208	Psychology of Adolescence	3 credits

Professional Preparation Courses:

Note: The following courses may only be taken after admission by CARE and are taken simultaneously in units.

Core I (taken as a block) (spring only)

EDU 301	Clinical Experience	1 credit
EDU 304	Learning and Teaching in Elem. Classrooms	3 credits
EDU 305	Reading and Language Arts I	3 credits
EDU 307	Inclusive Elementary Classrooms	3 credits

Core II (taken as a block) (fall only)

EDU 306	Reading and Language Arts II	3 credits
EDU 401	Clinical Experience	1 credit
EDU 411	Methods in Elementary Mathematics	3 credits
EDU 412	Methods in Elementary Social Studies	3 credits
EDU 413	Methods in Elementary Science	3 credits

Core III (taken as a block) (spring only)

EDU 465	Classroom Management and Assessment in the Elementary School	3 credits
EDU 470	Student Teaching - Elementary School	9 credits

Two of the following:

ART 370	Art in the Classroom	1 credit
MUS 370	Music in the Elementary Classroom	1 credit
HPE 360	Curriculum Materials: Physical Education	1 credit
THE 360	Theatre in the Elementary School Classroom	3 credits

Total Professional Preparation **45 credits**

Secondary Education Certification

This program is designed to prepare entry-level professionals to teach in secondary classrooms. The program leads to certification in grades 7 through 12. Teacher candidates may select and be certified to teach in the following major areas: biology, english, earth science, history and social studies, other social science majors with selected coursework, and mathematics.

Teacher candidates must complete the general education courses required for certification as outlined in the Liberal Arts Core Curriculum section on previous pages.

In order to ensure that candidates have acquired important content, pedagogical, and professional knowledge, skills, and dispositions as expected in their discipline(s), each teacher candidate enrolled in the secondary certification program will be required to pass a competency-based assessment task during their methods course prior to their student teaching semester. If a teacher candidate fails to meet these expectations he/she will receive appropriate remediation. The candidate will then have a second opportunity to pass the assessment before student teaching. Candidates unable to pass the assessment task on the second attempt will be required to register for an independent study. The student teaching will be deferred until successful completion of the assessment task and the independent study.

Teacher candidates will complete the following professional courses in Education:

Foundations

EDU 200	Child and Adolescent Development and Exceptionalities	3 credits
EDU 210	Foundations of U.S. Education	3 credits
EDU 250/ CSC 250/ COM 250	Applied Information Technology for Educators	3 credit

Professional Preparation Courses

Note: The following courses may only be taken after admission by CARE and are taken simultaneously in units.

Core I (taken as a block) (spring only)

EDU 300	Learning and Teaching in Middle and Secondary Classrooms	4 credits
EDU 301	Clinical Experience	1 credits
EDU 410	Reading in the Content Area	3 credits

Core II (taken as a block) (fall only)

EDU 308	Inclusive Secondary Classrooms	3 credits
EDU 401	Clinical Experience	1 credit

One of the following according to major:

EDU 460	Principles and Practices of Teaching Biology and Environmental Earth Science	3 credits
EDU 462	Principles and Practices of Teaching English	3 credits
EDU 463	Principles and Practices of Teaching History and Social Studies	3 credits
EDU 464	Principles and Practices of Teaching Mathematics	3 credits

Core III (taken as a block) (spring only)

EDU 425	Classroom Management and Assessment in the Secondary School	3 credits
EDU 471	Student Teaching	9 credits
	Total Professional Preparation	34 credits

English majors will complete the following special requirements as part of their program*:

ENG 203	Writing for English Majors	3 credits
ENG 329	Adolescent Literature	3 credits
ENG 340	History and Development of the English Language	3 credits
ENG 341	Modern American Grammar	3 credits
ENG 370	Composition, Theory, and Pedagogy	3 credits

*Contact the Education Department for additional recommended courses.

Additional Requirements for the History/Social Studies Secondary Certification Program

Eastern's History/Social Studies teaching certification program is approved by the National Council for Accreditation of Teacher Education and the National Council for the Social Studies. The following courses are required for certification:

Course in science, technology, and society. Choose one from BIO 200, EES 315, EES 222, EES 204, or EES 205.

ECO 200	Macroeconomics or ECO 100 Political Economy of Social Issues
GEO 100	Intro to Geography
PSC 110	American Government and Politics
PSY 100	General Psychology
SOC 100	Intro. To Sociology

Required History Courses (besides others to fulfill the major) are:

Course in non-Western history. Choose one from HIS 116, HIS 255 or HIS 275

HIS 120	Early American History or HIS 121 Recent American History
HIS 200	Historical Research and Writing
HIS 230	Western Civilization Before 1500 or HIS 231 Western Civilization Since 1500

Additional requirement for mathematics secondary certification program:

MAT 372	Advanced Mathematics for High School Teaching
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Certification

After completion of one of the programs described above, teacher candidates will apply for certification in one of the following grade levels:

N-3	Early Childhood (with dual certification in regular and special education at the N and K levels)
K-6	Elementary Education
7-12	Secondary

Honors

Kappa Delta Pi, an international honor society in education, elects to membership those

who exhibit the ideals of scholarship, high personal standards, and promise in teaching and allied professions. Eastern Connecticut State University's chapter, Epsilon Nu, was founded on April 13, 1943 as the 133rd chapter in the Society.

Courses of Instruction: Education

ECE 215 FOUNDATIONS OF EARLY CHILDHOOD EDUCATION 3 CREDITS

An introduction to the field of early childhood education. Examines the historical, philosophical, anthropological, psychological and social foundations of early childhood education. Explores issues in the field, ethics, and the organization and governance of American public schools, Head Start and child care centers. Includes the study of early child development, along with health and safety issues. Guided experiences in formal and informal settings that serve children required. Sophomore standing required.

ECE 305 INTRODUCTION TO EARLY CHILDHOOD SPECIAL EDUCATION

3 CREDITS
PREREQUISITE: ADMISSION TO THE EARLY CHILDHOOD PROGRAM

This course offers an introduction to special education, to provide teacher candidates with information about characteristics of various types of exceptionalities and special education laws, particularly as they apply to young children. The focus will be an overview of coordinated special services for young children and families, within integrated early childhood programs. Clinical experience required.

ECE 315 CLASSROOM ENVIRONMENTS I (INCLUDES CLINICAL EXPERIENCE) 4 CREDITS

PREREQUISITE: ADMISSION TO THE EARLY CHILDHOOD PROGRAM

Addresses classroom play environments for preschool and primary grade children. Focuses on the design of physical space, learning centers and materials, grouping, scheduling, and adaptations of these features to meet special needs. An emphasis is placed on play development and social competence and facilitating these through a planned environment. Multicultural perspectives on play and play environments are explored. Health and safety issues are considered. Clinical experience required.

ECE 325 LANGUAGE AND LITERACY (INCLUDES FAMILY CHILD CARE PROJECT) 3 CREDITS

PREREQUISITE: ADMISSION TO THE EARLY CHILDHOOD PROGRAM

An examination of the development of both oral and written language from birth through kindergarten. Constructivist and sociolinguistic learning theories are emphasized. Examines typical oral language development, second language acquisition, language and speech delays, and emergent reading and writing. The role of the adult in supporting language and literacy development is explored. Clinical experience required.

ECE 335 THE INTEGRATED CURRICULUM IN ECE (INCLUDES CLINICAL EXPERIENCE) 4 CREDITS

PREREQUISITE: ADMISSION TO THE EARLY CHILDHOOD PROGRAM

Addresses the planning of a developmentally appropriate curriculum, grounded in constructivist and sociolinguistic thought. Focuses on selecting curriculum content, materials and activities across the disciplines. Emphasizes the integration of literacy, math, science, social studies, and the aesthetic arts. A special focus is placed upon the anti-bias curriculum and on celebrating diversity. Multimedia applications are explored. Guided experience in the classroom required.

ECE 345 CLASSROOM ENVIRONMENTS II**3 CREDITS**

PREREQUISITE: ADMISSION TO THE EARLY CHILDHOOD PROGRAM

Focuses on the design of physical classroom space, and the development of learning centers and materials in math, science, creative dramatics, and social studies, including the anti-bias curriculum. This course emphasizes appreciation of and sensitivity to diversity in ability, age, learning style, ethnicity, and gender.

ECE 355 READING AND WRITING IN THE PRIMARY YEARS **3 CREDITS**

PREREQUISITE: ADMISSION TO THE EARLY CHILDHOOD PROGRAM

An examination of reading, writing, and oral language development from ages 5 to 8, including ways that teachers can support this growth through shared reading, language intervention, the environment, and a planned, balanced reading and writing curriculum. Promotes the integration of reading, writing, and verbal and nonverbal communication in all areas of the classroom and across the curriculum.

ECE 405 ADAPTING EC CURRICULUM FOR THE INCLUSIVE CLASSROOMPREREQUISITE: ADMISSION TO THE EARLY CHILDHOOD PROGRAM **3 CREDITS**

This course provides extended opportunities for teacher candidates to apply basic methods in Early Childhood Special Education, within integrated classrooms. This will include planning and implementing curricular adaptations, based on principles of developmental and individual appropriateness. Family involvement in all aspects of early childhood special education will be an integrated aspect of this course. Clinical experience required.

ECE 415 THE MATH AND SCIENCE CURRICULUM IN ECE **3 CREDITS**

PREREQUISITE: ADMISSION TO THE EARLY CHILDHOOD PROGRAM

Examines teaching and learning of mathematics and science within the early childhood classroom. A focus will be on the integrated curriculum and the active construction of physical and logico-mathematical knowledge. The role of technology within this curriculum will be actively studied. Guided experience in the classroom including interaction with children required.

ECE 425 PRACTICUM IN EARLY CHILDHOOD SPECIAL EDUCATIONPREREQUISITE: ADMISSION TO THE EARLY CHILDHOOD PROGRAM **3 CREDITS**

This practicum offers teacher candidates the opportunity to work closely with a child who has special needs, within a developmentally appropriate early childhood program. Teacher candidates will be asked to observe and record learning and behavior of this child and peers. They will be expected to adjust activities, as necessary, for learning differences and to facilitate social interaction between this child and “typically developing” peers. A focus is on scaffolding the child’s learning and development — that is, giving just the right amount of assistance, without over-directing or missing opportunities for appropriate intervention.

ECE 435 ASSESSMENT IN EARLY CHILDHOOD EDUCATION **3 CREDITS**

PREREQUISITE: ADMISSION TO THE EARLY CHILDHOOD PROGRAM

Examines assessment strategies in early childhood education. Facilitates the development of a portfolio as a documentation of teachers’ professional growth. Emphasizes portfolio assessment of children’s development. Explores tools for formative and summative program evaluation.

ECE 445 STUDENT TEACHING (IN 1ST, 2ND, OR 3RD GRADE) **3 CREDITS**

PREREQUISITES: COMPLETION OF PROFESSIONAL COURSES AND APPROVAL OF CLINICAL EXPERIENCE COORDINATOR

A full semester of teaching experience in a primary grade setting, designed to translate theory into practice and to fulfill the requirements for Initial Teaching Certification issued by the Connecticut State Department of Education.

EDU 101 TEACHING IN THE 21ST CENTURY 3 CREDITS

PREREQUISITE: ACCEPTANCE BY APPLICATION

This course is designed for teacher candidates considering education as a major and teaching as a profession. Teacher candidates will have an opportunity to experience primary, middle and secondary education through field placements. Teacher candidates will obtain a systematic body of knowledge from which they can develop a repertoire of teaching practices to meet the learning needs of teacher candidates with diverse learning styles, developmental needs, cultural and socioeconomic backgrounds.

EDU 110 INTRODUCTION TO EDUCATION 3 CREDITS

Designed for teacher candidates interested in learning and teaching in NK-12 schools as future educators, parents, and concerned citizens. Through a two-hour seminar of study and self-reflection and a weekly three-hour clinical experience in local schools, teacher candidates will actively investigate primary through secondary classrooms and the dynamics and complex relationships of individuals and their communities concerning schools.

EDU 200 CHILD AND ADOLESCENT DEVELOPMENT AND EXCEPTIONALITIES 3 CREDITS

This course is designed to provide you with a broad overview of human development from conception to adolescence. We will cover typical and atypical human development in the physical, cognitive, linguistic, and social/emotional domain. Traditional and contemporary theories combined with current research in human development will be the basis of course content and class discussions.

EDU 210 FOUNDATIONS OF U.S. EDUCATION 3 CREDITS

PREREQUISITE: SOPHOMORE STANDING

An introduction to U.S. education through a study and analysis of the historical, sociological, philosophical, ethical, legal, political, and financial factors basic to the governance and practice of American education. Clinical experiences in classrooms and administrative settings required. For elementary, secondary and physical education certification teacher candidates. Sophomore standing required.

EDU 250 (CSC 250, COM 250) APPLIED INFORMATION TECHNOLOGY FOR EDUCATORS 1 CREDIT (3 Credits Combined)

This course is designed to introduce students to use the information technology in the educational environment. Students will develop and be able to apply the technological skills and knowledge necessary to support educational experiences. Educational issues including the standards movement, student centered learning, assessment, collection and management of data and evaluation of materials for educational purposes will be covered. (1 credit) Register for EDU 250 and co-requisites CSC 250 and COM 250 during the same semester. All three courses must be satisfactorily completed to receive Tier II: Applied Information Technology credit.

Tier 2: Applied Information Technology: This combination of courses (EDU 250, COM

250, CSC 250) has been approved for Tier II: Applied Information Technology credit. All three courses must be passed to receive Tier II credit.

EDU 260 (WST 260, ENG 260) INTRODUCTION TO WOMEN'S STUDIES

3 CREDITS

Note: Taught in conjunction with English department. Recommended for those wishing to take advanced women-related courses in English. Required of all women's studies minors. Provides necessary contextual background for the study of women and literature as well as the study of the history of women's education and sexism in education.

EDU 300 LEARNING AND TEACHING IN MIDDLE LEVEL AND SECONDARY CLASSROOMS

4 CREDITS

PREREQUISITE: ADMISSION TO THE TEACHER EDUCATION PROGRAM

This course presents an overview of theories of learning most applicable to the teacher's task of promoting students' learning in classrooms. The task of meeting the learning needs of students ranging from the gifted to the various handicapping conditions is addressed as well as the process of matching teaching practices with the range of learning styles typical of elementary and secondary classrooms. Clinical experience required.

EDU 301 CLINICAL EXPERIENCE – CORE I

1 CREDIT

PREREQUISITE: ADMISSION TO THE TEACHER EDUCATION PROGRAM

A full semester of clinical experiences in the classroom designed to translate theory into practice. Graded credit/no credit. In conjunction with elementary or secondary certification programs, CORE I – first semester.

EDU 304 LEARNING AND TEACHING IN ELEMENTARY CLASSROOMS

3 CREDITS

PREREQUISITE: ADMISSION TO THE UNDERGRADUATE ELEMENTARY

CERTIFICATION PROGRAM. CO-REQUISITE COURSES: EDU 301, EDU 305, EDU 307.

Prospective teachers are expected to gain a systematic body of knowledge from which they can develop a repertoire of teaching practices and curriculum materials to meet the learning of students in elementary schools with divergent learning styles, developmental characteristics, and socioeconomic backgrounds.

EDU 305 READING AND LANGUAGE ARTS I

3 CREDITS

PREREQUISITE: ADMISSION TO THE TEACHER EDUCATION PROGRAM

An examination of the nature of the reading/language process. Current knowledge about literacy development which includes the integration of reading, writing, and literature provides the theoretical perspective of this course. Focus on grades K-3. Clinical experience required.

EDU 306 READING AND LANGUAGE ARTS II

3 CREDITS

This course provides pre-service teachers with an integrated approach to the teaching of the language arts (reading/language arts/children's literature), social studies, mathematics, and sciences in the elementary school. Both the theoretical and practical aspects of teaching will be explored and curriculum materials developed based upon common concepts. The course is team-taught with EDU 411, EDU 412, and EDU 413

EDU 307 INCLUSIVE ELEMENTARY CLASSROOMS

3 CREDITS

This course focuses on the teaching of exceptional learners who are integrated into general education elementary classrooms. It addresses special education legislation, referral, assessment, individualized education plans, collaboration, differential instruction, assistive technology, and the basic knowledge teacher candidates need to understand various exceptionalities, and

life span needs of students with disabilities. The course concludes with a discussion of trends and issues surrounding the education of students who are exceptional.

EDU 308 INCLUSIVE SECONDARY CLASSROOMS

3 CREDITS

This course focuses on the teaching of exceptional learners who are integrated into middle and secondary level general education classrooms. It addresses special education legislation, referral, identification and assessment, collaboration, individualized education programs, transition, accommodations, characteristics of learners who have various special needs, assistive technology, classroom management, and life span needs. The course culminates with current trends and issues in the education of middle and secondary level learners who are exceptional.

EDU 360 TECHNOLOGY IN THE CLASSROOM

1 CREDIT

Designed to introduce teachers to the computer as a multi-faceted tool. Teacher candidates will evaluate educational software from the perspectives of instructional design and curriculum integration. They will learn the potential for enhancing the learning environment using productivity software, teacher utilities, and telecommunication packages.

EDU 365 SPECIAL TOPICS

3 CREDITS

Special areas of interest in elementary, middle, and secondary school education. Topics will change and course may be repeated with a change of topic.

EDU 401 CLINICAL EXPERIENCE – CORE II

1 CREDIT

PREREQUISITE: ADMISSION TO THE TEACHER EDUCATION PROGRAM

A full semester of clinical experiences in the classroom designed to translate theory into practice. Graded credit/no credit. In conjunction with elementary or secondary certification programs, CORE II – second semester.

EDU 410 READING IN THE CONTENT AREA

3 CREDITS

PREREQUISITE: ADMISSION TO THE TEACHER EDUCATION PROGRAM

An overview of the reading process and theoretical models of reading and language development. Specific strategies to meet the reading needs of middle and secondary school students with diverse backgrounds will be explored. Clinical experience required.

EDU 411 METHODS IN ELEMENTARY MATHEMATICS AND SCIENCE

3 CREDITS

Development of teaching methods based on theoretical and practical aspects of teaching science in the elementary grades. Curricular materials, teaching strategies and classroom procedures will be examined and skills required for teaching science will be developed. All teacher candidates are required to complete a one-week outdoor education clinical experience at Ragged Hill Woods. This course is team taught with EDU 306, EDU 412, and EDU 413.

EDU 412 METHODS IN ELEMENTARY SOCIAL STUDIES

3 CREDITS

PREREQUISITE: ADMISSION TO THE UNDERGRADUATE ELEMENTARY CERTIFICATION PROGRAM. COREQUISITE COURSES: EDU 306, EDU 410, EDU 411, EDU 413

Development of teaching methods based on the theoretical and the practical aspects of teaching social studies in the elementary grades. Curricular materials, teaching strategies, and classroom procedures will be examined and skills required for teaching social studies will be

developed. A 45 hour field experience (EDU 401) must be completed as part of the requirements of all the courses in Core II. This course is team taught with EDU 306, EDU 411, and EDU 413.

EDU 413 METHODS IN ELEMENTARY SCIENCE

3 CREDITS

Development of teaching methods based on theoretical and practical aspects of teaching science in the elementary grades. Curricular materials, teaching strategies and classroom procedures will be examined and skills required for teaching science will be developed. All teacher candidates are required to complete a one-week outdoor education clinical experience at Ragged Hill Woods. This course is team taught with EDU 306, EDU 411, and EDU 412.

EDU 425 CLASSROOM MANAGEMENT AND ASSESSMENT THE SECONDARY SCHOOL

3 CREDITS

PREREQUISITE: ADMISSION TO THE TEACHER EDUCATION PROGRAM.

CO-REQUISITE: EDU 471

Note: Taken concurrently with student teaching.

Examination of the modern secondary school, its organization and curriculum. Trends and issues that influence how instruction is implemented and addressed. Adaptations for a range of learners and environments are considered.

EDU 438 PARENTING

3 CREDITS

A course designed to investigate in depth the issues, expectations, and realities of parenting. Theories of parenting will be a part of the course but the major area of focus will be on issues relating to effective parenting.

EDU 460 PRINCIPLES AND PRACTICES OF TEACHING BIOLOGY AND ENVIRONMENTAL EARTH SCIENCE

3 CREDIT

PREREQUISITE: ADMISSION TO THE TEACHER EDUCATION PROGRAM

Development of a philosophy of teaching biology and environmental earth science within the framework of a secondary science program. Selection and organization of materials. Guidance for student growth in developing scientific attitudes. Clinical experience required.

EDU 462 PRINCIPLES AND PRACTICES OF TEACHING ENGLISH

3 CREDITS

PREREQUISITE: ADMISSION TO THE TEACHER EDUCATION PROGRAM

Fundamental objectives and methodology in teaching English. Review of materials and programs in secondary schools. The development of attitudes in using newer approaches. Clinical experience required.

EDU 463 PRINCIPLES AND PRACTICES OF TEACHING HISTORY AND SOCIAL STUDIES

3 CREDITS

PREREQUISITE: ADMISSION TO THE TEACHER EDUCATION PROGRAM

Development of a philosophy for teaching history and social studies in the secondary schools. Current trends and issues, curriculum programs, teaching strategies, classroom procedures, and materials will be examined and developed. Clinical experience required.

EDU 464 PRINCIPLES AND PRACTICES OF TEACHING MATHEMATICS

PREREQUISITE: ADMISSION TO THE TEACHER EDUCATION PROGRAM **3 CREDITS**

A course designed for those preparing to teach mathematics in the secondary school. Planning, methods of instruction, methods of curriculum development and techniques of evaluation will be covered. Clinical experience required.

**EDU 465 CLASSROOM MANAGEMENT AND ASSESSMENT IN THE
ELEMENTARY SCHOOL** **3 CREDITS**

CO-REQUISITE: EDU 470

Examination of the elementary school, its organization and curriculum. Trends and issues that influence how instruction is implemented, managed, and assessed.

EDU 470 STUDENT TEACHING (ELEMENTARY SCHOOLS) **9 CREDITS**

PREREQUISITE: ADMISSION TO THE TEACHER EDUCATION PROGRAM AND APPROVAL OF COORDINATOR OF EDUCATIONAL EXPERIENCES

A full semester of teaching experience in the classroom designed to translate theory into practice. Seminars required. Graded by credit/no credit. Completion of professional courses, admission to the Teacher Education Program, and submission of student teaching preference form. This course clearly identifies the student teaching experience required for initial teaching certification issued by the Connecticut State Department of Education and is consistent with Connecticut Department of Education requirements.

EDU 471 STUDENT TEACHING (SECONDARY EDUCATION) **9 CREDITS**

PREREQUISITE: ADMISSION TO THE TEACHER EDUCATION PROGRAM AND APPROVAL OF COORDINATOR OF EDUCATIONAL EXPERIENCES

A full semester of teaching experience in the classroom designed to translate theory into practice. Seminars required. Graded by credit/no credit. Completion of professional courses, admission to the Teacher Education Program, and submission of student teaching preference form. This course clearly identifies the student teaching experience required for initial teaching certification issued by the Connecticut State Department of Education and is consistent with Connecticut Department of Education requirements.

EDU 480 INDEPENDENT STUDY **7 CREDITS**

Research in an appropriate area of study. Consent of instructor and approval of department chairperson required.

EDU 490 INTERNSHIP IN EDUCATION **1-7 CREDITS**

This course is designed to allow outstanding teacher candidates, who are recommended by university advisors, to have practical experience under the cooperative supervision of the student's advisor, and an outside school or agency. A plan of study must be filed with the student's advisor and the Education department chairperson. Consent of instructor and approval of department chairperson required. Graded by credit/no credit.

HEALTH AND PHYSICAL EDUCATION

Chairperson: *Robert Horrocks*

Professors: *Robert Horrocks, Darren Robert, Daniel Switchenko, Neil F. Williams*

Associate Professors: *Darren Dale, Charles Chatterton, Nanette Tummers*

Assistant Professors: *Gregory Kane, Anita Lee*

Major: Physical Education (B.S.)

Special Subject Certification for Grades PreK-12

Objective

The B.S. degree with a major in physical education is designed for students who have a love of physical activity and a special interest in working in sport and exercise activities with children and youth. The program of studies provides excellent preparation for careers in public school physical education programs and other related agencies such as YMCAs, YWCAs, boys' or girls' clubs, and city or county public and private recreation programs and clubs.

The courses in this program emphasize studies in exercise science, instructional philosophy, and pedagogical analysis and techniques. The hallmark of this distinctive program is extensive clinical field experiences in public schools and professional agencies. For the teaching certification program, in addition to the senior year student teaching course, students will be involved in at least two off-campus practicum/seminar courses taught by physical educators currently teaching in area public schools. The program is accredited by the Connecticut State Department of Education and the National Council for Accreditation of Teacher Certification.

Professional Development Point System

Students majoring in physical education or sport and leisure management are required to accumulate 10 professional development points each semester before registering for certain upper division practicum courses.

Cross Endorsement in Health

Students who receive Connecticut teaching certification in physical education are encouraged to seek a "cross endorsement" in health education. Students must complete 30 credits of course work specifically addressing health related topics, and pass the State of Connecticut Health Education Exam (Praxis II). Contact HPE Department for more information.

Grade Requirement

The grade of "C" or higher must be earned in all physical education major and minor courses.

CARE

Students pursuing a Connecticut Initial Educator Certificate in physical education must be formally admitted to the certification program by CARE (Committee on Admission and Retention in Education). This committee of faculty members from the Education and Health and Physical Education Departments is responsible for the admission process and also monitors student progress after admission. Students must have a grade point average of 2.7 and a passing score on all three components of PRAXIS I at the time of application to CARE. Students should apply to CARE in their first or second semester of study.

Degree Requirements

Requirements: The grade of “C” or higher must be earned in all Physical Education major courses and in all Sport and Leisure Management major courses. Passing PRAXIS I and having a GPA of 2.7 in all courses are required to qualify for upper division courses.

FIRST TIER

Course		Credits
EDU 200	Child and Adolescent Development	3
HPE 210	Personal Health	3
HPE 230	Introduction to Physical Education	3
HPE 240	Introduction to PE Curriculum Materials	3

(Prerequisite to HPE 240: HPE 210 & HPE 230)

SECOND TIER

CARE Acceptance – Committee on Admission & Retention in Education

Requirements: GPA 2.7 and Passing Praxis I scores

(HPE 230 & EDU 200/210 in process or completed)

EDU 210	Foundations of U.S. Education (No prerequisite)	3
HPE 328	Applied Anatomy and Physiology	3

(Prerequisite for HPE 328: HPE 210 & HPE 230)

THIRD TIER

HPE 329	Physiological Basis of Movement*	3
HPE 363	Elementary School Activities and Games*	3
HPE 368	Educational Dance and Gymnastics*	3
HPE 401	Motor Development*	3

*(Pre-requisite: acceptance to CARE)

FOURTH TIER

HPE 361	Individual Activities and Games**	3
HPE 362	Team Activities and Games**	3
HPE 413	Physiology of Exercise**	3

** (Prerequisites: CARE; 329; 363; 368; 401)

FIFTH TIER

HPE 315	Adapted Physical Education***	3
HPE 335	Technology and Assessment in Physical Education***	3
HPE 411	Sports in American Society (Prerequisite WRT 50)***	3
HPE 441	Teaching, Organization and Administration of Elementary School PE (Seminar)***	3
HPE 445	Teaching, Organization and Administration of Secondary School PE (Seminar)***	3

***(Prerequisites: CARE; 413, 361, 362)

SIXTH TIER

HPE 475	Student Teaching (Prerequisites: All coursework, Praxis II registration)	9
HPE 476	Student Teaching Seminar (Prerequisites: All coursework, Praxis II registration)	3

In addition:

One (1) U.S. or American History course

- HIS120, 121, 221, 241, 245, 251, 302, 303, 310, 316, 318, 321, 322, or 358

One (1) English class above English 100

- HPE 075 First Aid Certification

Major: Sport And Leisure Management (B.S.)

Objectives

The B.S. degree in Sport and Leisure Management provides introductory and advanced courses in sport management with concentration areas in exercise science, sport management, health, and sport performance. Students completing this program will be well prepared for careers in sport management, employee fitness and wellness programs, public and private recreation facilities, exercise science, personal training, health and wellness, and sport performance and coaching. This program lays the foundation for graduate education in a variety of professional areas.

Practicum Experience

To develop skills in leadership, program development, problem solving, communications, and interpersonal relationships, students are required to participate in a supervised pre-professional (practicum) experience.

Grade Requirement

The grade of "C" or higher must be earned in all physical education and all sport and leisure Management major and minor courses.

Professional Development Point System

Students majoring in physical education or sport and leisure management are required to accumulate 10 professional development points each semester before registering for certain upper division and practicum courses.

Degree Requirements

Course	Years	Core Courses	Credits
HPE 210	1	Personal Health	3
SLM 250	1	Introduction to Health Fitness/Sport Science	3
HPE 328	2	Applied Anatomy and Physiology (GER III B w/o lab)	3
SLM 341	2	Program Development & Evaluation	3
SLM 345	3	Leadership & Problem Solving	3

SLM 440	3	Quantitative Analysis	3
SLM 360	3	Research Methods in SLM	3
HPE 411	4	Sport in American Society (writing intensive)	3
SLM 495/496	4	Internship	3

Total 27 credits

Select One Concentration:

	Year	Exercise Science Concentration	Credits
HPE 329	2	Physiological Basis of Movement	3
HPE 413	2	Physiology of Exercise	3
SLM 375	3	Exercise Management for Disabilities	3
SLM 340	3	Exercise Testing and Prescription	3
HPE 320	4	Sports Nutrition	3

Total 15credits

	Year	Health Promotion Concentration	Credits
HPE 326	2	Stress Management	3
HPE 365	2	Worksite Health Promotion	3
HPE 207	3	Nutrition Across the Lifespan	3
HPE 325	3	Holistic Health	3
HPE 329	4	Physiological Basis Movement	3

	Year	Sport Management Concentration	Credits
HPE 331	2	Organization and Administration (writing intensive)	3
SLM 320	2	Entrepreneurship, Marketing and Communication in Sports	3
SLM 330	3	Design, Construction and Management of Sports Facilities	3
	3	Additional Course (advisor approval)	3
	3	Additional Course (advisor approval)	3

Total 15 credits

	Year	Sport Performance Concentration	Credits
HPE 303	2	Sports Conditioning for Youth	3
HPE 329	2	Physiological Basis of Movement	3
SLM 355	3	Motor Learning	3
SLM 413	3	Physiology of Exercise	3
SLM 346	4	Sport Psychology	3

Total 15 credits

Grand Total 42 credits

Minor: Physical Education

HPE 230	Introduction to Physical Education	3
HPE ***	Courses numbered 300 or higher	12

Total Credits for Physical Education Minor 15 credits

Minor: Sport and Leisure Management

SLM 240	Introduction to Recreation Leisure Services	3
SLM ***	Courses numbered 300 or higher	12

Total Credits for Sport and Leisure Management Minor 15 credits

Minor: Health

The health minor is useful to teacher education students as well as students with a major in psychology, sociology, and social work.

Required Course:

HPE 210 Personal Health 3 credits
Courses numbered 200 or higher with a focus on health and wellness (12 credits).

Electives (advisor approval):

HPE 207 Nutrition 3 credits
HPE 209 Nutrition and Public Health 3 credits
HPE 310 Alcohol and Drugs (Schools and Colleges) 3 credits
HPE 312 Group Dynamics in Health Education 3 credits
HPE 320 Sports Nutrition 3 credits
HPE 325 Holistic Health 3 credits
HPE 326 Stress Management 3 credits
HPE 340 Intro to Health Curriculum Materials 3 credits
HPE 448 Teaching Health in the Schools 3 credits

Total Credits for Health Minor 15 credits

Minor: Coaching

The coaching minor is useful for those interested in working with young people in interscholastic sports programs and community volunteer sports programs. Courses introduce the student to the philosophical, scientific, and developmental aspects of conducting sports programs.

Required Courses:*

HPE 403 Coaching Youth Sports 3 credits
Twelve (12) credits from the list below 12 credits
SLM 313 Sports Physiology 3 credits
HPE 303 Sports Conditioning for Youth 3 credits
HPE 320 Sports Nutrition 3 credits
HPE 370 Athletic Training 3 credits
HPE 413 Physiology of Exercise 3 credits
SLM 355 Motor Learning 3 credits
SLM 346 Sports Psychology 3 credits

Total Credits for Coaching Minor 15 credits

** Students will also be required to obtain Red Cross First Aid and CPR Certification.*

Courses of Instruction: Health and Physical Education

HPE 101 FOUNDATIONS OF HEALTH-RELATED FITNESS 1 CREDIT

NOTE: THIS COURSE PLUS TWO HPE COURSES NUMBERED BETWEEN 110 AND 190 WILL SATISFY THE GER PHYSICAL EDUCATION REQUIREMENT.

Presents information relating to exercise physiology, nutrition, and use of leisure time to provide a basic understanding of the functions of physical activity in the life of the individual.

HPE 102 HEALTHY WEIGHT MANAGEMENT 2 CREDITS

NOTE: THIS COURSE PLUS ONE HPE COURSES NUMBERED BETWEEN 110 AND

190 WILL SATISFY THE GER PHYSICAL EDUCATION REQUIREMENT.

Designed to provide students with the basic principles for achieving and maintaining a healthy body weight.

**HPE 103 FOUNDATIONS OF HEALTH-RELATED FITNESS:
COMPREHENSIVE**

2 CREDITS

NOTE: THIS COURSE PLUS ONE HPE COURSES NUMBERED BETWEEN 110 AND 190 WILL SATISFY THE GER PHYSICAL EDUCATION REQUIREMENT.

A survey of the basic concepts important in developing a physically active way of life. Includes extensive experience in a variety of sports and physical fitness activities. Presents information relating to exercise physiology, nutrition, and use of leisure time.

**HPE 104 FOUNDATIONS OF HEALTH AND WELLNESS
(GER REQUIREMENT)**

2 CREDITS

An exploration of scientifically-based understandings of the physiological, genetic, behavioral, social and cultural factors that support health and wellness. Includes an understanding of health risks and the various challenges to human health and wellness.

Activity Courses

Activity Courses (listed below) are designed to assist in the development of lifetime sports-related skills which may support future leisure and recreational pursuits. These courses are graded on a credit/no credit (CR/NC) basis. Activity Courses are designed for the general college population to satisfy the GER requirements in physical education.

HPE 110 AEROBICS FOR FITNESS

1 CREDIT

For students seeking physical fitness development through aerobic and flexibility training.

HPE 112 AEROBICS FOR FITNESS: ADVANCED

1 CREDIT

Advanced class for students seeking physical fitness development through aerobic and flexibility training.

HPE 113 HIP HOP AEROBIC DANCE

1 Credit

Students will perform sustained bouts of fundamental dance combinations to popular music at a high level of energy expenditure in a group setting.

HPE 114 FITNESS WALKING

1 CREDIT

Designed to familiarize students with a life-long fitness activity to enhance cardio-respiratory endurance and body composition.

HPE 116 TRAIL WALKING

1 CREDIT

Field experiences in hiking and distance walking on local wooded trails, involving map reading and orientation, with an emphasis on group and self-reliance.

HPE 117 JOGGING FOR BEGINNERS

1 CREDIT

Walk-running or “cruising” is a merging of walking and running programs for beginning levels of fitness; programs are individualized but use alternating bouts of walking and running as interval training to build towards continuous running.

HPE 118 ADVENTURE RUNNING

1 CREDIT

Field experiences using different environments and running surfaces, stressing the physical, mental, and social experiences related to distance running.

HPE 120 TENNIS I	1 CREDIT
Covers basic forehand and backhand drives, volley, lob, overhead and serve; also rules, scoring, and basic strategies of singles and doubles; designed for beginning players who have little or no tennis experience.	
HPE 121 TENNIS II	1 CREDIT
PREREQUISITE. HPE 120 OR PERMISSION OF INSTRUCTOR.	
Reviews the basic strokes of Tennis I. Emphasizes intermediate play and strategy for both singles and doubles.	
HPE 124 BADMINTON	1 CREDIT
Teaches the service, smash, clear, and drop shots, as well as rules and strategy of singles and doubles.	
HPE 128 RACQUETBALL	1 CREDIT
Provides instruction and practice in basic racquetball skills, rules and strategies for singles, three-way, and doubles play.	
HPE 130 WEIGHT TRAINING	1 CREDIT
Instruction and practice in fitness activities with emphasis on strength development. Isotonic, isometric and isokinetic activities are included.	
HPE 132 BODY CONDITIONING	1 CREDIT
This course includes work in body toning, flexibility training, and general physical conditioning for individuals who wish to practice a form of resistance training without using weights.	
HPE 136 INTRODUCTION TO JUJUTSU	1 CREDIT
Introduction to the techniques and philosophy of traditional Wa Shin Ryu Jujutsu. An integrated approach to the development of practical self defense/combatative skills and inner power. The course integrates diverse methods of training into a holistic internally consistent system.	
HPE 140 YOGA	1 CREDIT
This course will introduce yoga postures and breathing techniques to improve personal wellness and aid in stress reduction. It aims to acquaint the participant with the harmonizing relationship of the mind, body, emotions, and spirit, while increasing flexibility, strength, and mindfulness.	
HPE 141 KUNG FU	1 CREDIT
Beginning level study of this martial arts, teaching the use of throws, strikes, kicks, and self-defense, including the philosophy of empowerment through self-improvement.	
HPE 142 TAE KWON DO	1 CREDIT
This course provides an introduction to the martial art of tae kwon do to include history, philosophy, and basic skills techniques.	
HPE 143 TAI CHI	1 CREDIT
Tai Chi is a series of slow moving exercise forms for individuals who wish to practice a less strenuous fitness program. Tai Chi improves balance, tones the body, reduces stress, and promotes longevity.	

HPE 144 BOWLING 10-PIN**1 CREDIT**

Teaches basic ten-pin bowling skills, scoring, handicapping, and league play format. Classes meet off campus at local bowling lanes, equipment provided; fee required

HPE 145 PILATES**1 CREDIT**

Principles and components of Pilates exercise system. Stretch, strengthen, and balance through exercising and breathing.

HPE 146 HANDBALL**1 CREDIT**

Provides instruction and practice in basic four-wall handball skills, rules and strategies for singles, three-way, and doubles; equipment provided.

HPE 148 CANOEING AND KAYAKING**1 CREDIT**

Designed to introduce the many different types of recreational boat paddling available. Recreational as well as racing canoes and kayaks will be utilized; equipment provided; fee required.

HPE 150 SWIMMING FOR NON-SWIMMERS**1 CREDIT**

For students who cannot swim across a pool. Stresses safety and comfort in the water. Covers basic front and back strokes, floating and treading water; also feet-first and head-first entries.

HPE 151 SWIMMING I-BEGINNING SWIMMING**1 CREDIT**

Basic swimming for fitness is introduced. Covers basic front and back strokes, floating and treading as well as feet-first and head-first entries. For the beginning swimmer who has minimal swimming skills.

HPE 152 SWIMMING II-INTERMEDIATE SWIMMING**1 CREDIT**

Covers skills of the front, back, and breast strokes, and diving.

HPE 155 OPEN WATER SCUBA DIVING**1 CREDIT**

This course provides basic information and skills for safe exploration of the underwater environment using self-contained underwater breathing apparatus. Successful completion of the course earns lifetime worldwide PADI (Professional Association of Diving Instructors) certification.

HPE 157 WATER AEROBICS**1 CREDIT**

Designed to introduce a fitness activity with minimal stress to the joints of the body; suited to everyone, but especially those individuals who have an injury or limitations that may impede abilities outside the water.

HPE 159 AEROBIC LAP SWIMMING**1 CREDIT**

Cardio-respiratory conditioning through distance swimming.

HPE 175 GOLF: BEGINNER**1 CREDIT**

Covers the fundamentals of the complete swing, golf course etiquette, golf rules. Classes meet off campus at local golf course; equipment provided; fee required

HPE 176 GOLF: INTERMEDIATE**1 CREDIT**

This course builds upon a basic foundation of golf skills previously developed in Golf: Beginner (HPE 175) or outside of class and includes refinement of the golf swing and course strategies, etiquette and rules; fee required.

HPE 190 SPECIAL SPORT/FITNESS ACTIVITY**1 CREDIT**

PREREQUISITE: CONSENT OF DEPARTMENT CHAIRPERSON

Opportunity to obtain credit for instruction in physical activities not offered in the above-listed activities.

Professional Courses of Instruction: Health and Physical Education**HPE 200 SPECIAL TOPICS****1-3 CREDITS****HPE 201 CURRENT ISSUES IN HEALTH EDUCATION****1 CREDIT**

Included are the issues of drugs, mental health, alcohol, smoking, birth control, abortion, sexually transmitted diseases, weight control, marriage and the family, and AIDS education. Also includes the National Health Education Standards. Satisfies Connecticut State requirements for the Initial Educator Certificate.

HPE 207 NUTRITION ACROSS THE LIFESPAN**3 CREDITS**

An introductory course designed to provide students with an understanding of the relationship between nutrition and the human physiological process. Major and minor nutrients will be studied within the context of nutritional problems and issues related to health promotion. Assessment of personal nutrition status is included.

HPE 209 NUTRITION AND PUBLIC HEALTH**3 CREDITS**

An examination of current issues in the nutritional status of populations and their impact on public health. Controversies in public health nutrition and the factors that influence stakeholders' positions. The focus will be on population-based nutrition as opposed to individual nutritional choices. Will examine how issues and trends in food production, food supply, and food safety affect public health.

HPE 210 PERSONAL HEALTH**3 CREDITS**

Concerned with physiological and psychological topics pertinent to the basic personal health of the college student. Includes such issues as drugs, mental health, alcohol, smoking, birth control, abortion, sexually transmitted diseases, weight control, marriage and the family, and AIDS education. Satisfies Connecticut State Requirements for the Initial Educator Certificate.

HPE 230 INTRODUCTION TO PHYSICAL EDUCATION**3 CREDITS**

Designed to introduce students to professional aspects of physical education. Includes historical highlights, role of physical education in present society, and philosophical and scientific principles that serve as foundations for this subject. Acquaints students with professional organizations, literature, and career opportunities.

HPE 240 INTRO PE CURRICULUM MATERIALS**3 Credits**

PREREQUISITES: HPE 210 AND HPE 230

Students will be introduced to curriculum models, teaching styles, and lesson planning through the development and assessment of physical education motor skill and physical fitness competencies. This course is a prerequisite for all HPE 300- and 400-level courses for physical education teacher education candidates.

HPE 250 LIFEGUARD TRAINING**3 CREDITS**

Provides skill instruction and practice in aquatic safety, equipment based rescues, spinal in-

jury management, and post-rescue care; leads to American Red Cross Lifeguard Certification, includes first aid and CPR for the professional rescuer. Fee required.

HPE 255 WATER SAFETY INSTRUCTOR **3 CREDITS**

For the advanced swimmer. American Red Cross WSI certification available. Fee required.

HPE 260 YOGA INSTRUCTOR **1 CREDIT**

A course designed to provide students with an opportunity to study, experience, and teach yoga in a wide variety of settings. Students will be introduced to yoga history, literature, philosophy, and techniques.

HPE 300 ADVENTURE EDUCATION **3 CREDITS**

Knowledge and skills required to organize and conduct a safe and effective adventure education program. Experience in planning, implementing, evaluating and participating in a variety of adventure education activities.

HPE 303 SPORTS CONDITIONING FOR YOUTH **3 CREDITS**

This course provides coaches of adolescent athletes with information on sports conditioning in the following areas: acceleration and speed, power, strength, flexibility, and muscular endurance. A detailed look at energy system requirements for various sports followed by course content on overload, intensity, and specificity with respect to each component of fitness.

HPE 310 ALCOHOL AND DRUGS IN AMERICAN SCHOOLS AND COLLEGES **3 CREDITS**

This course examines current theories, practices, and risk reduction strategies related to alcohol consumption and other drug use (AOD) in schools and colleges.

HPE 312 GROUP DYNAMICS IN HEALTH EDUCATION **3 CREDITS**

Provides participants with an opportunity to study how to implement group theory and related group dynamics to promote health education. Through various topics and issues, students will be introduced to group theory, group dynamics, interpersonal interactions, effective group participation, group facilitation, and leadership principles.

HPE 315 ADAPTED PHYSICAL EDUCATION **3 CREDITS**

PREREQUISITES: HPE 361 AND HPE 362

ACCEPTANCE TO CARE (SLM 240 AND SLM 329 FOR SPORT AND LEISURE MANAGEMENT MAJORS: SPORT MANAGEMENT ONLY)

Provides an awareness and understanding of individual differences among exceptional populations. Adaptation of instruction to meet the needs of diverse groups is a primary focus. Assessment, individualized educational planning, delivery of services, developmental and prescriptive teaching, and advocacy for the challenged are content areas. Students are required to participate in a field work experience.

HPE 320 SPORTS NUTRITION **3 CREDITS**

This course explores current findings in sports nutrition and the relationship of sports nutrition to athletic performance, exercise physiology, physical fitness and health.

HPE 325 HOLISTIC HEALTH **3 CREDITS**

Overview of holistic health with emphasis on the assessment of personal wellness, planning for healthy living, and the mind-body connection.

HPE 326 STRESS MANAGEMENT**3 CREDITS**

Designed to provide students with a comprehensive approach to stress management. Development of a plan for recognizing the causes of stress and applying effective coping skills and relaxation techniques.

HPE 328 APPLIED ANATOMY AND PHYSIOLOGY**3 CREDITS**

PREREQUISITE: HPE 210 AND HPE 230

The structure of the human body and the mechanical aspects of human motion. Emphasis placed upon the skeletal, muscular, and nervous systems as they relate to movement.

HPE 329 THE PHYSIOLOGICAL BASIS OF MOVEMENT**3 CREDITS**

PREREQUISITE: HPE 328; ACCEPTANCE TO CARE

The function of the human body as it relates to movement. Emphasis on fundamental physiological processes involving bioenergetics, endocrinology, cardiovascular, respiratory, renal, and neuromuscular physiology as they pertain to physical activity.

HPE 331 ORGANIZATION/ADMINISTRATION OF PHYSICAL EDUCATION, ATHLETICS AND RECREATION**3 CREDITS**

Principles and methods of organization and administration of school based programs. Special attention to development of policies, scheduling, choice of activities, purchases and care of equipment, athletic management, and budgeting. Writing intensive.

HPE 335 TECHNOLOGY AND ASSESSMENT IN PHYSICAL EDUCATION**3 CREDITS**

PREREQUISITES: HPE 230, HPE 240, HPE 361 AND HPE 362

Provides the professional student with a practical guide emphasizing the knowledge and competencies for effective testing, measuring, and evaluating school and community physical education and fitness programs.

HPE 361 INDIVIDUAL ACTIVITIES AND GAMES PROFESSIONAL ACTIVITY COURSE**3 CREDITS**

PREREQUISITE: HPE 230 AND HPE 240; ACCEPTANCE TO CARE

A course in physical education pedagogy emphasizing teaching methods and materials in individual activities, games, and sports: tennis, golf, archery, fitness walking, badminton, swimming, track and field, outdoor pursuits.

HPE 362 TEAM ACTIVITIES AND GAMES PROFESSIONAL ACTIVITY COURSE**3 CREDITS**

PREREQUISITE: HPE 230 AND HPE 240; ACCEPTANCE TO CARE

A course in physical education pedagogy emphasizing teaching methods and materials in team activities, games, and sports: basketball, soccer, flag football, softball, baseball, floor hockey, lacrosse, volleyball, team handball, ultimate frisbee.

HPE 363 ELEMENTARY SCHOOL ACTIVITIES AND GAMES PROFESSIONAL ACTIVITY COURSE**3 CREDITS**

PREREQUISITE: HPE 230 AND HPE 240; ACCEPTANCE TO CARE

A course in physical education pedagogy emphasizing teaching methods and materials in individual and group activities and games appropriate for the elementary school: fundamental movement concepts and skills, moving with small equipment, educational games and sport lead-ups, skill themes, educational gymnastics.

HPE 368 EDUCATIONAL DANCE AND GYMNASTICS, STUNTS AND TUMBLING PROFESSIONAL ACTIVITY COURSE **3 CREDITS**

PREREQUISITE: HPE 230 AND HPE 240; ACCEPTANCE TO CARE

A course in physical education pedagogy emphasizing teaching methods and materials in educational dance, creative rhythms, and gymnastics, stunts, and tumbling.

HPE 370 ATHLETIC TRAINING **3 CREDITS**

Designed to cover the prevention, evaluation, treatment and rehabilitation of common athletic injuries. Includes the use of therapeutic modalities, proactive taping, conditioning and rehabilitation exercises.

HPE 400 SPECIAL TOPICS **1-3 CREDITS**

HPE 401 MOTOR DEVELOPMENT **3 CREDITS**

PREREQUISITE: EDU 200, HPE 230 AND 240; ACCEPTANCE TO CARE

This course is designed to introduce concepts of motor development in infants, children, and adolescents to prospective physical education teachers. Students will examine changes in human development behavior across the lifespan, and the factors that contribute to those changes.

HPE 403 COACHING YOUTH SPORTS **3 CREDITS**

Familiarizes students with contemporary principles and practices of organizing and conducting youth sports programs. Medical, legal, and philosophical aspects included. Note: This course does not include the first aid and CPR components necessary for the Connecticut state coaching certification.

HPE 410 INTERNATIONAL DIMENSIONS OF PHYSICAL EDUCATION **3 CREDITS**

This practicum course is conducted in a foreign country and focuses on physical education, athletic, and recreation programs, practices and trends in the host country.

HPE 411 SPORTS IN AMERICAN SOCIETY **3 CREDITS**

PREREQUISITE: WRT 50

Interdisciplinary dimensions of sport in society. Philosophical, psychological and sociological interrelationship of sports, the American culture and the participants in sports programs. writing intensive.

HPE 413 PHYSIOLOGY OF EXERCISE **3 CREDITS**

PREREQUISITE: HPE 329; ACCEPTANCE TO CARE

Study of physiological changes in the human organism due to physical exercise, conditions that affect these changes, and ways they may be controlled.

HPE 437 CURRENT ISSUES IN PHYSICAL EDUCATION **3 CREDITS**

PREREQUISITES: 3.0 GRADE POINT AVERAGE, 60+ CREDITS EARNED

This seminar course will focus on the most recent trends, ideas, and developments in physical education. Topics will vary.

**HPE 441 TEACHING, ORGANIZATION AND ADMINISTRATION OF
ELEMENTARY SCHOOL PHYSICAL EDUCATION** **3 CREDITS**

PREREQUISITES: PERMISSION OF DEPARTMENT CHAIRPERSON; 2.7 G.P.A.
PASSED PRAXIS I

Planning, organizing, administering, and conducting a program of physical education in the elementary school. This seminar course is conducted in an elementary school setting.

**HPE 445 TEACHING, ORGANIZATION AND ADMINISTRATION OF
SECONDARY SCHOOL PHYSICAL EDUCATION** **3 CREDITS**

PREREQUISITES: PERMISSION OF DEPARTMENT CHAIRPERSON; 2.7 G.P.A.;
PASSED PRAXIS I

Planning, organizing, administering, and conducting a program of physical education in the secondary school. This seminar course is conducted in a secondary school setting.

HPE 448 TEACHING HEALTH IN SCHOOLS **3 CREDITS**

PREREQUISITE: HPE 210

Practicum experience in curriculum design, methods and materials of health instruction in schools.

HPE 475 STUDENT TEACHING (PRE K-12) **9 CREDITS**

PREREQUISITES: ADMISSION TO THE TEACHER EDUCATION PROGRAM AND
APPROVAL OF FIELD EXPERIENCE COORDINATOR

Full-time teaching experience for Physical Education major for PreK-12 certification. Graded on credit/no credit basis, and taken concurrently with HPE 476.

HPE 476 PHYSICAL EDUCATION STUDENT TEACHING SEMINAR **3 CREDITS**

This course is designed to enhance the student teaching experience by assisting students in “bridging the gap” between the “theory” of the university coursework and the “practice” of the public school experience. This course will also prepare students in the many expectations that beginning teachers will face in their first years as a physical educator, including the B.E.S.T. program and the portfolio requirements. This course must be taken in conjunction with HPE 475 Student Teaching.

HPE 480 INDEPENDENT STUDY **1-3 CREDITS**

PREREQUISITE: PERMISSION OF DEPARTMENT CHAIRPERSON

For those students who wish to pursue independent research and writing.

HPE 490 UNIVERSITY INTERNSHIP IN PHYSICAL EDUCATION **1-3 CREDITS**

Opportunity to gain on-campus experience in teaching, coaching, or supervising a recreational or sports activity under the guidance of a university professional.

HPE 491 PROFESSIONAL INTERNSHIP **1-3 CREDITS**

Note: This course may be repeated for credit to a maximum of three credits.

Opportunity to gain off-campus teaching, supervision, or coaching experience under the guidance and supervision of a faculty member and in cooperation with a qualified professional in the community.

HPE 492 PRE-PROFESSIONAL INTERNSHIP IN PHYSICAL EDUCATION

1-3 CREDITS

Designed to provide future physical education teachers with a pre-student teaching experience under the direction, guidance, and supervision of a public school physical education specialist.

Professional Courses of Instruction: Sport and Leisure Management

SLM 240 INTRODUCTION: RECREATION AND LEISURE SERVICES

3 CREDITS

An overview of the profession of recreation and leisure services, its history, philosophies, play theories, principles, and types of organizations providing recreation and leisure delivery in modern society.

SLM 250 INTRODUCTION TO HEALTH, FITNESS, AND SPORT SCIENCE

3 CREDITS

An orientation of health, fitness, and sport science including the terminology, historic, and scientific foundations, basic to the disciplines and career preparation. Current issues and future trends in health, fitness, and sport science are included.

SLM 313 SPORT PHYSIOLOGY

3 CREDITS

This course is designed to provide a basic understanding of exercise physiology, physical fitness, and the physiological basis of sport performance, health, and wellness.

SLM 320 ENTREPRENEURSHIP, MARKETING AND COMMUNICATIONS IN SPORTS

3 CREDITS

This course is designed to prepare students with the knowledge base and experience to develop business ventures in fields associated with sport. Special emphasis will be given to product development; promotion via television, radio, print media, direct mail, telemarketing; and the world wide web; strategies in public relations; and the cultivation of an attractive image for a business in sport.

SLM 330 DESIGN, CONSTRUCTION, AND MANAGEMENT OF SPORTS FACILITIES

3 CREDITS

Major emphasis given to the economic impact of sports facilities, emerging trends in design and construction, and the role of the sports manager in optimizing facilities for programming. Field experience required.

SLM 333 INTRODUCTION TO THERAPEUTIC RECREATION

3 CREDITS

PREREQUISITE: SLM 240 OR CONSENT OF INSTRUCTOR

An introduction to recreation services for individuals with disabilities. Exploration of disability rights and issues. Includes specialized leadership, communication techniques, program modification requirements, facilities, equipment and supplies appropriate for the development of therapeutic recreation services.

SLM 340 EXERCISE TESTING AND PRESCRIPTION FOR TYPICAL AND SPECIAL POPULATIONS

3 CREDITS

Designed to prepare students to perform cardiovascular, muscle function, and body composition assessments; interpretation of assessments, prescription of exercise programs and interventions.

SLM 341 PROGRAM DEVELOPMENT AND EVALUATION 3 CREDITS

Examines the nature of leadership skills, basics of human motivation, program leadership styles, the components of program design, and evaluation methodology in a variety of recreation and leisure settings. Field experience required.

SLM 343 PROGRAMMING IN THERAPEUTIC RECREATION 3 CREDITS

PREREQUISITES: SLM 240 AND SLM 333 OR CONSENT OF INSTRUCTOR

A comprehensive study of therapeutic recreation programming in community and institutional settings for persons who are ill and/or disabled.

SLM 345 MANAGEMENT TECHNIQUES: LEADERSHIP AND PROBLEM-SOLVING 3 CREDITS

Systematic and creative approach to the problems and vital issues facing the recreation and leisure practitioner on a daily basis and how to carry out responsibilities for effective service. Field experience required.

SLM 346 SPORT PSYCHOLOGY 3 CREDITS

PREREQUISITE: PERMISSION OF THE DEPARTMENT CHAIRPERSON

A course in the sport and leisure management major program designed to help students understand how psychological factors influence involvement and performance in sport, exercise, and physical fitness settings.

SLM 350 HEALTH/FITNESS TEACHING METHODS AND PERSONAL TRAINING 3 CREDITS

Highlights the teaching processes meeting the needs of clients in a variety of health/fitness settings; emphasis on exercise class and program development, teaching methodology, class management, instructional media, computer applications, evaluation.

SLM 353 LEISURE AND AGING IN THERAPEUTIC RECREATION 3 CREDITS

PREREQUISITES: SLM 240 AND SLM 333 OR CONSENT OF INSTRUCTOR

Leisure needs and perception of the elderly. Implications for therapeutic recreation services in clinical and/or community programs.

SLM 355 MOTOR LEARNING 3 CREDITS

PREREQUISITE: PERMISSION OF DEPARTMENT CHAIRPERSON

A course designed to help students in the sport and leisure management major program understand the fundamental principles and concepts involved in the acquisition and refinement of motor skills/abilities.

SLM 360 RESEARCH METHODS IN SPORT AND LEISURE MANAGEMENT 3 CREDITS

PREREQUISITE: PERMISSION OF DEPARTMENT CHAIRPERSON

A course designed to help students in the sport and leisure management major program understand and evaluate research. Includes the basic concepts, principles, and procedures used in the process of scientific investigation.

SLM 363 ISSUES & TRENDS IN THERAPEUTIC RECREATION 3 CREDITS

PREREQUISITES: SLM 240 AND SLM 333 OR CONSENT OF INSTRUCTOR

An investigation of current societal issues and trends as they relate to therapeutic recreation. Implications for therapeutic recreation services in clinical and community programs.

SLM 365 WORKSITE HEALTH PROMOTION, PLANNING, AND DEVELOPMENT

3 CREDITS

A course designed to enhance the academic preparation of future professionals in the health-fitness field. Major emphasis will be given to the planning, implementation, and evaluation of worksite health promotion programs. A practical experience in a health promotion program setting will take place.

SLM 375 EXERCISE MANAGEMENT FOR DISABILITIES

3 CREDITS

A focus on the area of exercise management relating to chronic diseases and disabilities. Emphasis will be on lecture, supervised practical experiences, case study review, and a review of the scientific literature relating to programming recommendations.

SLM 385 BEHAVIORAL ASPECTS OF LIFELONG PHYSICAL ACTIVITY

3 CREDITS

Highlights the area of physical activity and exercise in the area of adoption and maintenance. Motivational theories and related strategies and interventions related to the adoption and maintenance of physical activity and exercise will be reviewed. Students will be provided the opportunity to transfer and utilize the skills and techniques learned in the classroom setting into a lab/physical activity mentoring setting.

SLM 440 QUANTITATIVE ANALYSIS - FITNESS & SPORT SCIENCE

3 CREDITS

PREREQUISITE: MAT 130

A course designed in the sport and leisure management major programs covering the fundamental principles and concepts involved in quantitative analysis in the areas of fitness and sport science.

SLM 480 INDEPENDENT STUDY

1-3 CREDITS

PREREQUISITE: PERMISSION OF DEPARTMENT CHAIRPERSON

For those students who wish to pursue independent research and writing.

SLM 495 UNIVERSITY INTERNSHIP IN HEALTH FITNESS

1-9 CREDITS

Note: This course may be repeated for credit to a maximum of 12 credits.

Opportunity to gain off-campus experience in a recreational program with emphasis on organization, leadership, and supervision of health fitness activities, under the guidance of a university professional.

SLM 496 PROFESSIONAL INTERNSHIP IN HEALTH FITNESS

1-9 CREDITS

Note: This course may be repeated for credit to a maximum of 12 credits.

This internship course is designed to provide health fitness track majors with a pre-professional experience under the direct and individualized guidance and supervision of a health fitness specialist outside the university setting. Internship sites vary; consent of the department chairperson is required.

LABOR RELATIONS AND HUMAN RESOURCE MANAGEMENT

Peter Bachiochi, *Coordinator*

Objectives

Labor relations and human resource management majors study work and the employment relationship from the perspectives of several disciplines. By providing a broad foundation of theoretical and professional knowledge the program prepares students for careers in labor relations, human resource management, policy analysis and management as well as graduate study or law school.

Admission to the Program

There are no admission requirements for the labor relations and human resource management major. Students who wish to major in labor relations and human resource management should contact the program coordinator. The LHR program coordinator will be the official advisor for all LHR majors.

Degree Requirements

Labor relations and human resource management (LHR) students take courses totaling 45 credits from a variety of departments with at least 9 credits taken from each of 4 groupings of courses. ECO 329 is taken by all LHR majors to satisfy Stage 3 of the university writing requirement (WRT 075 on the degree evaluation). Three credits of an internship course (LHR 490) may be applied to the required 45 credits. The prerequisites for LHR courses do NOT count toward the 45 credits for the major. Also note that taking the required minimum courses for the major will total 39 credits, so you will need to take any two additional courses (6 credits) from the business administration, psychology, or other disciplines groupings below.

Labor Relations and Human Resource Management Major

I. Prerequisites for LHR courses

- ECO 200 Principles of Macroeconomics
- ECO 201 Principles of Microeconomics
- PSY 100 General Psychology
- ECO 215 Statistics for Economics and Business (or another Statistics course)
- BUS 230 Business and Society

II. Courses applied to the Labor Relations and Human Resource Management major (45 credits)

LHR majors must complete at least 45 credits of coursework from the courses listed below and complete the specified minimum number of credits within each cluster of courses.

Economics: 9 credits (3 courses)

- ECO 329 Political Economy of Labor Relations (satisfies the University Writing-Intensive Course requirement)
- ECO 301 Intermediate Microeconomic Analysis

ECO 330 Labor Economics

**Business Administration (Human Resource Management): 9 credits
(3 courses) minimum**

BUS 234 Supervision and Training
BUS 310 Contemporary Issues in Employment Law
BUS 330 Industrial Labor Relations
BUS 331 Organizational Behavior
BUS 333 Human Resource Management
BUS 366 Lean Production Management
BUS 433 Methods of Human Resource Management Development

Psychology: 9 credits (3 courses) minimum

PSY 303 Industrial and Organizational Psychology
PSY 304 Job Satisfaction and Motivation
PSY 305 Leadership in Organizations
PSY 403 Seminar in Diversity at Work
PSY 404 Measuring Work Behavior

Other disciplines: 9 credits (3 courses) minimum

GEO 228 Historical Geography of the U.S.
GEO 337 Economic Geography
SOC 275 The Sociology of Globalization
SOC 358 Sociology of Labor
SWK 310 Alternative Dispute Resolution
ANT 363 Women and Work
HIS 313 The Gilded Age to World War I
HIS 317 Women and Family in Western Society

Internship:

LHR 490 Internship in Labor Relations and Human Resource Management
(3 – 6 credits)

Three credits of LHR 490 may be applied to the 45 credits required for the LHR major. If the internship is taken for 6 credits, 3 may be applied to the LHR major and the remaining 3 will apply to the 120 credits required for graduation

Recommended Course Sequence: Labor Relations and Human Resource Management Major

First Year

ECO 200 Principles of Macroeconomics

ECO 201 Principles of Microeconomics
PSY 100 General Psychology
ECO 215 Statistics for Economics and Business (or another statistics course)
BUS 230 Business and Society
Mathematics, english writing, and other liberal arts program classes

Second Year

At least five 200-level or 300-level courses from the list of courses applied to the labor relations and human resource management major.

Liberal Arts Program and elective classes

Third Year

At least five 300-level or 400-level courses from the list of courses applied to the labor relations and human resource management major

Liberal Arts Program and elective classes

Fourth Year

At least four 300-level or 400-level courses from the list of courses applied to the labor relations and human resource management major including ECO 329.

LHR 490

Liberal Arts Program and elective classes

Courses of Instruction: Labor Relations and Human Resource Management Major

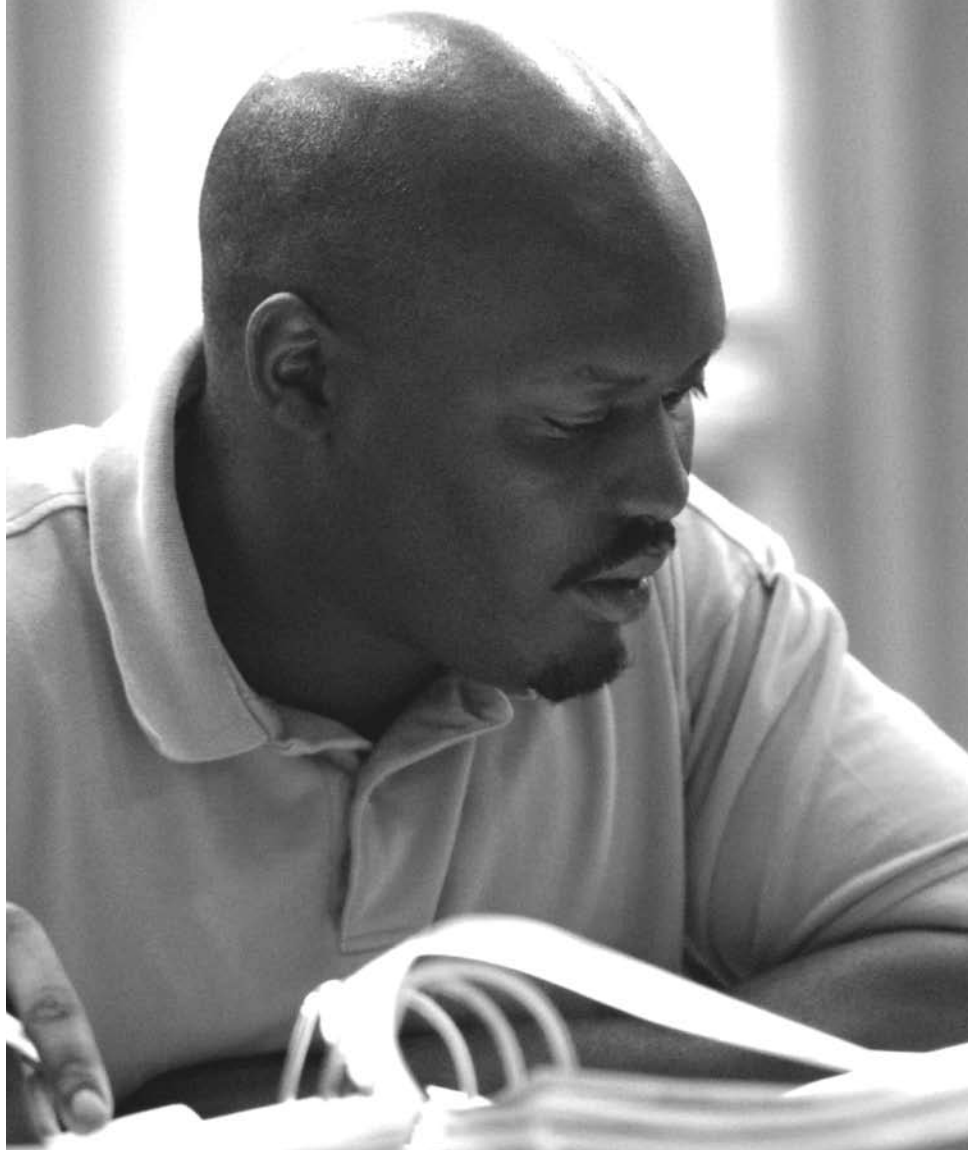
Descriptions of courses other than LHR 490 are listed under the appropriate department section.

LHR 490 INTERNSHIP IN LABOR RELATIONS AND HUMAN RESOURCE MANAGEMENT

? CREDITS

Students will be placed in a union, government organization, nonprofit or business with their assignments having a relationship to human resources, personnel, or management. 3 - 6 credits, 3 may be applied to the 45 required for the major and, if taken for 6 credits, the additional 3 may be applied to the 120 required for graduation.

School of
Continuing Education



The School of Continuing Education

Rochelle P. Giménez, *Dean*

Carol J. Williams, *Associate Dean*

Nancy L. Tarkmeel, *Assistant Dean*

The mission of the School of Continuing Education is to provide a high quality comprehensive approach to serving the educational needs of part-time students at Eastern. We offer access and convenience to interdisciplinary academic programs, liberal arts core curriculum, university resources, and varied educational opportunities. Holistic professional academic advisement and support are provided to a broad community of diverse learners, online or at convenient times and locations on or off campus, delivered year round through a variety of formats. By creating innovative learning communities, the School of Continuing Education enables part-time students to complete their associate's or bachelor's degree in the minimum time possible.

Through a broad range of non-credit on-line programs, training opportunities are provided for professional development which include advanced technical and management training that meet the needs of individuals and businesses in a world of constant economic, social and technological change

Educational services include:

- Academic advisement for part-time undergraduate and all B.G.S. degree students.
- Degree Programs that can be fully completed through late afternoon and evening coursework.
- Availability of classes year-round, day, evening, and weekends.
- The Bachelor of General Studies degree program, an individualized degree for adults that maximizes non-traditional learning options.
- Unique associate's and bachelor's degree options for RNs, LPNs, and other health care professionals.
- Certificate programs in Business Information Systems, Management, Environmental Management and Policy, Sustainable Energy Management and Public Health.
- Recognition of nontraditional credits earned through CLEP/DSST testing, and ACE recommendations for military training.
- Accelerated bachelor degree completion year round.
- The Credit for Lifelong Learning Program that enables adults to earn credit for college-level learning gained through life/work experience.
- CLEP and DSST testing on-campus and at our Groton and Vernon sites.

The School of Continuing Education conducts programs on the main campus in Willimantic, in Groton on Poquonnock Road, at the Naval Submarine Base, and in Vernon/Rockville. In addition, the School of Continuing Education, through its Office of Professional Development, conducts credit-free training programs for individuals and industries throughout the state.

The School of Continuing Education is located in Shafer Hall, Room 100 on South Campus. For information call (860) 465-5125 or toll-free (877) 353-3278 or visit www.easternct.edu/ce. Information on course and registration fees for online credit courses through EasternOnline is also available at www.easternct.edu/ce.

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

The B.G.S. degree is a flexible adult degree program offered through the School of Continuing Education at Eastern. It is available to both full-time and part-time students who are 25 years of age or older at the time of matriculation to the University. It is especially appropriate for those who have gained significant learning through their work/life experience. There is no minimum number of completed credits required for entry into the B.G.S. Program.

Credit requirements for the B.G.S. degree can be met through college coursework (taken at Eastern and other regionally accredited colleges) in combination with nontraditional learning programs such as Eastern's Credit for Lifelong Learning Program, CLEP (College Level Examination Program), DSST testing program, and American Council on Education (ACE) credit recommendations for military training. A maximum of 60 credits may be earned through one or a combination of nontraditional learning options.

Upon entry to the B.G.S. program, each student completes a learning contract with a Continuing Education advisor. This contract outlines the student's proposed plan of study and ensures that all degree and University requirements will be met. A minimum of 30 credits must be earned through actual coursework completed at Eastern. Transfer credits from other colleges and universities can be easily incorporated into the B.G.S. degree; there is no time limit on when transfer courses were taken. For further information about the B.G.S. Program, contact the School of Continuing Education at (860) 465-5125.

The Fast Track version of the B.G.S. degree program is offered for busy professionals who already have 60 or more prior college credits. Students in the Fast Track register for a suggested core of courses, either online or in person in seven-week blocks, two nights per week or on Saturdays, and then work with advisors to find efficient ways to complete additional course work required for the bachelor's degree. Students are encouraged to earn elective credits via CLEP or DSST tests, through Eastern, or by transferring additional credits. Suggested core courses are available for persons interested in the fields of Management and Human Services as well as in Environmental Management and Policy and Sustainable Energy Management. Core courses for some major concentrations are available at the School of Continuing Education sites in Groton and in Vernon/Rockville as well as at regional community colleges.

Requirements for the B.G.S. Degree

Liberal Arts Core Curriculum	up to 46
Major Concentration (<i>a minimum of 15 credits in the major concentration must be taken at Eastern</i>)	30
Minor Concentration	15
Electives	28-31
Total minimum	120 credits

Note: One of the two required B.G.S. concentrations must be from a discipline in the School of Arts and Sciences.

1. Degree Programs for LPNs, RNs and Other Health Care Professionals

The School of Continuing Education offers a variety of degree options for health care professionals who have already completed training in a health care profession. These degree programs are available to both full and part-time students.

I. LPNs and Licensed/Certified Health Care Professionals

Both associate and bachelor degree programs are available for LPNs, dental hygienists, medical laboratory technicians, radiological technologists, and respiratory therapists who

received their diploma/license or accredited training outside of a two-year community college program. Eastern awards 30 transfer credits for this previous training that can be combined with college coursework and CLEP/DSST to meet degree requirements. At least 15 credits must be completed in coursework through Eastern to earn the Associate of Science (A.S.) degree for health care professionals and at least 30 credits through Eastern to earn a bachelor's degree.

Bachelor's degree students can choose to complete either a 30-credit individualized concentration within a B.G.S. degree or any major program available through Eastern. Please note: The completion of some majors may require students to exceed the minimum 120 credits indicated below for the B.A. or B.S. degree. Students interested in teacher certification should consult with the Education Department.

A. Requirements for A.S. Degree for Health Care Professionals

Transfer credit for LPN license and diploma; dental hygiene license and diploma; or accredited training in medical laboratory technology, radiological technology and respiratory therapy, 30

Liberal Arts Core Curriculum	up to 39
Total minimum	60 credits

B. Requirements for B.G.S. degree

Transfer credit for LPN license and diploma; dental hygiene license and diploma; or accredited training in medical laboratory technology, radiological technology, and respiratory therapy, 30

Liberal Arts Core Curriculum	up to 40
Concentration (<i>at least 15 credits must be taken at Eastern</i>)	30
Electives	
Total minimum	120 credits

C. Requirements for B.A. or B.S. Degree

Transfer credit for LPN license and diploma; dental hygiene license and diploma; or accredited training in medical laboratory technology, radiological technology, and respiratory therapy.

Liberal Arts Core Curriculum	up to 42
Major (<i>at least 15 credits must be taken at Eastern unless otherwise required by the major dept</i>)	30-54
Electives	
Total minimum	120 credits

II. Diploma RNs

RNs who completed their training through a hospital diploma program are awarded 60 credits toward a specially designed bachelor's degree program. They have the choice of completing either a 24-credit individualized concentration within a B.G.S. degree or any major program offered by Eastern.

Please Note: The completion of some majors may require students to exceed the minimum credits indicated below for the B.A. or B.S. degree. Students interested in teacher certification should consult with the Education Department. At least 30 credits must be completed in

coursework through Eastern to earn a bachelor's degree.

A. Requirements for B.G.S. degree	Credits
Credit for RN License	60
Liberal Arts Core Curriculum	up to 40
Concentration (<i>at least 15 credits must be taken at Eastern</i>)	24
Electives	
Total minimum	120 credits

B. Requirements for B.A. or B.S. degree	Credits
Transfer/Credit for RN License	60
Liberal Arts Core Curriculum	up to 40
Major (at least 15 credits must be taken at Eastern unless otherwise required by the major department)	30-54
Electives	
Total minimum	120 credits

III. Associate Degree RNs and Other Associate degree Health Care Professionals

RN's and other health care professionals who have completed their training through an associate degree program will receive full transfer credit for their two-year degree. They can choose to complete either a 24-credit individualized concentration within a B.G.S. degree or any major program offered through Eastern. Note: The completion of some majors may require students to exceed the minimum 120 credits indicated below for the B.A. or B.S. degree. Students interested in teacher certification should consult with the Education Department. At least 30 credits must be completed in coursework taken through Eastern to earn a bachelor's degree.

A. Requirements for B.G.S. degree	
Liberal Arts Core Curriculum	up to 40
Concentration (at least 15 credits must be taken at Eastern)	24
Electives	56
Total minimum	120 credits

B. Requirements for B.A. or B.S. degree	
Liberal Arts Core Curriculum	up to 40
Major (at least 15 credits must be taken at Eastern unless otherwise required by the major department)	30-54
Electives	26-50
Total minimum	120 credits

The Associate Degree Program

The Associate of Science (A.S.) degree is available only to students with fewer than 60 credits who are officially matriculated in the associate degree program at Eastern. Juniors and seniors currently matriculated in good standing for the baccalaureate degree are not eligible to apply for the associate degree. The associate degree program can be completed on either a full-time or part-time basis. All associate degree students plan their program with an advisor in the

School of Continuing Education. Students in the regular associate degree program complete a two-year or 60-credit planned program of study that includes a 15-credit concentration. The area of concentration must be declared by the time a student has completed 30 credits. A student must complete a minimum of 15 credits in coursework at Eastern in order to earn an associate Degree. In addition, at least 15 credits within the degree must be in courses numbered at or above the 200-level.

Graduates of the associate degree program are considered alumni. They may continue in a bachelor degree program immediately upon conferral of the associate degree and submission of an approved continuation of study form available from the registrar or the School of Continuing Education.

Requirements for the A.S. Degree

Liberal Arts Core Curriculum*	up to 38
Concentration (five courses)	15
Electives	7
Total minimum	60 credits

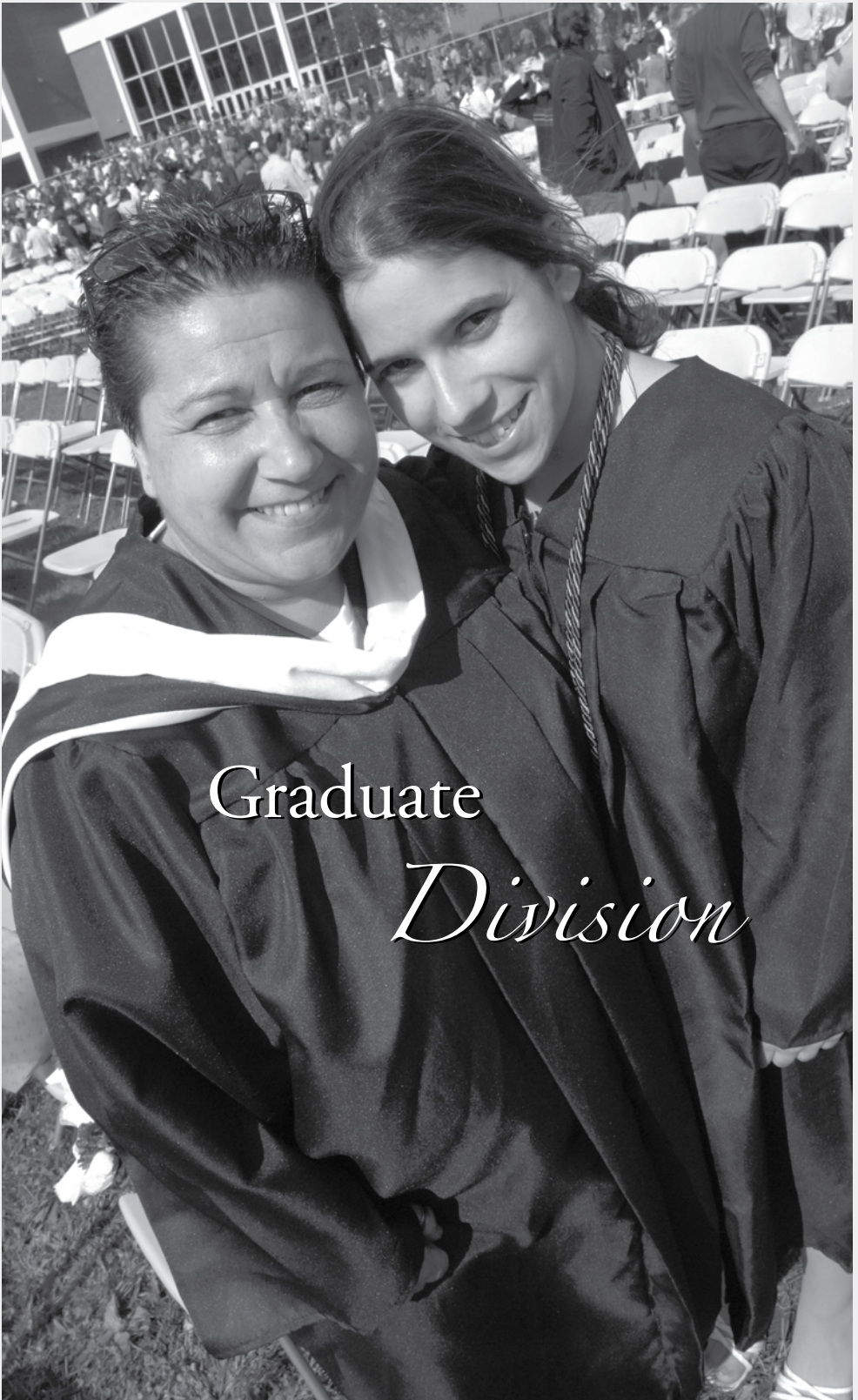
NOTE: A.S. degree students are not required to complete a foreign language. Students must complete at least two Tier II Liberal Arts Core courses at Eastern. Students transferring 30 or more credits are exempt from the First Year Colloquium; students transferring 60 or more credits are exempt from the 100-level Health and Wellness requirements.

Certificate Programs

Undergraduate certificate programs are available through the School of Continuing Education for individuals who want to study a specific area in a shorter period of time than would be required to earn a degree. All courses in a credit certificate program may be applied to a degree program at a later date. Certificate programs are open to high school graduates as well as to baccalaureate degree holders. Certificate programs include: Business Information Systems, Environmental Management and Policy, Management, Public Health and Sustainable Energy Management. Visit www.easternct.edu/ce for details.

Office of Professional Development

The Office of Professional Development within the School of Continuing Education provides hands-on training for students who understand the value of expanding their skills. The office is committed to providing the highest quality education available at an affordable price. Courses are designed to meet personal and professional needs, including career track certificate programs, and Continuing Education Credits (CEUs). Visit www.easternct.edu/ce to view non-credit course offerings.



Graduate

Division

Graduate Division

Jamie S. Gomez, *Dean, School of Education and Professional Studies*
Charles R. Webb Hall

The graduate programs at Eastern Connecticut State University are administered by the Graduate Division of the School of Education and Professional Studies. The Graduate Division offers seven graduate programs leading to a Master of Science Degree.

The Department of Business Administration offers one Master of Science Degree:

- Master of Science Degree in Organizational Management

The Department of Education offers six Master of Science Degrees:

- Master of Science Degree in Early Childhood Education
- Master of Science Degree in Educational Technology
- Master of Science Degree in Elementary Education
- Master of Science Degree in Reading/Language Arts
- Master of Science Degree in Science Education
- Master of Science Degree in Secondary Education

GRADUATE APPLICATIONS AND ADMISSIONS

Applications for admission can be obtained electronically by visiting the Graduate Division website at www.easternct.edu/graduate/applications.htm or via e-mail at graduateadmissions@easternct.edu. If you do not have access to the Internet, you may request an application by calling (860) 465-5292 or writing to the Graduate Division, Eastern Connecticut State University, 83 Windham Street, Webb Hall, Room 160, Willimantic, CT 06226.

The Graduate Division has a rolling admission process. However, applicants are urged to submit completed applications and credentials by the priority deadlines. Priority deadlines are July 6 for fall semester admission, November 3 for spring semester admission, and May 15 and June 26 respectively for summer semester admission. When priority deadlines fall on a weekend or holiday, applications are due the following business day.

GRADUATE ADMISSION REQUIREMENTS

All applicants for degree status must submit:

1. A nonrefundable application fee of \$50.
2. A completed and signed Application for Admission to Graduate Study.
3. A personal statement of academic and career goals as they relate to the program.
4. Two letters of recommendation from individuals knowledgeable about the applicant's abilities to complete graduate work.
5. Official undergraduate/graduate transcript(s) from all institutions above high school, with certified English translations of any documents not written in English.

International applicants must also submit:

- Proof of financial support

Applicants whose native language is not English must also submit:

- A minimum score of 550 (paper-based) or 213 (computer-based) on the Test of

English as a Foreign Language (TOEFL)

Applicants for non-degree status need submit only a completed Application for Admission to Graduate Study and an official transcript indicating degree conferred of undergraduate programs. No application fee applies for non-degree status.

ADDITIONAL ADMISSION REQUIREMENTS

Graduate Admission Requirements for the Master of Science (M.S.) Degree Programs in Education

Applicants seeking admission to a graduate program must have a bachelor's degree from an accredited institution and have a minimum undergraduate GPA of 2.70. Their record must show evidence of professional promise and ability to do graduate-level study.

In addition to the requirements above, all applicants must submit:

1. A statement of educational philosophy and professional goals.
2. After submitting a graduate admissions application, applicants for the M.S. programs with certification must submit an application to the Teacher Education Program via the Committee on Admission and Retention in Education (CARE). All teacher candidates seeking admission into a certification program must be formally admitted into CARE. This committee is responsible for the admission process and also monitors teacher candidate progress after admission. CARE applications can be obtained from the Education Department in Webb Hall Room 124.
3. Applicants to all Secondary Education programs with certification must submit Praxis II scores (passing), in the corresponding content area, with the application for admission.

Graduate Admission Requirements for the Master of Science (M.S.) Degree in Organizational Management

Applicants seeking admission to the graduate program in Organizational Management must have a bachelor's degree from an accredited institution and have a minimum 2.70 undergraduate GPA. Their record must show evidence of professional promise and ability to do graduate-level study. Admission is on a limited, competitive basis. No more than 25 students will be admitted per semester. Work experience is considered in the admission decision.

In addition to the requirements above, all applicants must submit:

1. A case study analysis.
2. Evidence of work experience (resume).

ADMISSION DECISIONS

Upon evaluation by the Dean of the School of Education and Professional Studies, all applicants will be notified in writing of their admission to the Graduate Division. At that time, graduate students will be assigned an advisor and will be expected to complete a written program of study within three months.

Acceptance of graduate coursework taken prior to admission is conditional upon review by the assigned graduate advisor and approval by the Dean of the School of Education and Professional Studies. Graduate students and teacher candidates must formally request that courses taken prior to application to the graduate program be accepted. This must be written into the Plan of Study. Graduate students are expected to work closely with an advisor while completing their Plan of Study.

Appeal of Admission Decision

Applicants may appeal an admission decision by submitting a written appeal to the Dean of the School of Education and Professional Studies. Applicants will be notified of the outcome of their appeal in writing.

GRADUATE EXPENSES

The schedule of tuition and fees is valid at the time of publication of the catalog and is subject to change as required. The following fees are for the Fall 2010 and Spring 2011 academic year.

Application Fee **\$50.00**

This nonrefundable fee is required of all new degree students and is payable at the time of application for admission.

Tuition and Fees (per semester), subject to change as required.

Full-time students (9 semester hours or more)

Connecticut Residents*

Tuition	\$2,188.50
State University Fee	439.50
University General Fee	1,301.50
Student Activity Fee	80.00
Information Technology Fee	125.00
TOTAL	\$4,134.50

Out-of-State Students*

Tuition	\$6,097.50
State University Fee	1,078.50
University General Fee	1,301.50
Student Activity Fee	80.00
Information Technology Fee	125.00
TOTAL	\$8,682.50

* Sickness Insurance Fee (estimated annual) **\$625.00**

*For students entering in the Spring 2011 Semester, the sickness insurance fee is expected to be \$330.00. For waiver qualifications see Waiver of Sickness Insurance in the undergraduate expense section.

Part-time students (less than 9 semester hours)

Tuition (per credit)	\$388.00
Registration fees (per semester, non-refundable)	\$35.00
Audit Fee (per credit)	\$388.00

Online Courses

Information on course and registration fees for online courses is available at www.onlinecsu.ctstateu.edu.

Late Fee**\$50.00**

This fee may be charged to students who pay their fees or register after the established deadlines.

Returned Check Fee**\$25.00**

This fee will be charged for any checks which are not honored by banks.

Note: Per University policy, applicants who hold a bachelor's degree must pay graduate tuition for both undergraduate and graduate-level coursework.

Transcript Fee**\$30.00**

A one-time charge for first-time students that gives them unlimited access to their academic transcripts.

Financial Aid

Financial assistance includes grants, loans, scholarships, and employment. Financial aid information may be obtained from the Financial Aid Office in the Woods Support Services Center or from the website. Both full and part-time students are eligible to apply.

Graduate Assistantships

Graduate assistantships, full-time and part-time, may be available to graduate students. For further information and an application, contact the Graduate Division office.

GRADUATE ACADEMIC POLICIES**Academic Honesty**

Integrity of scholarship is the cornerstone of the structure of the University. All students are expected to exhibit absolute honesty in all aspects of their academic life. Presenting work of another without acknowledgement, even in some modified form, is plagiarism. Violations of this tenet or any other form of academic dishonesty will be subject to penalty. Additional information and procedures can be found in the Eastern Connecticut State University Student Handbook.

Academic Standing: Warning, Probation, and Dismissal

Quality of work by individual students is ensured by the standard of a minimum grade point average of 3.00 ("B") to continue in matriculated status and to graduate. Students are subject to dismissal from graduate programs if a) their overall grade point average falls below 3.0, b) nine semester hours of "C" are earned in the accumulation of credits necessary to graduate or c) grades of "C" or below are earned in consecutive courses. Students who become subject to dismissal will be notified of action taken by the Dean of the School of Education and Professional Studies. Regular warning, probation and dismissal procedures are used to discourage unqualified students from persistent enrollment in courses.

Audit Policy

If space permits, students admitted to the Graduate Division may audit a course with written approval from the instructor and his/her advisor. A Course Audit Contract form must be returned to the Registrar's Office at the time of enrollment. Students auditing a course pay the graduate tuition and fees. Full-time students wanting to audit a course must carry a minimum of nine (9) credits of non-audited courses.

Students who audit courses should do so with the intention of attending all class sessions and fulfilling work agreed upon in advance with the instructor. All permissions and registrations for auditing courses must be filed with the Registrar's Office before the first class session. Audit status may not be changed to credit status. A student may take a course for audit that

previously had been taken for credit. With an advisor's permission, audited courses may be taken for credit during a later semester. The designation of "æAU" will be placed on the transcript indicating that the audit occurred.

Culminating Experiences: Comprehensive Examinations, Portfolios and Seminars

All graduate students must successfully complete a culminating experience after all other required coursework and electives have been completed.

Students majoring in an education field have the option of completing either a portfolio or a thesis as their culminating experience.

All students who choose the portfolio option will complete a capstone portfolio in EDU 570: Capstone Seminar. In addition students in the Master of Science in Educational Technology will complete an additional portfolio reflecting the national standards of their discipline: students in Educational Technology will complete an electronic portfolio demonstrating mastery of the National Educational Technology Standards.

Graduate students who do not pass the capstone portfolio may rewrite and resubmit the same semester. If a student fails for a second time, no additional opportunities to resubmit the portfolio will be given and no degree will be granted.

Students majoring in Organizational Management have the option of completing either a comprehensive examination or a thesis. Thesis expectations are outlined later in this section. Those students taking the comprehensive exam in Organizational Management who fail three or more of the five exam questions are considered to have failed the entire exam. Students who fail one or two questions will have the opportunity to be reexamined on those content areas within 30 days. Failure of either one or both of the repeated content areas will result in failure of the entire exam.

Course Load

Graduate students are classified as full-time or part-time depending upon the number of semester hours for which they enroll. A full-time student must register for a minimum of nine (9) semester hours; part-time students register for fewer than nine (9) semester hours.

The maximum load for a graduate student is twelve (12) credit hours. Exceptions to the credit load maximum can be requested by petitioning the Dean of the School of Education and Professional Studies in writing. Audited courses do not count toward the minimum credit hours for classification as a full-time student. Reducing the course load below nine (9) credits will result in a change of status to part-time and can affect a student's financial aid, approved plan of study and/or visa status. As a result, students should contact the appropriate University department (e.g., the Office of Financial Aid, International Programs) before reducing the total number of credits taken in a semester.

Grade Appeals

A student may appeal the final grade given in a course. Explicit information about the procedures for initiating this process can be found in the Eastern Connecticut State University Faculty Handbook and Eastern Connecticut State University Student Handbook.

Grading System

The graduate program at Eastern operates on a four-point marking system with the following values assigned to the letter grades:

A= 4.0 Superior Performance

A- = 3.7

B+ = 3.3

B = 3.0 Expected Performance

B- = 2.7

C+ = 2.3

C = 2.0 Below Graduate Standards

C- = 1.7

D+ = 1.3 Unacceptable

D = 1.0

F = 0.0

I (Incomplete) = 0.0

W (Withdrawal) = 0.0

AU (Audit) = 0.0

No graduate credit is awarded for grades below "C."

Incompletes

Upon request of the student, instructors may award the grade of "I" when students are temporarily unable to fulfill course requirements. It is each student's responsibility to complete the work within six weeks after the beginning of the first full semester following the granting of the "I." If a grade is not submitted by the deadline, the "I" automatically becomes an "F." The granting of an incomplete is not guaranteed.

Independent Study/Readings and Research

Directed independent study/readings and research may be taken with the permission of the advisor, identified faculty member, and the appropriate department chair. A student may not register for more than six (6) credits of independent study/readings and research throughout his/her graduate program.

Students and faculty directors of independent study/readings and research are responsible for defining projects and justifying them as independent study/readings and research projects.

Application forms for independent study/readings and research must be completed prior to the beginning of the semester when the study will take place. Forms are available in the Graduate Division. Independent study/readings and research may be appropriate when one or more of the following factors prevail:

- The University does not offer coursework related directly to a proposed study within the student's area of interest;
- The topic to be studied is interdisciplinary and courses are unavailable; or
- The student has taken all the course work available in his/her field of interest.

Intent to Graduate

Graduate students who plan to complete their degree requirements for graduation in August, December, or May must submit an Intent to Graduate form to the Dean of the School of Education and Professional Studies, by the deadlines published in the Academic Calendar. Forms are available in the Graduate Division or electronically at www.easternct.edu/depts/graduate/ad-forms.htm.

International Students

International students must meet all of the requirements for admission to the Graduate

Division as well as any particular requirements of the program to which they are seeking admission. In addition, international students must meet these requirements:

- Hold the equivalent of a United State's bachelor's degree from an internationally recognized institution of higher education. The degree must be documented with certified copies of all academic coursework, graduate and undergraduate. The records must be translated into English by a record translation agency and presented in a form usable by a United States university.
- Provide a completed Financial Eligibility Statement, provided by Eastern Connecticut State University, and documentation in English to verify financial capability and responsibility.
- If applicants are not native English speakers, they must provide a proof of competency in English by earning a minimum score of 550 (paper-based) or 213 (computer-based) on the Test of English as a Foreign Language (TOEFL). Students need to request that a copy of the score be sent to the Graduate Division of Eastern Connecticut State University.

Leave of Absence

A six (6) year time limit for degree completion is imposed on graduate students. If extenuating circumstances occur that inhibit the ability of a student to move forward in a timely manner toward degree completion, a leave of absence can be requested. Leaves of absence are granted to graduate students who must interrupt their six-year planned completion deadline. Leaves of absence are approved for not less than one full semester and may not exceed four semesters (a cumulative total of two years) to students who intend to return to the University.

Leave of Absence Forms are available from and should be returned to the Dean of the School of Education/Professional Studies and Graduate Division. Students must specify the semester in which they plan to return.

A leave of absence is recorded on the student's official transcript.

Matriculation

Matriculation is formal admission to the Graduate Division. All students must matriculate in order to take graduate courses. This includes those individuals who are not seeking a degree. Matriculated degree students are those individuals who have met all requirements and have been admitted into a program leading to a Master of Science degree. Matriculated non-degree students are those individuals who have met all requirements and have been admitted to the Graduate Division, but are not enrolled in a degree-granting program.

Non-Degree Status

Students seeking additional course hours who do not wish to enroll in a degree-granting program can apply for non-degree status. Non-degree applicants must meet all requirements established by, and be admitted into, the Graduate Division. Individuals in this category can accrue a total of nine (9) credit hours. After the accumulation of nine (9) credit hours the individual must apply for, and meet specific requirements for, a degree-granting program. Non-degree students who fail to take courses for two successive semesters will be considered inactive. Students seeking to re-enroll will be required to petition for readmission.

Permission to Enroll in EDU 570

EDU 570: Capstone Seminar is designed to be the last course in all graduate programs in ed-

ucation at Eastern Connecticut State University. To obtain permission to enroll in EDU 570, graduate students will be expected to complete the Permission to Enroll in EDU 570: Capstone Seminar form through consultation with their graduate advisor. The form is available online at: www.easternct.edu/depts/graduate/documents/SpecialPermissionForm-EDU570.pdf.

Permission requests to enroll in the Capstone Seminar may be completed via email between the student and advisor. A copy signed by the advisor will be sent to the student and placed in the advisor's file. Students must include their approved EDU 570 permission form when submitting their registration either in-person, via mail, or fax to the Registrar's Office. Web registration for EDU 570 is not available.

Program of Study

Once a student has been admitted to a graduate degree program, the student must meet with his/her faculty advisor to develop a Plan of Study. This Plan of Study documents the courses and other degree requirements the student must complete prior to graduation. The student and his/her advisor sign and submit the document to the dean of the School of Education and Professional Studies, for approval within three (3) months of being accepted into a graduate program. A copy of the finalized document is maintained in the student's permanent file. Any changes to the Plan of Study must be submitted to the student's advisor and the dean for approval prior to registering for courses that are not part of the already approved plan. Forms are available in the Graduate Division or electronically at www.easternct.edu/depts/graduate/ad-forms.htm.

Provisional Status

Teacher candidates admitted to the Graduate Division on provisional status will be allowed to enroll for a maximum of twelve (12) credit hours. Acquiring provisional status does not guarantee the individual full admission into a graduate program. In order to move from provisional status into full status, students must apply for and be accepted to CARE without restriction. Other conditions for admission to full status are stated in the letter of acceptance sent to the student.

Repeating Courses for credit

In general, graduate students may not repeat courses for credit. The following exceptions apply:

Students may repeat graduate level courses for credit and drop the earlier grade under the following conditions:

- A student who has gone beyond the 6-year degree completion limit may repeat a course so that it is within the time limit.
- A student who originally received a B-, C+, C, C-, D+ may repeat the course so long as the student
 1. Has not previously repeated a course for credit,
 2. Has an overall GPA of 3.0 or above,
 3. Has not received any F's

This exception is allowed only once during the Master program.

Note: A student in the M.S. with Teacher Certification who receives a C- or below must

repeat the course to remain in good standing with the certification program. According to CARE policies, the student cannot continue with her/his program of study until the course has been repeated and the grade is above a C-.

The Dean of the Graduate Division, in consultation with the student's advisor, may allow additional exceptions in extenuating circumstances, but in that case, both grades will be counted in the student's GPA.

Each student's transcript will show all grades earned, regardless of whether they are counted in the GPA.

Repeating courses for no credit: See the course audit policy.

Thesis

Graduate students majoring in an education program or organizational management may pursue the option of writing a thesis. Students who opt for thesis writing do not produce the comprehensive exam. Thesis writing must be done under the close supervision of a faculty thesis advisor. Students must register for EDU, RLA or ORG 698 (Thesis I) and EDU, RLA or ORG 699 (Thesis II). Application forms for the thesis must be completed and signed by the student, the thesis advisor, department chairperson, and submitted to the dean of the School of Education and Professional Studies, for approval prior to registration for these courses. Forms are available in the Graduate Division. Students must submit draft and final copies of the thesis to the dean of the School of Education and Professional Studies, for approval according to established deadlines as published in the academic calendar.

Time Limit

Graduate programs must be completed within a period of six years. This time limit begins upon registration for the first graduate course. Transfer credit and graduate courses taken under non-degree student status are included in this time period. Students who do not complete the degree within the established time limit risk the forfeiture of the accumulation of credit hours and any other privileges associated with graduate status. Students requesting an extension to the time limit should complete the Time Limit Extension Request form and submit it to the Office of the Dean, School of Education and Professional Studies. The dean must approve all requests for extensions. Approval is not guaranteed.

Degree candidates who fail to take courses for two successive semesters will be considered inactive and will be required to petition for readmission should they decide to continue with their graduate studies. If extenuating circumstances exist, students should request a leave of absence in an effort to avoid loss of time and/or course credit.

Transfer Credit

The student's advisor and the dean of the School of Education and Professional Studies, must approve transfer credit. Failure to secure approval may result in loss of credit hours. Transfer credit may be approved when:

- Graduate courses were taken by the petitioner after the award of an undergraduate degree;
- Graduate courses have been completed at an accredited institution;
- Graduate courses carry a grade of "B" or higher;
- Graduate courses are related to the student's graduate program of study at Eastern; and
- Graduate courses are within the time limit prescribed.

No more than nine semester hours may be transferred from other institutions. An additional six semester hours may be accepted from graduate programs in the Connecticut State University System. Request for Transfer Credit Forms are available in the Graduate Division or electronically at www.easternct.edu/depts/graduate/ad-forms.htm. Official transcripts must accompany all requests for transfer credits.

A partnership between the Alternate Route to Certification (ARC) Program and Eastern Connecticut State University provides successful ARC completers the opportunity to transfer a total of 12 credits to one of Eastern's 30-credit master's degree education programs. If admitted to a master's program at Eastern, the ARC-Eastern Articulation Agreement gives transfer credit for EDU 511, EDU 553, EDU 555, and EDU 582 only.

Undergraduate Students Requesting Graduate Courses

A limited number of undergraduate students may take graduate-level courses. Only seniors with a GPA of 3.0 or greater will be allowed to petition to take graduate courses. The dean of the School of Education and Professional Studies, must approve all requests by undergraduate students to take graduate-level courses. Approval is not guaranteed. Undergraduate students wanting to apply under this provision must submit the following to the Graduate Division in writing:

- Personal statement of intent and accomplishments; and
- Senior Permission to Register for Graduate Course form.

Please note that credits earned in graduate-level courses will be applied toward the undergraduate degree and cannot be counted toward a master's degree at Eastern Connecticut State University.

Withdrawal from a Course

Graduate students who find it impossible to continue study in a course in which they are officially registered may withdraw in consultation with the faculty of record, their advisor and the Dean of the School of Education and Professional Studies. In such instances the student is given the grade of "W." All withdrawal requests must be made by the deadline published in the academic calendar.

Graduate Programs

Eastern Connecticut State University offers seven Master of Science degree programs.

The Master of Science in Organizational Management is a degree for professionals in management, in both the private and public sectors, who seek to expand their knowledge and enhance their careers.

The Master of Science in Education offers certified teachers advanced study in early childhood education, elementary education, secondary education (with concentrations in biology, environmental earth science, english, history, social studies, and math), and reading/language arts. The School of Education and Professional Studies offers combined Master of Science degree programs and graduate-level teacher certification in early childhood education, elementary education, and secondary education (with concentrations in biology, environmental earth science, english, history, social studies, and math). In addition, the Master of Science in Education offers the opportunity for advanced study in Educational Technology and Science Education.

MASTER OF SCIENCE DEGREE PROGRAMS IN EDUCATION

Master of Science Degrees are offered in:

- Early Childhood Education
- Educational Technology
- Elementary Education
- Reading/Language Arts
- Science Education
- Secondary Education

Each degree program has a required plan of study that must be developed by the candidate and his/her faculty advisor within three months after admission. Graduate candidates may change their plan of study only with approval of their advisor and the dean of the School of Education and Professional Studies.

Eastern Connecticut State University is accredited by the National Council for Accreditation of Teacher Education (NCATE).

Capstone Portfolio

This culminating experience focuses on the process of actively constructing knowledge, skills, and dispositions, applying these to real-life classroom circumstances and dilemmas, and continually modifying these in the face of new discoveries and experiences. It is the presentation of a personally constructed knowledge base, displaying one's unique competencies as a teacher and an articulation of one's attitudes and beliefs about learning and teaching. It is also a demonstration of how one's beliefs, attitudes and skills have changed and developed as a result of graduate study.

Master of Science in Early Childhood Education

This master's degree program provides advanced study for practitioners for teaching and careers in early childhood education, including preschool, kindergarten, primary grades, and comprehensive childcare programs.

Master of Science in Early Childhood Education – Program Requirements

Graduate Core: (6 credits)

- EDU 508 Research in Education
- EDU 555 Education and Society

Professional Preparation Courses: (21 credits)

- ECE 500 Advanced Study of Early Childhood Development
- ECE 501 Families, Communities and Culture
- ECE 504 Early Childhood Curriculum

Literacy Option (Select one):

- ECE 503 Language and Literacy
- or
- ECE 507 Reading and Writing in the Primary Years

Special Education Option (Select one):

- ECE 505 Young Children with Special Needs
- or
- ECE 506 Adaptations for Diverse Needs

Curriculum Option (Select two):

- ECE 509 Seminar for Preservice Teachers
- ECE 510 Math and Science in Early Childhood Education (required)
- ECE 512 Technology in the Early Childhood Classroom (required)

Culminating Examinations: (3-6 credits)

- EDU 698 Thesis I
- and
- EDU 699 Thesis II
- or
- EDU 570 Capstone Seminar with Capstone Portfolio

Total 30 Credits

Master of Science in Educational Technology

The Master of Science Degree in Educational Technology program is designed to integrate educational technology applications within the expertise of professional educators as they prepare their students for success in a highly technological and rapidly changing world.

Master of Science in Educational Technology - Program Requirements

Graduate CORE Seminars: (12 credits)

- EDU 508 Research in Education
- EDU 511 Learning and Teaching: Concepts and Models
- EDU 545 Curriculum Development and Evaluation
- EDU 555 Education and Society

Educational Technology CORE Seminars: (6 credits)

EDU 553 Computers in the Classroom and the Curriculum

EDU 577 Educational Computing – Theory and Practice

Select one of the following curriculum emphases: (6 credits)

I. Educational Technology Supervision in Schools Emphasis

Select two of the following:

EDU 620 Technology Planning and Evaluation

EDU 621 Supervision of Teaching and Learning in Educational Technology

EDU 622 Administrative Applications of Educational Technology

EDU 624 Social, Legal, and Ethical Issues in Educational Technology

RLA 526 Children's Literature: A Reader Response Perspective

Other elective by advisement - _____

and

EDU 570 Capstone Seminar with Capstone Portfolio

and

EDU 696 Research and Readings

and Comprehensive Portfolio

II. Educational Technology and Special Education Emphasis

EDU 582 Teaching Exceptional Learners

and select one of the following:

EDU 610 Assessment in Special Education

EDU 611 Methods of Teaching Special Education Learners

EDU 612 Assistive Technology

Other elective by advisement - _____

Other elective by advisement - _____

and

EDU 570 Capstone Seminar with Capstone Portfolio

and

EDU 696 Research and Readings

and Comprehensive Portfolio

III. Educational Technology Applications in Curriculum Emphasis

Select two of the following:

EDU 554 LOGO: A Programming Language

EDU 557 International and Cross-Cultural Education

EDU 580 Productivity Tools and Curriculum Application

EDU 582 Teaching Exceptional Learners

EDU 620 Technology Planning and Evaluation

EDU 621 Supervision of Teaching and Learning in Educational Technology

EDU 624	Social, Legal, and Ethical Issues in Educational Technology
RLA 526	Children's Literature: A Reader Response Perspective

Other courses - selected through advisement

and

EDU 696	Research and Readings
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and

EDU 570	Capstone Seminar and Comprehensive Portfolio
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Master of Science in Elementary Education

This master's degree program is designed to meet the needs of teachers who are already certified and are interested in advanced studies for teaching and careers in elementary education.

Master of Science in Elementary Education – Program Requirements

Assessment & Measurement (6 credits)

EDU 550	Measurement & Evaluation (3) (required)
EDU 508	Research in Education (3) (required)
or	Choose one below if EDU 508 is already on transcript
EDU 551	Statistics (3)
EDU 610	Assessment in Special Education (3)

Teaching, Learning, & Society (6 credits)

EDU 511	Learning and Teaching: Concepts and Models (3)
EDU 555	Education and Society (3)
EDU 572	Philosophy of Education (3)
EDU 621	Supervision of Teaching and Learning with Technology (3)

Teaching Special Learners (3 credits)

EDU 581	Teaching the Gifted and Talented Child (3)
EDU 582	Teaching Exceptional Learners (3)
EDU 611	Methods of teaching Special Learners (3)
EDU 612	Assistive Technology (3)

Technology Applications (3 credits)

EDU 553	Computers in the Classroom (3)
EDU 580	Productivity Tools and Curriculum Applications (3)
EDU 620	Technology Planning and Evaluation (3)
EDU 624	Social, Ethical, and Legal Issues in Technology (3)

Technology Applications (3 credits)

EDU 532	Issues & Trends in Math (3)
EDU 541	Curriculum Innovations in Science (3)
EDU 542	Issues and Trends in Science (3)
EDU 556	Technology Applications in Mathematics (3)
EDU 559	Curriculum Innovations in Social Studies (3)
EDU 563	Issues and Trends in Social Studies (3)
RLA 513	Process, Development, and Teaching of Reading (3)
RLA 514	Process, Development, and Teaching of Writing (3)

RLA 517	Assessing and Correcting Problems (3)
RLA 527	Multicultural Literature for Children & Young Adults

Culminating Experience (6 credits)

EDU 570	Capstone Seminar (3)
EDU 696	Research and Reading (3)
EDU 697	Advanced Research Seminar

or

EDU 698	Thesis I (3)
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and

EDU 699	Thesis II (3)
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Total 30 credits

Master of Science in Reading/Language Arts

This master's degree program has two strands that are designed to meet the needs of teachers who wish to become more knowledgeable in the teaching of reading, literature, and writing. Those who wish to become more informed about children's literature and its use in the classroom would enroll in the master's degree with a literature emphasis. Those who wish to acquire an advanced certification in Reading would enroll in the M.S. in RLA program that leads to the (102) Remedial Reading and Remedial Language Arts Specialist endorsement.

MASTER OF SCIENCE IN READING/LANGUAGE ARTS with LITERATURE EMPHASIS

This program is designed for those who wish to become more informed about children's literature and its use in the classroom.

First Block (12 Credits)

EDU 508	Research in Education	3 credits
RLA 513	Language and Literacy Development	3 credits
RLA 514	Process, Development and Teaching of the Writing Process	3 credits
RLA 515	Reading Development	3 credits

Second Block (12 – 15 credits: at least 3 credits from Group B)

Group A

RLA 524	Children's Literature: An Issues Approach	3 credits
RLA 525	Children's Literature: Art of the Picture Book	3 credits
RLA 526	Children's Literature: A Reader Response Perspective	3 credits
RLA 527	Multicultural Literature for Children and Young Adults	3 credits
RLA 528	Literature for Middle and Secondary Students	3 credits

Group B

RLA 516	Reading and Writing in the Content Areas	3 credits
RLA 517	Assessment and Evaluation	3 credits

RLA 518	Advanced Assessment, Diagnosis and Correction	3 credits
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Culminating Experiences (3 – 6 credits)

EDU 570	Capstone Seminar (F, Sp, Su)	3 credits
and	Comprehensive Portfolio Assessment	

or

RLA 698	Thesis I	3 credits
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and

RLA 699	Thesis II	3 credits
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TOTAL **30 credits**

**MASTER OF SCIENCE IN READING AND LANGUAGE ARTS WITH
ADVANCED ENDORSEMENT: REMEDIAL READING AND REMEDIAL
LANGUAGE ARTS SPECIALIST**

This program is designed for people who are already certified teachers, and it involves 36 credits of rigorous study culminating in a Master of Science in Reading and Language Arts, with recommendation for advanced endorsement as a (102) Remedial Reading and Remedial Language Arts Specialist. The program is aligned with requirements set forth by the Connecticut Department of Education and the International Reading Association. All entry requirements must be met before the student is accepted into the program.

Entry Requirements:

Candidates must:

- hold or be eligible for a CT certificate
- have completed at least 30 school months of successful classroom teaching experience
- have a cumulative undergraduate GPA of 3.0 or waiver (i.e., GRE scores, transcript review, graduate coursework)
- present three letters of recommendation
- have completed EDU 508, or equivalent
- have at least one course in children’s literature
- have at least one course in adolescent literature
- have at least one course in curriculum development

Total program of 36 credits includes the following course sequence:

Level I: Foundational Knowledge = 12 credits

RLA 513	Language and Literacy Development (F)	3 credits
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RLA 514	Process, Development and Teaching of Writing Process (F)	3 credits
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RLA 515	Reading Development (Sp)	3 credits
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RLA 516	Reading and Writing in the Content Areas (F, Sp)	3 credits
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Level II: Assessment, Evaluation, Diagnosis, and Intervention = 15 credits

RLA 517	Assessment and evaluation (Sp)	3 credits
RLA 518	Advanced assessment, diagnosis and correction (F)	3 credits
RLA 519	Clinical practice in literacy interventions (Su)	6 credits
RLA 555	Research seminar: Current issues in Literacy (Sp)	3 credits

Level III: Coaching, Supervision, and Leadership = 9 credits

PREREQUISITE FOR LEVEL III: RLA 518 AND PASSING SCORE ON THE CONNECTICUT FOUNDATIONS OF READING TEST

RLA 520	Principles of coaching in diverse settings (Su)	3 credits
RLA 521	Organization, administration and supervision (Sp)	3 credits
RLA 570	Capstone (F, Sp)	3 credits
TOTAL		36 credits

Master of Science in Science Education

This master's degree program provides advanced study for practitioners for teaching and careers in science education. It is appropriate for any teachers interested in advancing their knowledge of science education, including elementary, middle school and high school teachers.

Master of Science in Science Education – Program Requirements

Graduate Core Courses: (12 credits)

EDU 508	Research in Education
EDU 511	Learning and Teaching: Concepts and Models
EDU 545	Curriculum Development and Evaluation
EDU 555	Education and Society

Required Science Education Courses: (15 credits)

EDU 541	Curriculum Innovations in Science
EDU 542	Curriculum-Issues and Trends in Science Education
EDU 537	Science in the Elementary Schools <i>(Recommended for Elementary Teachers)</i>

Other graduate courses in education or science (as determined by student and advisor)

Culminating Examinations: (3-6 credits)

EDU 698	Thesis I
and	
EDU 699	Thesis II
or	
EDU 570	Capstone Seminar

and

Comprehensive Portfolio

Total 30 Credits

Master of Science in Secondary Education

This master's degree program is designed to meet the needs of teachers who are already certified and are interested in advanced studies for teaching these subject areas — biology, earth science, English, history/social studies, and mathematics.

Master of Science in Secondary Education – Program Requirements

Assessment and Measurement (6 credits)

EDU	550	Measurement and Evaluation (3) (required)
EDU	508	Research in Education (3) (required)
or		Choose one below if EDU 508 is already on transcript
EDU	551	Statistics (3)
EDU	610	Assessment in Special Education (3)

Teaching, Learning and Society (6 credits)

EDU	511	Learning and Teaching: Concepts and Models (3)
EDU	555	Education and Society (3)
EDU	572	Philosophy of Education (3)
EDU	621	Supervision of Teaching & Learning with Technology (3)

Teaching Special Learners (3 credits)

EDU	581	Teaching the Gifted and Talented Child (3)
EDU	582	Teaching Exceptional Learners (3)
EDU	611	Methods of teaching Special Learners (3)
EDU	612	Assistive Technology (3)

Technology Applications (3 credits)

EDU	553	Computers in the Classroom (3)
EDU	580	Productivity Tools and Curriculum Applications (3)
EDU	620	Technology Planning & Evaluation (3)
EDU	624	Social, Ethical, and Legal Issues in Technology (3)

Secondary Content (6 credits)

EDU	541	Curriculum Innovation in Science (3)
EDU	546	Issues and Applications in Secondary Mathematics (3)
EDU	547	Issues and Applications in Secondary History/Social Studies (3)
EDU	548	Issues and Applications in Secondary English (3)
EDU	549	Issues and Applications in Secondary Biology and Environmental Earth Science (3)
EDU	556	Technology Applications in Mathematics (3)
EDU	559	Curriculum Innovations in Social Studies (3)
EDU	560	Curriculum Development and Evaluation: Mathematics/Science (3)
EDU	562	Curriculum Development and Evaluation: English/Social Studies
RLA	513	Process, Development, and Teaching of Reading (3)
RLA	514	Process, Development, and Teaching of Writing (3)
RLA	516	Middle and Secondary School Content Applications (3)
RLA	517	Assessing and Correcting Problems (3)

RLA 528 Literature for the Middle & Secondary Students (3)

Culminating Experience (6 credits)

EDU 570 Capstone Seminar (3)

EDU 696 Research and Reading (3)

EDU 697 Advanced Research Seminar

or

EDU 698 Thesis I (3)

and

EDU 699 Thesis II (3)

Total 30 credits

Graduate Certification Programs

Master of Science in Early Childhood Education and Certification

Liberal arts requirements (39 credits minimum) mandated by the Connecticut State Department of Education with a “C” or better in all courses (if not taken as part of the student’s undergraduate program, these requirements/credits can be integrated into the student’s plan of study). In addition, study in all six (6) of the following areas are required.

U.S. History Course (3 credits - HIS 310 or other approved U.S. History course)
HPE 201(1 credit) or HPE 210 (3 credits)

Study in six of the following areas:

Arts (3 credits)
English (6 credits)
Mathematics (3 credits)
Natural Sciences (7 credits)
Social Sciences (3 credits)
World Language (6 credits, if not met in high school)

PREREQUISITES: B.A./B.S. FROM AN ACCREDITED UNIVERSITY, WITH REQUIRED GENERAL EDUCATION COURSEWORK, PASSING PRAXIS 1 (OR RECEIVING A WAIVER) AND ACCEPTANCE BY THE COMMITTEE ON ADMISSION AND RETENTION IN EDUCATION (CARE).

All courses are three (3) credits unless otherwise noted.

Graduate Core: (6 credits)

EDU 508 Research in Education
EDU 555 Education and Society

Certification Courses (39 credits)

ECE 500 Advanced Study of Early Childhood Development*
ECE 501 Families, Communities and Culture
ECE 503 Language and Literacy
ECE 504 Early Childhood Curriculum*
ECE 505 Young Children with Special Needs
ECE 506 Adaptations for Diverse Needs*
ECE 507 Reading and Writing in the Primary Years
ECE 509 Seminar for Preservice Teachers*

Curriculum Option (Select one)

ECE 510 Math and Science in Early Childhood Education*
or
ECE 512 Technology in the Early Childhood Classroom*

ECE 565	Student Teaching (6 credits)
ECE 566	Practicum in Early Childhood Special Education
ECE 575	Assessment in Early Childhood Education
	<i>(to be taken in conjunction with student teaching)**</i>
	<i>ECE Graduate Certification Electronic Portfolio (completed after student teaching)*</i>

Culminating Examinations: (3-6 credits)

EDU 698	Thesis I
and	
EDU 699	Thesis II
or	
EDU 570	Capstone Seminar with Capstone Portfolio

Total 48-51 credits

*Courses with an asterisk require clinical experience. Teacher candidates in Early Childhood Education will complete five 15-hour clinical experiences in courses marked with an asterisk. Two of these courses must be completed in culturally diverse settings.

† Early childhood education electronic portfolio presentation sessions (for teacher candidates completing the certification program) are scheduled twice during the academic year. If students are unable to present during a scheduled presentation sessions, they must wait until the next scheduled presentation.

Master of Science in Elementary Education and Certification

Liberal Arts Requirements (39 credits minimum) mandated by the Connecticut State Department of Education with a “C” or better in all courses (if not taken as part of the student’s undergraduate program, these requirements/credits can be integrated into the student’s Plan of Study). In addition, study in all six of the following areas are required.

U.S. History Course (3 credits - HIS 310 or other approved U.S. History course)
 HPE 201(1 credit) **or** HPE 210 (3 credits)

Study in at least five of the following areas:

Arts (3 credits)
 English (6 credits)
 Mathematics (3 credits) (MAT 139, MAT 140)
 Natural Sciences (7 credits)
 Social Sciences (3 credits)
 World Language (6 credits, if not met in high school)

ADDITIONAL REQUIREMENTS THAT MUST BE MET IN THE STUDENT’S PLAN OF STUDY.

Two of the following curriculum courses:

ART 370	Art in the Classroom	(1 credit)
MUS 370	Music in the Elementary Classroom	(1 credit)
HPE 360	Curriculum Materials: Physical Education	(1 credit)
THE 360	Theatre in the Elementary Classroom	(3 credits)

Human Growth and Development Courses:

In addition to EDU 544: Patterns of Development (3 credits), students must also take

PSY 206: Psychology of Childhood (3 credits) or PSY 208: Psychology of Adolescence (3 credits).

PREREQUISITES: B.A./B.S. FROM AN ACCREDITED UNIVERSITY, WITH REQUIRED GENERAL EDUCATION COURSEWORK PASSING PRAXIS I (OR RECEIVING A WAIVER), AND ACCEPTANCE BY THE COMMITTEE ON ADMISSION AND RETENTION IN EDUCATION (CARE).

All courses are 3 credits unless otherwise noted.

Graduate Core: (12 credits)

EDU 508	Research in Education
EDU 555	Education and Society
EDU 511	Learning and Teaching
EDU 545	Curriculum Development and Evaluation

Elementary Certification Courses: (39 credits)

EDU 501	Clinical Experience I
EDU 502	Clinical Experience II
EDU 503	Clinical Experience III
EDU 544	Patterns of Development
RLA 513	Process, Development, and Teaching of Reading
RLA 524	Children's Literature: An Issues Approach
or	
RLA 526	Children's Literature: A Reader's Response Perspective
or	
RLA 527	Multicultural Literature for Children and Young Adults
EDU 532	Issues/Trends: Math
EDU 537	Science in Elementary School
EDU 553	Computers in Classroom & Curriculum
EDU 563	Issues/Trends: Social Studies
EDU 565	Classroom Management and Assessment in Elementary School
EDU 573	Graduate Student Teaching: Elementary School (9 credits)
EDU 582	Teaching Exceptional Learners

Culminating Examinations: (3-6 credits)

EDU 698	Thesis I
and	
EDU 699	Thesis II
or	
EDU 570	Capstone Seminar
and	
Comprehensive Portfolio	

Total 44-47 credits

Master of Science in Secondary Education and Certification

Applicants who have completed a bachelor's degree from an accredited institution with a major in one of the following areas – biology, English, environmental earth science, history/social studies, or mathematics – may be eligible for this master's certification program.

Liberal Arts Requirements (39 credits minimum) mandated by the Connecticut State

Department of Education with a “C” or better in all courses (if not taken as part of the student’s undergraduate program, these requirements/credits can be integrated into the student’s Plan of Study). In addition, studies in all six of the following areas are required.

United States History Course (3 credits - HIS 310 or other approved U.S. History course)

HPE 201(1 credit) or HPE 210 (3 credits)

Study in at least five of the following areas:

Arts (3 credits)

English (6 credits)

Mathematics (3 credits)

Natural Sciences (7 credits)

Social Sciences (3 credits)

World Language (6 credits, if not met in high school)

PREREQUISITES: B.A./B.S. FROM AN ACCREDITED UNIVERSITY, WITH REQUIRED GENERAL EDUCATION COURSEWORK. PASSING PRAXIS I (OR RECEIVING A WAIVER), PASSING PRAXIS II IN APPROPRIATE ACADEMIC DISCIPLINE, ACCEPTANCE BY THE COMMITTEE ON ADMISSION AND RETENTION IN EDUCATION (CARE).

In order to ensure that teacher candidates have acquired important content, pedagogical, and professional knowledge, skills, and dispositions as expected in their discipline(s), each teacher candidate enrolled in the secondary certification program will be required to pass a competency-based assessment task during their methods course prior to their student teaching semester. If a teacher candidate fails to meet these expectations, he/she will receive appropriate remediation. The candidate will then have a second opportunity to pass the assessment before student teaching. Candidates unable to pass the assessment task on the second attempt will be required to register for an independent study. The student teaching will be deferred until successful completion of the assessment task and the independent study.

All courses are 3 credits unless otherwise noted.

Graduate Core: (12 credits)

EDU 508 Research in Education

EDU 511 Learning and Teaching: Concepts and Models

EDU 553 Computers in the Classroom

EDU 555 Education and Society

Secondary Education Core Courses: (18 credits)

EDU 501 Clinical Experience I

EDU 502 Clinical Experience II

EDU 503 Clinical Experience III

EDU 544 Patterns of Development

EDU 546 Issues and Applications in Secondary Mathematics

or

EDU 547 Issues and Applications in Secondary History/Social Studies

or

EDU 548 Issues and Applications in Secondary English

or

EDU 549 Issues and Applications in Secondary Biology and Environmental Earth Science

EDU 560 Curriculum Development and Evaluation: Mathematics/Science

or

EDU 562 Curriculum Development and Evaluation: English/Social Studies

EDU 582 Teaching Exceptional Learners

RLA 516 Middle and Secondary Content Applications

Student Teaching Semester: (12 credits)

EDU 525 Classroom Management and Assessment in Secondary School

EDU 571 Graduate Student Teaching: Secondary Schools (9 credits)

Culminating Examinations: (3-6 credits)

EDU 698 Thesis I

and

EDU 699 Thesis II

or

EDU 570 Capstone Seminar

and

Comprehensive Portfolio

Total 45 credits

Master of Science Degree in Organizational Management

This program focuses on individual behavior, group dynamics, organizational processes and structure, and their interactions. It is appropriate for individuals with professional work experience seeking to develop interpersonal and organizational skills applicable for a wide variety of work settings. It should be of particular interest to individuals in supervisory and project management positions in social and public agencies. It is a professional development program designed to enhance the individual's ability to deal with the dynamics of complex organizations.

Program Requirements

Students must complete a total of 36 credits. As part of their program, they must complete the five core courses. The remaining coursework is taken as electives in consultation with a faculty advisor. Students must take the comprehensive examination unless they are writing a thesis. The comprehensive examination can be taken following the completion of 30 credits.

Program Curriculum

Core Courses: (12 Credits)

ORG 508 Introduction to Organizational Research

ORG 536 Critical Thinking, Problem Solving and Management Processes in Organizations

ORG 537 Small Group Dynamics in Organizations

BUS 532 Management of Organizations
Electives (15-21 credits)

Interdisciplinary Content Areas

Individual Behavior

PSY 506 Theories of Interviewing and Counseling
PSY 507 Industrial and Organizational Psychology
PSY 508 Applied Social Psychology
ORG 637 Workshop in Interpersonal Skills for Management Effectiveness
ORG 672 Leadership in Contemporary Organizations

Group Dynamics

BUS 531 Organizational Behavior and the Administrative Process
COM 530 Organizational Communication

Organizational Processes and Structure

BUS 533 Methods of Human Resource Management
BUS 535 Total Quality Management and Customer Value
COM 512 Organizational Presentations
ORG 631 Introduction to Network Organization
ORG 632 LAN'S, MAN'S and Internet Working
ORG 633 Network Management and Administration
ORG 634 Network Analysis and Design
ORG 671 Training and Development in Organizations
ORG 675 Seminar in Special Topics

Culminating Experience: (3-6 credits)

ORG 570 Organizational Capstone Seminar (Taken in final semester)
ORG 698 Thesis I
and
ORG 699 Thesis II
or
Comprehensive Examination

Students selecting the thesis option take 30 credits of coursework. The remaining six credits are earned as part of their thesis work. The decision to select this option should be made in consultation with a faculty advisor.

On a selective basis, students may take research and readings as an Independent Study, and may augment their theoretical base with internships and practica. This may apply particularly to students who previously majored as undergraduates in one of the areas of focus. These must have prior approval of the program coordinator and the dean. No more than six credits can be accumulated toward the degree in this manner. The program regularly offers special topic seminars which can be selected as electives.

Graduate Courses of Introduction

BUSINESS

BUS 531 ORGANIZATIONAL BEHAVIOR AND THE ADMINISTRATIVE PROCESS

3 CREDITS

Examines the managerial implications of the relationship between human behavior, organizational structure and organizational performance.

BUS 532 MANAGEMENT OF ORGANIZATIONS

3 CREDITS

Building on a foundation of organizational theory, including research from such fields as sociology, psychology, administrative science, and political science. This course focuses on the concepts and skills germane to organized activity. Special emphasis is placed on frameworks for analyzing organizational problems.

BUS 533 SEMINAR IN METHODS OF HUMAN RESOURCE MANAGEMENT

3 CREDITS

Examines contemporary issues in the development of programs and processes for the effective management of an organization's human resources. Special attention is given to the pros and cons of various methods.

BUS 545 FINANCIAL MANAGEMENT

3 CREDITS

Application of financial concepts and techniques to corporate decisions, including capital budgeting, capital structure, leasing, mergers, and asset management.

COMMUNICATION

COM 512 ORGANIZATIONAL PRESENTATIONS

3 CREDITS

An advanced course in the fundamentals of presentation graphics and presentation techniques designed to provide skills needed to create individual and group presentations.

COM 530 ORGANIZATIONAL COMMUNICATION

3 CREDITS

This course emphasizes the acquisition of organizational communication skills through the application of theoretical concepts in authentic organizational contexts. The course utilizes both the applied body of knowledge developed by organizational communicators (what strategies are effective in actual organizations) and the theoretical underpinnings of the field (why those strategies work).

COM 550 EDUCATIONAL TELEVISION AND MEDIA CONVERGENCE

3 CREDITS

An introduction to aesthetic and technical principles of television production. Critical analysis of the various educational television formats and a review of educational television as implemented by different institutions across the nation and the way in which technological convergence has become an added value in the education delivery system.

ECONOMICS

ECO 510 MANAGERIAL ECONOMICS

3 CREDITS

This course provides a body of mainly microeconomic tools for managerial decision-making. Its emphasis is on the methodical application of economic models to business situations for analysis and problem-solving. It incorporates theory into practice, providing a theoretical framework in formulating policies for short- and long-term planning. A wide range of top-

ics will be discussed, including elasticity and estimation of demand, production and cost functions, pricing and output decisions under different competitive conditions, break-even analysis, risk and uncertainty, etc.

EDUCATION: EARLY CHILDHOOD EDUCATION

ECE 500 ADVANCED STUDY OF EARLY CHILDHOOD DEVELOPMENT

3 CREDITS

PREREQUISITE: AN APPROVED PLAN OF STUDY IN EARLY CHILDHOOD EDUCATION OR APPROVAL FROM THE INSTRUCTOR.

Advanced study of child development from birth to age eight, focusing both on typical and atypical growth. Characteristics of children's physical, social, emotional, and cognitive development will be examined in the light of various theoretical perspectives, including a multicultural outlook. Closely juxtaposed to this study of children's growth will be analysis of developmentally appropriate teaching practices. Field experience is required.

ECE 501 FAMILIES, COMMUNITIES AND CULTURE

3 CREDITS

PREREQUISITE: AN APPROVED PLAN OF STUDY IN EARLY CHILDHOOD EDUCATION OR APPROVAL FROM THE INSTRUCTOR.

Provides a critical and multicultural perspective on major theories of child and family development and their implications for early childhood education. Examines cultural influences on family life, parenting, and specific areas of behavior and learning.

ECE 503 LANGUAGE AND LITERACY

3 CREDITS

PREREQUISITE: AN APPROVED PLAN OF STUDY IN EARLY CHILDHOOD EDUCATION OR APPROVAL FROM THE INSTRUCTOR.

Examines the processes of written and oral language development in the early years, taking into consideration cultural variations. Surveys approaches to facilitating language and literacy acquisition in the early childhood classroom with emphasis on children of diverse linguistic and cultural backgrounds.

ECE 504 EARLY CHILDHOOD CURRICULUM

3 CREDITS

PREREQUISITE: AN APPROVED PLAN OF STUDY IN EARLY CHILDHOOD EDUCATION OR APPROVAL FROM THE INSTRUCTOR.

Examines research on curriculum planning and classroom practice in selected content areas of the early childhood classroom – math, science, social studies, play, motor development, and the arts. Presents empirical support for child-directed, process-oriented approaches to teaching young children. Focuses on the integrated curriculum, spatial arrangement, and classroom organization. Adaptations for children with special needs are explored.

ECE 505 YOUNG CHILDREN WITH SPECIAL NEEDS

3 CREDITS

PREREQUISITE: AN APPROVED PLAN OF STUDY IN EARLY CHILDHOOD EDUCATION OR APPROVAL FROM THE INSTRUCTOR.

This introductory course is designed to provide information needed to work with young children who have special needs in general classrooms in accordance with the Individuals with Disabilities Education Act (P.L. 101-470) and the Americans with Disabilities Act (ADA).

ECE 506 ADAPTATIONS FOR DIVERSE NEEDS

3 CREDITS

PREREQUISITE: ECE 505

This course is an in-depth exploration of such topics as evaluation, program-planning, and curricular adaptations for young children with special needs. Application of current theories to practice will be individualized for students in ways which address their diverse backgrounds. This course is designed to provide (when combined with ECE 505) master's-level early childhood teacher candidates with the background in special education which will meet requirements for dual certification in the nursery school-kindergarten (N-K) range. Clinical experiences required.

ECE 507 READING AND WRITING IN THE PRIMARY YEARS 3 CREDITS

PREREQUISITE: ECE 500 OR ECE 503

An examination of reading, writing, and oral language development from ages 5 to 8, including ways that teachers can support this growth through shared reading, language intervention, the environment, and a planned, balanced reading and writing curriculum. Promotes the integration of reading, writing, and verbal and nonverbal communication in all areas of the classroom and across the curriculum. Clinical experience required.

ECE 509 SEMINAR FOR PRESERVICE TEACHERS 3 CREDITS

Provides a survey of teaching, planning, and assessment strategies and classroom management techniques for early childhood classrooms. A special focus is placed on the modern public school classroom and how to adapt traditional approaches and published curricula to be more developmentally appropriate. An emphasis is placed on teacher reflection and self-evaluation.

ECE 510 MATH AND SCIENCE IN EARLY CHILDHOOD EDUCATION 3 CREDITS

Examines the developmental progression of children's mathematical and scientific thinking. Prepares teachers to develop appropriate curriculum to facilitate children's growth within a multicultural and multi-lingual setting. The role of technology will be studied. Guided experience in the classroom including interaction with children required.

ECE 512 TECHNOLOGY IN THE EARLY CHILDHOOD CLASSROOM 3 CREDITS

Examines the various kinds of technology available for early childhood education. Explores the appropriate use of technology within an integrated curriculum. Includes the study of variations within young children's thinking and learning in the technology environment.

ECE 565 GRADUATE STUDENT TEACHING (EARLY CHILDHOOD EDUCATION) 6-9 CREDITS

PREREQUISITE: ADMISSION TO THE TEACHER EDUCATION PROGRAM AND APPROVAL OF DIRECTOR OF EDUCATIONAL EXPERIENCE; COREQUISITE: EDU 565

A full semester of teaching experience in the classroom designed to translate theory into practice. Seminars required. Graded by credit/no credit. Completion of professional courses, admission to the Teacher Education Program, and submission of student teaching preference form. This course clearly identifies the student teaching experience required for initial Teaching Certification issued by the Connecticut State Department of Education and is consistent with Connecticut Department of Education requirements.

ECE 566 PRACTICUM IN EARLY CHILDHOOD SPECIAL EDUCATION 3 CREDITS

This provides professional experiences for graduate students in early childhood special edu-

cation. The focus is on observing and scaffolding social development and making classroom adaptations for children with special needs.

ECE 575 ASSESSMENT IN EARLY CHILDHOOD EDUCATION 3 CREDITS

Examines assessment tools and methods available for the early childhood teacher. Engages students in critical evaluation of existing curricular practices as well as their own teaching. Facilitates the development of a portfolio as a documentation of one's professional growth. Includes the in-depth study of the process of developing a child assessment portfolio.

ECE 670 WORKSHOP 3 CREDITS

Group study of special topics. May not be used to meet graduate major requirements. May be used for elective credits.

ECE 675 SEMINAR: ISSUES IN EARLY CHILDHOOD EDUCATION 3 CREDITS

Offered on a one-time basis to study, examine, and reflect upon current trends, issues, and practices.

ECE 695 GRADUATE INTERNSHIP 1-12 CREDITS

Faculty-supervised, community-based work experiences individually designed to supplement classroom work. In conjunction with faculty advisor, student selects appropriate experience. Maximum of 6 credits counted toward degree.

ECE 696 RESEARCH AND READINGS 1-6 CREDITS

Individual research and analysis of a specific topic under the direction of a faculty member.

ECE 698 THESIS I 3 CREDITS

Initial research and preparation of thesis proposal.

ECE 699 THESIS II 3 CREDITS

Preparation of thesis pertaining to a selected research project.

EDUCATION

EDU 501 CLINICAL EXPERIENCE I 1 CREDIT

This course provides additional opportunity for students to relate theory with practice through a 45-hour per semester field experience with learners in educational settings and a monthly seminar to discuss participants' observations and participation. Students will concentrate on observation, documentation and reflection on the issues of diversity, teaching and planning and classroom management.

EDU 502 CLINICAL EXPERIENCE II 1 CREDIT

This course provides additional opportunity to relate theory with practice through a 45-hour per semester field experience with learners in educational settings and a monthly seminar to discuss participants' observations and participation. In this second experience, students will continue to observe, document and reflect on the issues of diversity, teaching and planning and classroom management, and will make specific connections between what they observe in the classroom and their educational coursework.

EDU 503 CLINICAL EXPERIENCE III 1 CREDIT

This course provides additional opportunity to relate theory with practice through a 45-hour per semester field experience with learners in educational settings and a monthly seminar to discuss participants' observations and participation. In this third experience, students will

continue to observe, document, and reflect on the issues of diversity, teaching and planning and classroom management, and will make specific connections between what they observe in the classroom and their educational coursework.

EDU 507 PARENTING

3 CREDITS

Investigates in depth the issues, expectations and realities of parenting. Theories of parenting will be part of the course and the major area of focus will be on issues relating to effective parenting.

EDU 508 RESEARCH IN EDUCATION

3 CREDITS

NOTE: THIS COURSE IS A PREREQUISITE FOR ALL OTHER COURSES IN ALL EDUCATION MASTER'S PROGRAMS.

Provides a background in research design and methodology in education, which allows graduate students to read and interpret the findings and conclusions of original empirical research articles. Introduces basic concepts in qualitative and quantitative research methods and writing and promotes skill in the critical evaluation of these procedures in education.

EDU 511 LEARNING & TEACHING: CONCEPTS AND MODELS

3 CREDITS

This course presents an in-depth analysis of theories of learning most applicable to promoting optimal student learning in the classroom.

EDU 525 - CLASSROOM MANAGEMENT AND ASSESSMENT IN SECONDARY SCHOOLS

3 CREDITS

NOTE: TAKEN CONCURRENTLY WITH EDU 571: STUDENT TEACHING: SECONDARY SCHOOL

Examination of the secondary school, its organization and curriculum. Trends and issues that influence how instruction is implemented, managed and assessed.

EDU 527 CREATIVE DRAMATICS FOR THE CLASSROOM

3 CREDITS

A practical course developing the use of dramatics in the classroom from pupil-created to teacher-directed presentation, including basics of make-up, scenery, and management.

EDU 532 CURRENT ISSUES AND TRENDS: MATHEMATICS

3 CREDITS

Emphasis in this course is on methods for teaching mathematics at the elementary grade levels. Participants will concentrate on individual areas of interest through investigation of visual and manipulative aids, games, techniques of instruction, and structure of various mathematical concepts.

EDU 537 SCIENCE IN THE ELEMENTARY SCHOOL

3 CREDITS

Uses an activity-oriented approach to deal with theoretical and practical aspects of developing science experiences for children.

EDU 541 CURRICULUM INNOVATION IN SCIENCE

3 CREDITS

Introduces teachers to new curriculum materials, and recent developments related to the teaching of science. A workshop approach is used to provide participants with many opportunities to examine and evaluate new science materials and activities.

EDU 542 CURRENT ISSUES AND TRENDS: SCIENCE

3 CREDITS

Seminar and workshop sessions deal with contemporary approaches to science teaching and modern science curriculum projects.

EDU 544 PATTERNS OF DEVELOPMENT: TYPICAL & EXCEPTIONAL**3 CREDITS**

This course profiles children in varying stages of development as explained by the major theories of human development, examines the special characteristics of children whose development varies from normative profiles, and discusses multicultural issues and perspectives.

EDU 545 CURRICULUM DEVELOPMENT AND EVALUATION 3 CREDITS

A study of the development and evaluation of school curriculum. Graduate students will gain experience by applying curriculum theories and processes in an educational setting. Particular attention will be paid to management systems and current models of curriculum design and evaluation.

EDU 546 ISSUES AND APPLICATIONS IN SECONDARY MATHEMATICS**3 CREDITS**

PREREQUISITE COURSES: EDU 508, EDU 511, EDU 553, EDU 555,
OR THE APPROVAL OF THE INSTRUCTOR

A course designed for teaching mathematics in the secondary school. Planning, methods of instruction, methods of curriculum development, and techniques of evaluation will be covered. Clinical experience required.

EDU 547 ISSUES AND APPLICATIONS IN SECONDARY HISTORY/SOCIAL STUDIES 3 CREDITS

PREREQUISITE COURSES: EDU 508, EDU 511, EDU 553, EDU 555, OR THE
APPROVAL OF THE INSTRUCTOR

Development of a philosophy for teaching history and social studies in the secondary schools. Current trends and issues, curriculum programs, teaching strategies, classroom procedures, and materials will be examined and developed. Clinical experience required.

EDU 548 ISSUES AND APPLICATIONS IN SECONDARY ENGLISH**3 CREDITS**

PREREQUISITE COURSES: EDU 508, EDU 511, EDU 553, EDU 555, OR THE
APPROVAL OF THE INSTRUCTOR

Fundamental objectives and methodology in teaching English. Review of materials and programs in secondary schools. The development of attitudes in using newer approaches. Clinical experience required.

EDU 549 ISSUES AND APPLICATIONS IN SECONDARY BIOLOGY AND ENVIRONMENTAL EARTH SCIENCE 3 CREDITS

PREREQUISITE COURSES: EDU 508, EDU 511, EDU 553, EDU 555, OR THE
APPROVAL OF THE INSTRUCTOR

Development of a philosophy of teaching biology and environmental earth science within the framework of a secondary science program. Selection and organization of materials. Guidance for student growth in developing scientific attitudes. Clinical experience required.

EDU 550 MEASUREMENT AND EVALUATION 3 CREDITS

Practical solutions to classroom measurement and evaluation problems. Discussion of test construction, testing procedures, and use of standardized and teacher-made tests. Competency testing will be included.

EDU 551 STATISTICS**3 CREDITS**

Application and computation of measures of central tendency and variability, elements of probability, binomial and normal distributions, regression and correlations, and introduction to sampling theory. A basic course in general statistical methods and interpretation which can be applied to education and the social sciences.

EDU 552 GEOMETRY**3 CREDITS**

Euclidean geometry through traditional and transformational approaches. Spherical and coordinate geometries are studied.

EDU 553 COMPUTERS IN THE CLASSROOM AND CURRICULUM**3 CREDITS**

Provides a basis for use of computers in educational settings. Topics discussed include the applications of software and the Internet for learning and teaching, productivity tools, and curriculum design and planning in educational technology.

EDU 554 LOGO: A PROGRAMMING LANGUAGE**3 CREDITS**

Examines rationale, development, and use of LOGO to promote critical thinking, mathematics, and writing.

EDU 555 EDUCATION AND SOCIETY**3 CREDITS**

A critical study of the American education system and contemporary educational practices in relation to historical antecedents, societal issues, philosophical principles and ethical practices, political and economic policies, and current educational initiatives.

EDU 556 TECHNOLOGY APPLICATIONS IN MATHEMATICS**3 CREDITS**

This course focuses on the applications of technology such as calculators, virtual manipulative, online software packages, and spreadsheet for teaching mathematics. Students will have opportunities to explore elementary and/or secondary mathematics content based on their area of certification and expertise.

EDU 557 INTERNATIONAL AND CROSS-CULTURAL EDUCATION**3 CREDITS**

Global as well as area study of the nature of cultures and educational systems in industrialized, democratic nations, socialist societies, and Third World countries around the world.

EDU 558 CULTURE AND EDUCATION OF AMERICAN MINORITIES**3 CREDITS**

Interdisciplinary study of the history, culture, and educational programs of several American social and ethnic groups such as Puerto Ricans, African Americans, Native Americans, Spanish-Americans, Amish, Southern Mountaineers, and migrant farm workers. An examination of aspects of culture, techniques of culture study, and implications of cultural pluralism of our society. Development of strategies for improving intergroup understanding, human relations skills, and multicultural education.

**EDU 560 CURRICULUM DEVELOPMENT AND EVALUATION:
MATHEMATICS/SCIENCE****3 CREDITS**

PREREQUISITE COURSES: EDU 546, EDU 549, OR THE APPROVAL OF THE INSTRUCTOR

Mathematics and science curriculum development based on theoretical and practical aspects of teaching and learning.

EDU 561 VALUES EDUCATION AND MORAL DEVELOPMENT 3 CREDITS

Interdisciplinary study of various approaches to values education. Survey of the historical background of the relationship between religion and education and church-state relationships. Experiences with values clarification. Examination of theories of moral development. Strategies for development of moral reasoning and actions.

**EDU 562 CURRICULUM DEVELOPMENT AND EVALUATION: ENGLISH/
SOCIAL STUDIES 3 CREDITS**

PREREQUISITE COURSES: EDU 547, EDU 548, OR THE APPROVAL OF THE INSTRUCTOR

Reading and language arts and social studies curriculum development based on theoretical and practical aspects of teaching and learning.

EDU 563 CURRENT ISSUES AND TRENDS: SOCIAL STUDIES 3 CREDITS

An analysis of the ways in which the social studies curriculum reflects the needs of our democratic society and of the modern world. Teachers will develop appropriate classroom materials for the social studies curriculum.

**EDU 565 CLASSROOM MANAGEMENT AND ASSESSMENT IN ELEMEN-
TARY SCHOOL 3 CREDITS**

PREREQUISITES: ADMISSION TO THE GRADUATE TEACHER EDUCATION PROGRAM, COMPLETION OF ALL REQUIRED COURSEWORK, AND APPROVAL OF DIRECTOR OF EDUCATIONAL EXPERIENCE. CO-REQUISITE: STUDENT TEACHING

Examination of the elementary school, its organization and curriculum. Trends and issues that influence how instruction is implemented, managed and assessed.

**EDU 570 CAPSTONE SEMINAR (COMPLETED AT END OF PROGRAM.)
3 CREDITS**

NOTE: FINAL COURSE IN ALL PROGRAMS

A seminar in which graduate students will evaluate, apply, and synthesize research and curriculum concepts from the previous graduate courses.

**EDU 571 GRADUATE STUDENT TEACHING (SECONDARY SCHOOL)
9 CREDITS**

PREREQUISITE: ADMISSION TO THE TEACHER EDUCATION PROGRAM AND APPROVAL OF DIRECTOR OF EDUCATIONAL EXPERIENCES EXPERIENCE COORDINATOR

A full semester of teaching experience in the classroom designed to translate theory into practice. Seminars required. Graded by credit/no credit. Completion of professional courses, admission to the Teacher Education Program, and submission of student teaching preference form. This course clearly identifies the student teaching experience required for initial Teaching Certification issued by the Connecticut State Department of Education and is consistent with Connecticut Department of Education requirements.

EDU 572 PHILOSOPHY OF EDUCATION 3 CREDITS

A study and analysis of philosophies of education from the classic to the contemporary with emphasis on the implications for curriculum construction and classroom practice.

**EDU 573 GRADUATE STUDENT TEACHING (ELEMENTARY SCHOOLS)
6-9 CREDITS**

PREREQUISITE: ADMISSION TO THE TEACHER EDUCATION PROGRAM AND APPROVAL OF CLINICAL EXPERIENCE COORDINATOR; COREQUISITE: EDU 565

A full semester of teaching experience in the classroom designed to translate theory into practice. Seminars required. Graded by credit/no credit. This course clearly identifies the student teaching experience required for initial Teaching Certification issued by the Connecticut State Department of Education and is consistent with Connecticut Department of Education requirements.

EDU 574 SEMINAR IN SCHOOL LAW 3 CREDITS

Constitutional and statutory provisions for a public school system; origin and legal status of the local school unit; nature of the board of education; legal status of the teacher and the administrative officers; legal rights and responsibilities of parents and pupils; evolution of legal provisions for school support; nature of capital expenditures.

EDU 577 EDUCATIONAL COMPUTING -THEORY AND PRACTICE 3 CREDITS

An examination of the research on computer use in education as it relates to current and future uses of computers in the schools. Development of an in-depth project related to software evaluation, curriculum development, the teaching of programming, or another relevant topic.

EDU 580 PRODUCTIVITY TOOLS AND CURRICULUM APPLICATIONS 3 CREDITS

Examines issues, theories and past, current, and future applications of computers in the schools.

EDU 581 TEACHING THE GIFTED AND TALENTED CHILD 3 CREDITS

Identification characteristics and educational programs for the gifted and talented as well as discussion, evaluation, and application of basic theories and techniques of teaching. Emphasis on enrichment activities.

EDU 582 TEACHING EXCEPTIONAL LEARNERS 3 CREDITS

Exploration of approaches to teaching students with exceptionalities. Strategies for meeting the diverse needs of students in general education will be demonstrated.

EDU 586 THE STUDY OF TEACHING 3 CREDITS

Designed to help teachers study their verbal and non-verbal classroom behavior. Aspects of the teaching process will be analyzed through self-analysis, research, and classroom application. Topics to be examined include classroom interaction (e.g., the Flanders system), teaching styles, appraisal techniques, and classroom organization and management.

EDU 605 SCHOOL FINANCE 3 CREDITS

Economics of education at the federal, state, and local levels. Planning, execution, and appraisal of school finances in specific administrative units.

EDU 610 ASSESSMENT IN SPECIAL EDUCATION 3 CREDITS

The intent of this course is to provide the students with (1) knowledge of various assessment practices, and (2) skills in the assessment of learners with disabilities. The course focuses on the assessment of intelligence, reading, writing, mathematics, and social-emotional behavior. It also covers the development of instructional objectives based on assessment data.

- EDU 611 METHODS OF TEACHING SPECIAL LEARNERS** **3 CREDITS**
 This course focuses on various teaching methods that are utilized for exceptional learners. Students learn to develop individualized education plans. The course also covers techniques for identifying, adapting, and developing instructional materials.
- EDU 612 ASSISTIVE TECHNOLOGY** **3 CREDITS**
 This course provides an overview of assistive technology. Students learn applications of low, elementary, and high technology assistive devices in the area of communication, mobility, education, recreation, vocation, independence, and rehabilitation. It provides information on methods and organizational approaches to integrating assistive technology in the classroom.
- EDU 620 TECHNOLOGY PLANNING AND EVALUATION** **3 CREDITS**
 This course is designed to prepare participants to evaluate and plan for the effective use of instructional technology at the campus and district level.
- EDU 621 SUPERVISION OF TEACHING AND LEARNING WITH TECHNOLOGY** **3 CREDITS**
 This course is designed to prepare participants to evaluate the use of technology in instruction, assess teacher and student skills, and plan for development of technologically skilled teachers and students.
- EDU 622 ADMINISTRATIVE APPLICATIONS OF EDUCATIONAL TECHNOLOGY** **3 CREDITS**
 This course is designed to prepare participants to use educational technology at the campus and district level as well as address funding issues, supervision of technology personnel, and the use of technology in school and district administration.
- EDU 624 SOCIAL, LEGAL, AND ETHICAL ISSUES IN INSTRUCTION TECHNOLOGY** **3 CREDITS**
 This course is designed to prepare participants to deal with the issues of copyright, equity, access, and appropriate use of instructional technology at the campus and district level.
- EDU 670 WORKSHOP** **3 CREDITS**
 Group study of special topics. May not be used to meet graduate major requirements. May be used for elective credit.
- EDU 675 SEMINAR: ISSUES IN EDUCATION** **3 CREDITS**
 Offered on a one-time basis to study, examine, and reflect upon current trends, issues, and practices.
- EDU 695 GRADUATE INTERNSHIP** **1-12 CREDITS**
 Faculty-supervised, community-based work experiences individually designed to supplement classroom work. In conjunction with faculty advisor, student selects appropriate experience. Maximum of 6 credits counted toward degree.
- EDU 696 RESEARCH AND READINGS** **1-6 CREDITS**
 Individual research and analysis of a specific topic under the direction of a faculty member.
- EDU 698 THESIS I** **3 CREDITS**
 Initial research and preparation of thesis proposal.
- EDU 699 THESIS II** **3 CREDITS**
 Preparation of thesis pertaining to a selected research project.

EDUCATION: READING/LANGUAGE ARTS

LANGUAGE AND LITERACY DEVELOPMENT

3 CREDITS

This course focuses on: theoretical models of language development and reading acquisition; the psycho-socio-linguistic/cultural influences on language and reading acquisition; an understanding of the major components of reading; and creating a literate environment for learning

RLA 514 PROCESS, DEVELOPMENT, AND TEACHING OF WRITING

3 CREDITS

An overview of the writing process, theoretical models of writing and language development, and instructional approaches. Major focus is on evidence-based models of writing.

RLA 515 SUPPORTING LITERACY IN THE PRIMARY GRADES

3 CREDITS

PREREQUISITE: RLA 513

This course focuses on theoretical models of language and reading development and focuses on evidence-based reading instruction and strategies, an in-depth analysis of the components of reading, and assessment-based lesson development.

RLA 516 READING AND WRITING IN THE CONTENT AREAS

3 CREDITS

This course focuses on: reading and writing skills and strategies in the content areas, including fiction and non-fiction; reading foundations; text structure and organization, including new literacies and digital text; vocabulary development; response to text.

RLA 517 ASSESSMENT AND EVALUATION

3 CREDITS

PREREQUISITES: RLA 515

This course focuses on: general observation and assessment principals; informal and formal assessment and progress monitoring; developing an assessment plan leading to instruction and intervention; evaluating effectiveness of instruction; coaching support staff.

RLA 518 ADVANCED ASSESSMENT, DIAGNOSIS AND CORRECTION

3 CREDITS

This course focuses on: using a components approach to select and apply advanced diagnostic instruments for diverse learners; supervised case study and comprehensive diagnostic report; developing, implementing, and evaluating an intervention plan; presentation of findings.

RLA 519 CLINICAL EXPERIENCE IN LITERACY INTERVENTIONS

6 CREDITS

PREREQUISITES: RLA 518 AND INSTRUCTOR PERMISSION

This practicum focuses on: case study of a student experiencing literacy difficulties; designing and implementing assessment-based program of improvement; diagnostic teaching; formal report of student outcomes and effectiveness; recommendations for further instruction.

RLA 520 PRINCIPLES OF COACHING IN DIVERSE SETTINGS

3 CREDITS

PREREQUISITES: RLA 518

This course focuses on: skills and strategies necessary to carry out the role of literacy coach in culturally and linguistically diverse settings; supporting and collaborating with other stakeholders; organizing and supervising school-wide literacy programs and professional development.

RLA 521 ORGANIZATION, ADMINISTRATION, AND SUPERVISION

3 CREDITS

This course focuses on: needs assessment for school-wide literacy and professional development based on assessment data; policy implementation, capacity-building, and sustainabil-

ity; creating and leading professional learning communities and study groups; developing a school-wide intervention program and action plan for implementation.

RLA 522 READING AND LANGUAGE ARTS CONSULTING I 3 CREDITS

PREREQUISITES: RLA 521

Study of applied reading and language arts research. Investigation and analysis of significant trends practicum and concepts related to specific problems and programs. In the tradition of a seminar, students will be expected to provide major contributions to the substance of the course. The focus will be the primary grades.

RLA 523 READING AND LANGUAGE ARTS CONSULTING II 3 CREDITS

PREREQUISITES: RLA 522

Study of applied reading and language arts research. Investigation and analysis of significant trends practicum and concepts related to specific problems and programs. In the tradition of a seminar, graduate students will be expected to provide major contributions to the substance of the course. The focus will be the middle and secondary grades.

RLA 524 CHILDREN'S LITERATURE: AN ISSUES APPROACH 3 CREDITS

PREREQUISITES: GRADUATE STANDING OR PERMISSION OF INSTRUCTOR

Critically examines books read by children and young adults in the light of their treatment of contemporary social concerns and to likewise analyze some issues that affect children's books in today's world.

RLA 525 CHILDREN'S LITERATURE: THE ART OF THE PICTURE BOOK

PREREQUISITES: ADMISSION TO THE GRADUATE PROGRAM 3 CREDITS

This course offers an exploration of the picture book and its role in the lives and education of children. It includes the history of the picture book as well as a study of picture book styles, art elements and artistic media and techniques, authors and illustrators, classroom connections, and children's response to picture books.

RLA 526 CHILDREN'S LITERATURE: A READER RESPONSE PERSPECTIVE 3 CREDITS

PREREQUISITE: GRADUATE STANDING OR PERMISSION OF INSTRUCTOR

Critically examines children's literature from a reader response perspective (Rosenblatt, Appleby, and others). Provides a look at children's books published during the past five years.

RLA 527 MULTICULTURAL LITERATURE FOR CHILDREN AND YOUNG ADULTS 3 CREDITS

PREREQUISITE: GRADUATE STANDING OR PERMISSION OF INSTRUCTOR

Critically examines issues and trends found in multicultural literature for children and adolescents. The full range of books depicting the experience of people of color will be read and analyzed for authenticity, literary quality, and appeal to readers.

RLA 528 LITERATURE FOR THE MIDDLE AND SECONDARY STUDENTS 3 CREDITS

PREREQUISITE: ADMISSION TO GRADUATE PROGRAM

Provides participants with the opportunity to become familiar with and recognize quality in the wide range of literature for middle and secondary school students, as well as to incorporate the literature into the classroom.

RLA 535 LITERACY FOR SECOND LANGUAGE LEARNERS I 3 CREDITS

PREREQUISITES: RLA 508; RLA 515; RLA 527; RLA 555

The focus of this course is on developing knowledge and understanding of the theory and practice of literacy instruction for second language learners, the historical background of second language instruction, and the political and social implications of the different programs.

RLA 536 LITERACY FOR SECOND LANGUAGE LEARNERS II 3 CREDITS

PREREQUISITE: RLA 535

This course offers students an opportunity to develop the ability to plan instruction to support the literacy needs of second language learners. The focus will be on methods that are consistent with current research findings.

RLA 555 RESEARCH SEMINAR: CURRENT ISSUES IN LITERACY 3 CREDITS

This seminar focuses on: reading and interpreting research; formulating a research question based on current issues; performing a literature review; designing and implementing an action research project that contributes to the literacy profession; writing and presenting the research findings.

RLA 570 CAPSTONE SEMINAR 3 CREDITS

PREREQUISITE: RLA 520 AND RLA 521

This seminar focuses on: development of a comprehensive portfolio that provides evidence of competence on the IRA Professional Standards; analysis of case studies.

RLA 670 WORKSHOP 3 CREDITS

Group study of special topics. May not be used to meet graduate major requirements. May be used for elective credit.

RLA 675 SEMINAR: ISSUES IN READING/LANGUAGE ARTS 3 CREDITS

Offered on a one-time basis to study, examine, and reflect upon current trends, issues, and practices.

RLA 695 GRADUATE INTERNSHIP 1-12 CREDITS

Faculty-supervised, community-based work experiences individually designed to supplement classroom work. In conjunction with faculty advisor, student selects appropriate experience. Maximum of 6 credits counted toward degree.

RLA 696 RESEARCH AND READINGS 1-6 CREDITS

Individual research and analysis of a specific topic under the direction of a faculty member.

RLA 698 THESIS I 3 CREDITS

Initial research and preparation of thesis proposal.

RLA 699 THESIS II 3 CREDITS

Preparation of thesis pertaining to a selected research project.

ORGANIZATIONAL MANAGEMENT**ORG 508 INTRODUCTION TO ORGANIZATIONAL RESEARCH 3 CREDITS**

PREREQUISITE: GRADUATE STANDING

NOTE: THIS COURSE IS THE FOUNDATION FOR ALL OTHER COURSES IN THE

ORGANIZATIONAL MANAGEMENT PROGRAM AND SHOULD BE TAKEN AT THE FIRST OPPORTUNITY.

It provides a background in research design and methodology, which allows students to read and interpret the findings and conclusions of original empirical research articles. Introduces basic concepts in qualitative and quantitative research methods and writing and promotes skill in the critical evaluation of these procedures.

ORG 536 CRITICAL THINKING, PROBLEM SOLVING, AND MANAGEMENT PROCESSES IN ORGANIZATIONS 3 CREDITS

This course examines the nature of critical thinking and its impact on management processes in organizations. Topics include various models of critical thinking and decision-making in organizations, the role of critical thinking and reflective judgment in management processes, and the development of reflective judgment in the workplace. Particular attention is placed on methods for surfacing and challenging assumptions held by individuals and groups and how fostering critical thinking is central to organizational learning.

ORG 537 SMALL GROUP DYNAMICS IN ORGANIZATIONS 3 CREDITS

This course provides a theoretical and experiential introduction to small group dynamics and processes with a particular emphasis on application to organizational settings. Topics include perception and communication; group membership and leadership; how groups develop; group facilitation; conflict management; teamwork, and team learning. Students are required to apply concepts to a group outside of class. The classroom will also function in part as a laboratory to study group dynamics.

ORG 538 TRAINING AND DEVELOPMENT IN ORGANIZATIONS 3 CREDITS

PREREQUISITES: GRADUATE STANDING

This course covers the essential competencies in the practice of organizational training and development, including analyzing performance problems; developing skill hierarchies and learning objectives; instructional module development; program evaluation; and transfer of training to the job. This course revolves around the instructional strategy known as criterion-referenced instruction (or instructional systems design). Students are encouraged to bring and apply the concepts to any training activities they may be currently involved with in their own work context.

ORG 570 ORGANIZATIONAL CAPSTONE SEMINAR 3 CREDITS

This seminar is the culminating offering in the program. Students apply concepts from earlier courses within the context of an action learning group. Other topics include learning from experience, action science, and learning organizations.

ORG 670 WORKSHOP 3 CREDITS

Group study of special projects. May not be used to meet graduate major requirements. May be used for elective credit.

ORG 672 LEADERSHIP IN CONTEMPORARY ORGANIZATION 3 CREDITS

This course examines the role of leadership in organizations, with special emphasis on the relationship between leadership and learning, leadership and performance, and leadership in fostering organizational change. Among the issues addressed will be dysfunction between leadership and management, the use of power and influence, and empowerment.

ORG 675 SEMINAR: ISSUES IN BUSINESS**3 CREDITS**

Offered on a one-time basis to study, examine, and reflect upon current trends, issues, and practices.

ORG 695 GRADUATE INTERNSHIP**1-12 CREDITS**

Faculty-supervised, community-based work experiences individually designed to supplement classroom work. In conjunction with faculty advisor, student selects appropriate experience. Maximum of 6 credits count toward degree.

ORG 696 RESEARCH AND READINGS**1-6 CREDITS**

Individual research and analysis of a specific topic under the direction of a faculty member.

ORG 698 THESIS I**3 CREDITS**

Initial research and preparation of thesis proposal.

ORG 699 THESIS II**3 CREDITS**

Preparation of thesis pertaining to a selected research project.

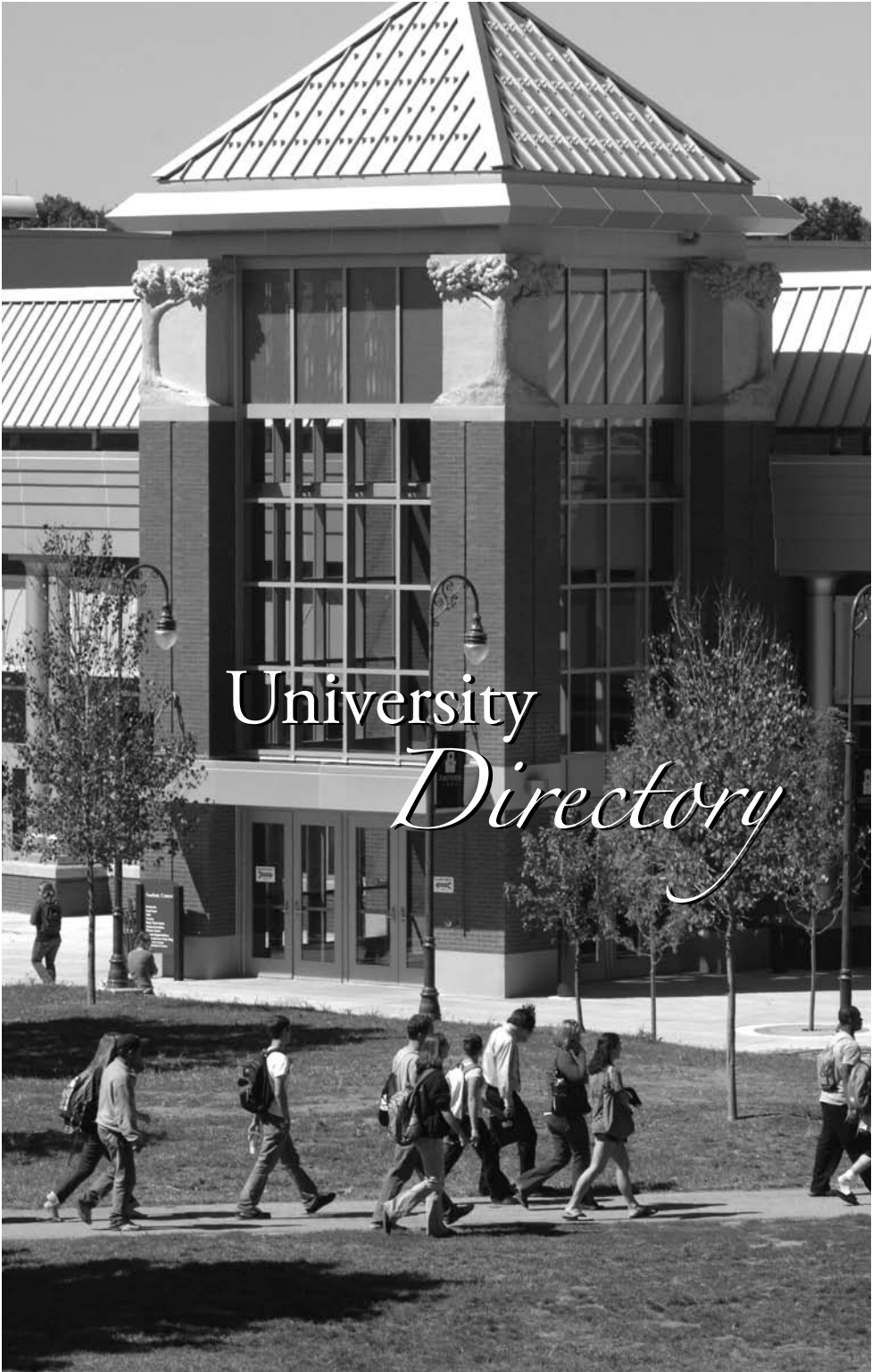
Note: Other courses in the program are listed under Business, Communication, Psychology, and Sociology. See the program curriculum description.

PSYCHOLOGY**PSY 507 INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY 3 CREDITS**

Psychological methods, research findings and theory applied to industry, business, and other organizations. Interface between worker and organization, including performance evaluation, personnel decisions, training, motivation, satisfaction, leadership, organizational influences, communication, job design, work environment, group processes, human relations, and psychological adjustment.

PSY 508 APPLIED SOCIAL PSYCHOLOGY**3 CREDITS**

The study of how people think about, influence, and relate to one another. The relationship between attitudes and behavior, explaining the behavior of self and others, cultural and group influences, persuasion, interpersonal attitudes and relationships, aggression, altruism, cooperation, and competition. Special attention to applications of social psychology within organizations, institutions, and the workplace.



University
Directory

University Administration

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Walter Diaz, *Interim Dean of Students*

Jaime Gomez, *Interim Dean, School of Education/Professional Studies and Graduate Division*

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Walter Zincavage, *Information Security Officer*

FACULTY AND PROFESSIONAL STAFF DIRECTORY

Elsa M. Nuñez, *President of the University*. B.A., Montclair State College; M.A., Fairleigh Dickson University; EdD, Rutgers University.

Carol Abatelli, *Associate Librarian*. B.F.A., School of Visual Arts; MLS, Long Island University; M.A., Manhattanville College

Richard Abrahams, *Coordinator of Capitol Projects*. B.S., New York Institute of Technology; M.L.A., Virginia Polytechnic Institute

Michael Adams, *Professor of Biology*. B.S.c., Dip. Ed., University College of North Wales; M.S., University of Saskatchewan; Ph.D., Duke University

Terrell Adgers, *Resident Area Coordinator*. B.A., North Carolina Wesleyan College

Brian Ahern, *Associate Counselor*. B.A., Eastern Connecticut State University; MSW, University of Connecticut School of Social Work

Claudia Sweetland Ahern, *Head Preschool Teacher*. B.S., Eastern Connecticut State University.

Christopher Ambrosio, *Assistant to the Director of Housing*. B.A., Southern Connecticut State University

Ann Anderberg, *Assistant Professor of Education*. B.A., Connecticut College; M.A., Clark University; Sixth Year, Ph.D., University of Connecticut

Amy Andrade, *Teacher Associate, Child & Family Development Resource Center*. A.S., Manchester Community College

Anthony Aidoo, *Associate Professor of Mathematics*. Teacher's Diploma, University of Cape Coast; B.S., University of Science and Technology; M.S., Ph.D., University of Vermont

Lourdes Ardel, *Manager of Compensation and Training*. B.A., Hofstra University

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Imna Arroyo-Winner, *Professor of Art*. B.F.A, Pratt Institute; M.F.A., Yale University

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Gregory Ashford, *Coordinator of Professional Development*. B.A., University of Vermont

Shirley Audet, *Associate Director of Fiscal Affairs*. B.S., M.S., Eastern Connecticut State University

Joanna Auriantal, *Resident Hall Director*. B.A., Eastern Connecticut State University

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Schedule of Projected Course Offerings for 2010-11

This schedule of projected course offerings is provided to assist students and faculty in course planning.

The schedule indicates course number, abbreviated title, applicable LAC category, and the semester each course is offered.

Courses offered in the day, in the evening, by arrangement, or as needed, are indicated by the following symbols:

D	=	day
E	=	evening
*	=	by arrangement
+	=	as needed (consult department)
SU	=	only offered during summer
S	=	Saturday

For summer and intersession course offerings, consult appropriate department.

NOTE: Course offerings are not guaranteed. Offerings subject to change based upon resources, course attendance and other considerations.

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
ACC 201	Print Acct I	D E	D E	DE	DE
ACC 202	Print Managerial Acct	D E	D E	D E	D E
ACC 301	Inter Acct I	D E	D E	D E	D E
ACC 302	Inter Acct II	D E	D E	D E	D E
ACC 303	Inter Acct III	E	E	D	E
ACC 310	Cost Acct I	D E		D E	
ACC 311	Advanced Managerial Acct.		D E		D E
ACC 410	Advanced Financial Accounting	E	E	D E	D E
ACC 411	Contemporary Issues in Acct	E	D E	E	D E
ACC 412	Auditing	D	E	D	E
ACC 416	Fed Income Tax	E	D	E	D
ACC 420	Acct Info Tech & Bus Solutions	D	E	D	E
ACC 480	Independent Study	*	*		
ACC 490	Internship	*	*		
ACC 492	Dept Internship	*	*		
AMS 251	see HIS 251				
AMS 420	see HIS 420				
AAT 201	Intro Afr Amer 3rd Wld		D		
ANT 106	Cultural Anthro	D	D E	D	D E
ANT 125	Intro to Archaeology	D	D	D	D
ANT 201	Intro Canadian Studies				
ANT 221	Native Americans	D	D	D	D
ANT 222	Native Peoples of Canada	D E	D E	D E	D E

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
ANT 225	Contemp Puerto Rican Cult & Soc		D	D	
ANT 240	Latinos in the U.S.		D		D
ANT 300	Women and Work	D		D	
ANT 330	Cross-Cultural Study	+	+	+	+
ANT 331	Seminar in International Study/Internship In	+	+	+	+
ANT 337	Urban Anthrop	D E	D E	D E	D E
ANT 345	Race, Ethnic and Transnat Ident	D			
ANT 358	Ant of Violence	D	D	D	
ANT 364	Medical Anthrop	D			
ANT 365	Special Topics	*	*	*	*
ANT 492	Internship in Anthropology	+	+	+	+
ART 100	Introduction to Studio Art	D E	D E	D E	D E
ART 110	Two-Dimensional Design	D	D	D	D
ART 111	Three-Dimensional Design	E	D	E	D
ART 112	Color Theory	D	D	D	D
ART 114	Ceramics	+	+	+	+
ART 119	Jewelry	+	+	+	+
ART 122	Digital Illustration and Page Layout	DE	DE	DE	DE
ART 124	Digital Imaging and Basic Website Design	DE	DE	DE	DE
ART 125	Digital Illustration	D	D	D	D
ART 126	Digital Imaging	D	D	D	D
ART 127	Digital Design and Page Layout	D	D	D	D
ART 128	Designing for the Internet	D	D	D	D
ART 140	Explorations in Visual Culture	D	D	D	D
ART 201	Relief Printmaking I	E	D		E
ART 202	Drawing I	DE	DE	DE	DE
ART 203	Graphic Design I	D	D	D	D
ART 204	Graphic Design II	D	D	D	D
ART 205	Water Media	D		D	
ART 206	Sculpture I	D		D	
ART 207	Ceramic Sculpture			D	
ART 208	Surface Design	D		D	
ART 211	Art History I: Pre-History to 1400	D	DE	D	DE
ART 212	Art History II	DE	D	DE	D
ART 213	Creating Information Graphics	D		D	
ART 214	Designing for Life: What We Wear	D			
ART 215	Painting I	D	D	D	D
ART 220	Relief Printmaking II	E		D	
ART 225	Asian Art and Culture (WRT050)	DE		DE	

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ART 226	Public Art: Art and the Community		D		
ART 228	Creative Problem Solving for Designers				
ART 230	Visual Journals and Bookmaking		D	E	
ART 233	Graphic Design History	D			
ART 235	Relief Sculpture	D	D	D	D
ART 306	Wood Sculpture				E
ART 307	Portraiture		E	D	
ART 308	Painting II	D		E	
ART 309	Figure Drawing I	E	E	E	E
ART 313	Renaissance Art		DE		
ART 314	Landscape Painting I			D	
ART 315	Figure Modeling				E
ART 317	Polyester Plate Lithography	E			
ART 318	Intaglio Printmaking I			E	
ART 319	Expressions with Handmade Paper				D
ART 320	Water Based Screen Printing I				E
ART 324	Metal Construction		D		D
ART 325	Animation/Multimedia				D
ART 327	Magazine Design				D
ART 329	Graphic Design II	D	D	D	D
ART 330	Package Design			D	
ART 334	Art Exhibition: Design, Documentation, and Publicity		D		D
ART 335	Graphic Design III	D			D
ART 338	Graphic Design Style				D
ART 340	Modern Art (WRT075)*		DE		
ART 343	Introduction to 3D Animation	E		E	
ART 345	Museum Studies	E		E	
ART 350	Video Art	E		E	
ART 352	Drawing II	DE	DE	D	D
ART 355	Women and the Visual Arts				DE
ART 360	American Art	D			
ART 365	Special Topics in Art	D	D	D	D
ART 369	African American Art				DE
ART 370	Art in the Classroom	D	D	D	D
ART 390	Practicum	*	*	*	*
ART 395	Drawing in Color	D			D
ART 402	Issues in Contemporary Art (WRT075)				DE
ART 403	3D Imaging/Animation I				E
ART 406	Sculpture II	D		D	

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ART 408	Advanced Painting			E	
ART 409	Figure Drawing II	E	E	E	E
ART 410	Web Design I		D		D
ART 412	Web Design II		D		D
ART 414	Landscape Painting II			D	
ART 415	Advanced Figure Modeling				E
ART 418	Water-Based Screen Printing II				E
ART 419	Professional Practices for Studio Artists	+	D	+	D
ART 420	Intaglio Printmaking II		D		D
ART 421	Digital Portfolio Preparation		D		
ART 430	Advanced Drawing	D	D	D	D
ART 432	ECSU Design Group	D		D	
ART 436	Graphic Design IV		D		D
ART 450	Advanced Digital Illustration		D		
ART 451	Motion Graphics		D		
ART 470	Advanced Topics in Art	*	*	*	*
ART 480	Independent Study	*	*	*	*
ART 485	Senior Project in Studio Art	*	*	*	*
ART 486	Senior Project in Art History	*	*	*	*
ART 490	Internship	*	*	*	*
AST 214	Descript Astronomy	E	E	ED	ED
AST 225	Stars and Galaxies	+	+	D	+
AST 226	Intro to Solar System	D		D	
AST 360-69 AST360-69	Topics/Astronomy	*	*	*	*
AST 375	Math Astronomy & Astrophy	*	*	*	*
AST 380	Tutorial Astron	*	*	*	*
AST 480	Indep Stud in Astron	*	*	*	*
AST 490	Planetarium Workshop	*	*	*	*
AST 495	Planetarium Internship	*	*	*	*
BIO 120	Organismal Biology w/Lab	D	D	D	D
BIO 130	General Ecology w/Lab	D	D	D	D
BIO 180	Freshman Supervised Study	*	*	*	*
BIO 200	Ecology and the Environment Lecture	D		D	
BIO 201	Ecology and the Environment Lab	D		D	
BIO 202	Human Biology Lect	D E	D E	D E	D E
BIO 203	Human Biology Lab	D E	D E	D E	D E
BIO 205	Insects & Human Soc. w/Lab		D		D
BIO 206	Epidemiology for the Liberal Arts		D E		D E
BIO 207	Plants & Human Aff w/Lab	+	+	+	+

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BIO 220	Cell Structure and Function w/Lab	D	D	D	D
BIO 228	Introduction to Public Health	+	DE	+	DE
BIO 230	General Genetics w/Lab	D	D	D	D
BIO 280	Sophomore Supervised Study	*	*	*	*
BIO 301	Microbes and Your Health Lecture	D E	D	D E	D
BIO 302	Microbes and Your Health Laboratory		D		D
BIO 303	Applied Human Physiology	*	*	*	*
BIO 304	Genetics and Society Lecture		D		D
BIO 305	The Animal World	D		D	
BIO 308	General Ecology	E	D	E	
BIO 309	Summer Flora of Connecticut		SU		SU
BIO 310	Process of Sci/Soc		D	D	
BIO 314	Genetics and Society Lab		D		D
BIO 319	Oceanic Island Ecology		DE		
BIO 320	Tropical Biology				
BIO 324	Entomology w/Lab			D	
BIO 330	Cell Biology w/Lab	D			
BIO 332	Bio of Plants w/Lab	D		D	
BIO 334	Gen. Micro w/Lab		D		D
BIO 336	Invertebr Bio w/Lab	D			
BIO 338	Vertebr Bio w/Lab			D	
BIO 340	Parasitology w/Lab			D	
BIO 346	Animal behavior w/Lab	D			
BIO 348	Func Human Ana w/Lab	D		D	
BIO 350	Human Phys w/Lab		D		D
BIO 360	Topics: Trop Eco Syst				D
BIO 363	Field Ornithology	D			
BIO 365	Special Topics in Biology	+	+	+	+
BIO 366	Topics: Molec Aspec		D		D
BIO 367	Topics: Ultrastruct	D		D	
BIO 378	Bio. Res. and Data Analysis		D		
BIO 380	Independent Study I	*	*	*	*
BIO 404	Immunology		D		
BIO 420	Electron Microsc w/Lab		D		D
BIO 422	Rsrch Methods in Molec Bio w/Lab		D		D
BIO 428	Virology w/Lab	D			
BIO 430	Endocrinology w/Lab			D	
BIO 432	Histology w/Lab		D		
BIO 434	Developm Bio w/Lab			D	
BIO 436	Molec Genetics w/Lab			D	

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
BIO 438	Plant Phys w/Lab				D
BIO 440	Aquatic Bio w/Lab	D			
BIO 442	Plant Ecolog w/Lab	D			
BIO 444	Pop Ecology w/Lab				D
BIO 446	Terrestr Ecol w/Lab			D	
BIO 448	Phys Ecology w/Lab		D		
BIO 450	Biotechnol w/Lab			D	
BIO 452	Conservation Biology w/Lab			D	
BIO 454	Biological Invasions w/Lab		D		D
BIO 456	Marine Ecology w/Lab			D	
BIO 466	Seminar in Bio	D	D	D	D
BIO 480	Independent Study II	*	*	*	*
BIO 488	Honors Thesis Rsrch	*	*	*	*
BIO 490	Teaching Assist I	*	*	*	*
BIO 491	Teaching Assist II	*	*	*	*
BIO 494	Supervis Field Exp	*	*	*	*
BIS 361	Bus. Info. Sys. and Web Tech.	DE	D	D E	D
BIS 364	Introduction to Social Informatics	*	*	*	*
BIS 365	Emerging Technologies and Business Applications	E		E	
BIS 370	Systems Analysis and Design	E			
BIS 375	Electronic Commerce		E	E	E
BIS 377	Organizational Website and Database Management	E	E	E	E
BUS 420	Accounting Information Technology and Business Solutions	D	E	D	E
BIS 430	Ent. Res. Planning and E-Bus.		E		E
BIS 440	Bus. Data Comm and E-Networks		E	E	
BIS 442	Info. Tech. Proj. Mgt.	D	D	D	D
BIS 461	Sem. On Info. Sys. and Bus. Strat.				E
BIS 462	Seminar in Health Care Mgt.			E	
BIS 480	Independent Study	+	+	+	+
BIS 490	Internship in BIS	+	+	+	+
BUS 201	Principles of Management	DE	DE	DE	DE
BUS 205	Information Management	D E	D E	D E	D E
BUS 225	Marketing	D E	D E	D E	D E
BUS 230	Business and Society	D E	D	D E	D
BUS 234	Supervision and Training	+	+	+	+
BUS 245	Finance	D E	D E	D E	D E
BUS 250	Bus Law I	D E	D E	D E	D E
BUS 260	Oper Management	D E	D E	E	D E

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
BUS 300	Business Law II	E	E	E	E
BUS 301	Business Ethics	DE	DE	DE	DE
BUS 310	Contemp Issues in Employ Law	+	+	+	+
BUS 321	Advertising	D E		D E	
BUS 324	Mkt Man for Hos Ind	+	*	D	D
BUS 325	Consumer Behavior	D E		D E	
BUS 326	Sales Management	D E		D E	
BUS 327	Industrial Mkt	D E	+	D E	+
BUS 329	International Mkt	D	E	D	E
BUS 330	Industrial Lab Rel			E	
BUS 331	Org Behavior	E	D		E
BUS 332	Mgmt of Org	E	+	D	+
BUS 333	Personnel Admin	D	+	E	+
BUS 334	Intro to Hospitality Industry	+	+	+	+
BUS 345	Corporate Finance	+	+	+	+
BUS 346	Invest Analysis	D	E	D	E
BUS 347	Financial Inst	E	+	*	+
BUS 348	Personal Finance	D E	+	E	+
BUS 349	Real Estate Finance		E		E
BUS 351	Adv Bus Concepts	D E	D E	D E	D E
BUS 360	Supply and Chain Management		D+		D+
BUS 361	Systems/Operations	E	E	D	E
BUS 362	Global Operations	E	E	E	E
BUS 365	Business Report Writing With Microcomputer Applications	E+			
BUS 366	Lean Production Management		E		E
BUS 370	Bus Pers/Canada/US	+	+	+	+
BUS 374	Intro to Entrepreneur	E		E	
BUS 375	Entrepreneur Finance	+	+	+	+
BUS 377	Small Bus Planning	+	+	+	+
BUS 428	Marketing Research	+	E	+	E
BUS 429	Strategic Marketing		D		D
BUS 431	Mgmt Policy/Strat	D E	D E	D E	D E
BUS 433	Mthd Hum Res Mgmt	+	+	+	+
BUS 434	Org Imp & Man Dev	+	+	+	+
BUS 437	Int'l Finance	D	E	D	E
BUS 438	Bank Management	E		E	
BUS 442	Information Technology Project Management		D		D
BUS 445	Stud in Fin Mgmt/Elec Spdsheets	+	+	+	+
BUS 446	Derivatives	+	+	+	+

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
BUS 450	Int'l Business	D	E	D	E
BUS 460	Chase Fellows Hon	*	*	*	*
BUS 462	Seminar in Finance	*	*	*	*
BUS 463	Seminar in Int'l Bus	*	*	*	*
BUS 464	Seminar in Mgmt	*	*	*	*
BUS 465	Seminar in Marketing	*	*	*	*
BUS 466	Seminar in Non-Profit Org	*	*	*	*
BUS 467	Seminar in Oper and Sys	*	*	*	*
BUS 468	Seminar in Small Bus	+	+	+	+
BUS 469	Seminar in Special Studs	*	*	*	*
BUS 480	Independent Study	*	*	*	*
BUS 490	Internship	*	*	*	*
BUS 492	Dept Intership	*	*	*	*
BUS 531	Org Behavior	E		E	
BUS 532	Mngmnt of Org	E		E	
BUS 533	Sem Mthds Human Resource Mgt	E		E	
BUS 545	Financial Management	+	+	+	+
CAS 201	Intro to Canadian Studies				
CAS 222	see ANT 222				
CAS 271	see HIS 271				
CAS 305	see PSC 305				
CAS 310	see CHE 310				
CAS 329	see BUS 329	+	+	+	+
CAS 329	see ECO 329	+	+	+	+
CAS 365	Topics in Canada St	*	*	*	*
CAS 370	see BUS 370				
CAS 465	Seminar in Canada St	D			
CHE 200	Intro Chem Lecture w/Lab		D		D
CHE 205	Chem of Life w/Lab	D		D	
CHE 210	Gen Chem I – Lect	D		D	
CHE 211	Gen Chem II – Lect		D		D
CHE 212L	Gen Chem I – Lab	D E		D E	
CHE 213L	Gen Chem II – Lab		D E		D E
CHE 216	Organ Chem I Lect and Lab	D		D	
CHE 217	Organ Chem II Lect and Lab		D		D
CHE 310	Envir Chem				
CHE 316	Biochemistry I – Lect	D		D	
CHE 317	Biochemistry I – Lab	D		D	
CHE 318	Biochemistry II – Lect		D		D

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
CHE 319	Biochemistry II – Lab		D		D
CHE 320	Quant Analysis Lect and Lab				
CHE 322	Phys Chem				
CHE 323	Physical Biochemistry		D		D
CHE 360	Topics in Chem		D		
CHE 370	Org Qual Analysis		D		
CHE 380	Tutorial in Chem	*	*	*	*
CHE 410	Physical Biochemistry Techniques		D		D
CHE 425	Chemical Instrumentation	D		D	
CHE 480	Independent Study	*	*	*	*
CHE 490	Intern Chem Teach	*	*	*	*
CHE 492	Directed Research	*	*	*	*
CHI 110	Intro Chinese I	D		D	
CHI 111	Intro Chinese II		D		D
COM 100	Intro Mass Comm	D E	D E	D E	D E
COM 101	Interpersonal Comm	D E	D E	D E	D E
COM 115	Intro to Video Editing	D	D	D	D
COM 120	Television Production I	D	D	D	D
COM 174	Resources, Res., Resp	*	*	*	*
COM 190	Newspaper Pract	*	*	*	*
COM 191	Yearbook Practicum	*	*	*	*
COM 210	Photography I	D	D	D	D
COM 215	Media Aesthetics	D	D	D	D
COM 220	Television Production II	D E	D E	D E	D E
COM 230	Basic Speech	D	D	D	D
COM 241	Intro Rad, New Med and Audio Tech	E	E	E	E
COM 245	Dig Aud Prod for Rad, Vid and Inter	E	E	E	E
COM 260	Intro to Public Relations	D	D	D	D
COM 270	Adver Essent	D	D	D	D
COM 290	Television Practicum	*	*	*	*
COM 291	Radio Practicum	*	*	*	*
COM 292	Applied Comm Practicum	*	*	*	*
COM 300	Comm Law and Ethics	D	D	D	D
COM 301	Persuasion	D	D	D	D
COM 310	Digital Photography	D	D	D	D
COM 312	Prof Presentations	D	D E	D	D E
COM 320	Television Prod III	D E	D E	D E	D E
COM 321	History of Comm	D	D	D	D
COM 325	Motion Graphics and Visual Effects	D	D	D	D

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
COM 330	Org Comm	D	D	D	D
COM 340	Broadcast Mgmt	D	D	D	D
COM 350	Comm Writing	D E	D E	D E	D E
COM 351	Contemp Print Jour	D	D	D	D
COM 355	Radio and TV News Wrting	D	D	D	D
COM 357	Scriptwriting	D	+	D	+
COM 358	Scriptwriting and Pres	+	D	+	D
COM 361	Publication Design	D	D	D	D
COM 364	Pub Rel Writing Methods	D	D	D	D
COM 372	Intern Advert and Pub Rel	D	D	D	D
COM 373	Advertising Copywriting	D E	D	D E	E
COM 400	Communication Research	D	DE	D	DE
COM 403	Mass Comm Theory	D	D E	D	D E
COM 420	Workshop in TV Dir	D	D	D	D
COM 425	Advanced TV Workshop: News	E	D	E	D
COM 430	Non-Linear Editing	D	D	D	D
COM 435	Docum Production	D	D	D	D
COM 440	Wrksp in Rad and Aud	D	D	D	D
COM 450	Advanced Journalism	+	+	+	+
COM 460	Special Topics	+	+	+	+
COM 464	PR Crisis Management	D	D	D	D
COM 468	Public Rel Campaigns	D	D	D	D
COM 476	Adver Med Plan	D	D	D	D
COM 478	Adver Campaigns	D	D	D	D
COM 480	Independent Study	*	*	*	*
COM 490	Internship	*	*	*	*
COM 491	Internship	*	*	*	*
COM 512	Organizational Presentations	E	+	E	+
COM 530	Org Communication	+	E	+	E
COM 550	Ed TV and Media Conv	+	+	+	+
CSC 100	Computer Concepts	D	E	D	E
CSC 110	Intro to Computing and Prob. Solv	D E	D	D E	D
CSC 200	Manag. Systems	+	+	+	+
CSC 210	Comp Science and Programming I	DE	D	DE	D
CSC 212	Computer Game Design and Visualization	D	D	D	D
CSC 215	Introduction To Web Development	D	DE	D	D
CSC 220	Visualizing Data, Information & Ideas	E	D	D	D
CSC 231	Comp Science and Programming II	D	D	D	E
CSC 249	Visual Basic	E	D	E	D

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CSC 250	Applied Computing In Education	E	E	E	E
CSC 251	Net-centric Computing	D	E	D	D
CSC 259	Advanced Visual Basic	+	+	+	+
CSC 269	Spec. Topics in Comp. Lang.	*	*	*	*
CSC 305	Data Mining and Application	+	+	+	+
CSC 311	Video Games with Games Engines	D	+	+	+
CSC 312	Computer Graphics	+	+	+	+
CSC 320	Comp Org and Architech	D		E	
CSC 325	Introduction To Theory of Computing	+	+	+	+
CSC 330	Data Structures	D	D	E	D
CSC 335	Computer Algorithms	D		E	
CSC 337	Computer Networks Distributed	+	+	+	+
CSC 338	Comp Net Distr Procs Prog	+	+	+	+
CSC 339	Network Mgmt and Admin	+	+	+	+
CSC 340	Prog Lang and Translation		D		E
CSC 341	Database and Information Mgmt	E		D	
CSC 344	Operating Systems		E		D
CSC 347	Embedded Micro-controllers	+	+	+	+
CSC 350	see MAT 350	+	+	+	+
CSC 351	Signals and Systems	+	+	+	+
CSC 352	Digital Signal Processing	+	+	+	+
CSC 353	Introduction to Wavelet	+	+	+	+
CSC 355	Digital Logic	+	+	+	+
CSC 356	Digital Logic (Lab)	+	+	+	+
CSC 358	Parallel Processing	+	+	+	+
CSC 360	Topics in CSC	+	+	+	+
CSC 375	Artificial Intelligence	+	+	+	+
CSC 410	Client/Server Computing	+	+	+	+
CSC 420	Microprocessors	+	+	+	+
CSC 430	Computabil and Auto	+	+	+	+
CSC 445	Software Engineering		D		E
CSC 450	Senior Seminar		E		D
CSC 455	Comp Sys Perf Eval	+	+	+	+
CSC 456	Advanced Software Development	+	+	+	+
CSC 461-69	Sem in Selected Computer Topics	+	+	+	+
CSC 475	Intelligent Systems	+	+	+	+
DNC 130	Intro Dance History	D		D	
DNC 232	Modern Dance I			D	
DNC 233	Modern Dance II			D	

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DNC 236	Jazz Dance I	D	*	*	*
DNC 237	Jazz Dance II	D	*	*	*
DNC 242	Ballet I				
DNC 243	Ballet II				
DNC 330	Concepts of Dance	D		D	
DNC 334	Modern Dance III				D
DNC 335	Modern Dance IV				D
DNC 338	Jazz III	*	D	*	*
DNC 339	Jazz IV	*	D	*	*
DNC 344	Ballet III				
DNC 345	Ballet IV				
DNC 346	Improvisation			D	
DNC 347	Dance Workshop				
DNC 395	Dance Practicum	*	*	*	*
DNC 445	Dance Comp				
DNC 480	Independent Study	*	*	*	*
DNC 491	Dance Internship	*	*	*	*
ECE 215	Fnd of ECE	DE	D E	DE	D E
ECE 305	Intro to Early Child Special Ed	DE	E	DE	E
ECE 315	Classroom Environments	D	D	D	D
ECE 325	Language and Literacy	D	D	D	D
ECE 335	The Integrated Curriculum in ECE	D	D	D	D
ECE 345	Classroom Environments II	E	E	E	E
ECE 355	Reading and Writing in Primary Yrs	D	D	D	D
ECE 405	Adapt EC Curr for Inclusive Class	E	E	E	E
ECE 415	Math Science Curric in ECE	D	D	D	D
ECE 425	Practicum in ECE	D	D	D	D
ECE 435	Assessment in Early Childhood	E	E	E	E
ECE 445	Student Teach (Grades 1, 2 or 3)	D	D	D	D
ECE 500	Adv Stud Early Child Dev	E		E	
ECE 501	Families, Communities, & Culture		E		E
ECE 503	Lang and Literary	E		E	
ECE 504	Early Childhood Curr	E		E	
ECE 505	Young Child Spec Needs				
ECE 506	Adaptations for Diverse Needs		E		E
ECE 507	Literacy and Culture		E		E
ECE 509	Seminar for Preservice Teachers				
ECE 510	Math and Science in ECE	E		E	
ECE 512	Technology in ECE Classroom		E		E

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
ECE 565	Graduate Student Teaching (ECE)	D	D	D	D
ECE 566	Practicum in EC Special Ed	D	D	D	D
ECE 575	Assessment in ECE	E	E	E	E
ECE 670	Workshop	+	+	+	+
ECE 675	Seminar	+	+	+	+
ECE 695	Grad Internship	*	*	*	*
ECE 696	Research and Readings	*	*	*	*
ECE 699	Thesis II	*	*	*	*
ECO 100	Pol Eco Soc Iss	D	D	D	D
ECO 105	Global Economics	D		D	
ECO 200	Prin Macroeconmcs	D E	D	D E	D
ECO 201	Prin Microeconmcs	D	D E	D	D E
ECO 210	Economics and the Environment	D		D	
ECO 215	Stats for Bus/Eco	DE	DE	DE	DE
ECO 300	Math for Economics	D		D	
ECO 301	Int. Microeconomics		D		D
ECO 302	Int. Macroeconomics	D		D	
ECO 305	Intro Econometrics		D		D
ECO 310	Contemp Eco Issues	+	+	+	+
ECO 315	Govt & Business	D		D	
ECO 320	Developing Eco	D	*	*	*
ECO 322	Environmental Economics	D		D	
ECO 325	Money and Banking		D	E	D
ECO 329	Pol Eco Lbr Relat		D		D
ECO 330	Labor Economics	D		D	
ECO 335	Urban and Reg Eco			D	
ECO 340	Bus Cyc and Frctng	*	*	*	
ECO 345	Industrial Org and Dev	*	*	*	*
ECO 350	International Economics		D		D
ECO 353	International Monetary Economics			D	
ECO 355	Int'l Pol Economy		D		
ECO 360	Compar Eco Systems	+	+	+	+
ECO 370	Hist Eco Thought	+	+	+	+
ECO 375	Quant Mtds Bus/Eco		D		D
ECO 377	Public Finance	E		+	+
ECO 465	Special Topics in Economics	+	+	D	+
ECO 479	Senior Eco Seminar	D	D	D	D
EDU 101	Teaching in the 21st Century	*	*	*	*

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EDU 110	Introduction to Education	D		D	
EDU 200	Child and Adol Dev	D E	D E	D E	D E
EDU 210	Edu Schlng Am Soc	D E	D E	D E	D E
EDU 250	Applied Info Tech for Education	E	E	E	E
EDU 260	Int Womens Studies	+	+	+	+
EDU 300	Learning/Teaching		D		D
EDU 304	Learn/Teach in Elem Classroom		D		D
EDU 305	Reading and Language Arts I		D		D
EDU 306	Reading and Language Arts II	D		D	
EDU 307	Inclusive Elementary Classrooms		E		E
EDU 308	Inclusive Secondary Classrooms	D		D	
EDU 365	Special Topics	+	+	+	+
EDU 410	Reading/Content		D		D
EDU 411	Methods in Elem Math	D		D	
EDU 412	Methods in Elementary Soc Stud	D		D	
EDU 413	Methods in Elementary Science	D		D	
EDU 425	Classroom Mang. & Assessment in the Secondary School	E	E	E	E
EDU 438	Parenting	+	+	+	+
EDU 460	P+P Tech/Bio/EES	E		E	
EDU 462	P+P Tch English	E		E	
EDU 463	P+P Tch History	E		E	
EDU 464	P+P Tch Math	E		E	
EDU 465	Classroom Mang. & Assessment in the Elementary School	E	E	E	E
EDU 470	S Tch Elem	D	D	D	D
EDU 471	S Tch Secondary	D	D	D	D
EDU 480	Independent Study	*	*	*	*
EDU 490	Internship	*	*	*	*
EDU 501	Clinical Experiences I	D	D	D	D
EDU 502	Clinical Experiences II	D	D	D	D
EDU 503	Clinical Experiences III	D	D	D	D
EDU 507	Parenting	+	+	+	+
EDU 508	Research in Education (also online)	E	E	E	E
EDU 511	Lrn Tch Cncp & Mod (also online)	E	E	E	E
EDU 525	Classroom Mang. & Assessment in the Secondary School	E	E	E	E
EDU 527	Creat Drama Clsrm	+	+	+	+
EDU 530	Mod Math Clsrm I	+	+	+	+
EDU 532	Cur Iss Trnds Math		E		E
EDU 537	Sci in Elem School		E		E

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
EDU 541	Curr Inov in Sci				E
EDU 542	Cur Iss Trnds Sci				
EDU 544	Patterns of Dev: Typical & Excep	E		E	
EDU 545	Curr Dev and Eval	E	E	E	E
EDU 546	Issues and Application in Secondary Mathematics	E		E	
EDU 553	Computers Classroom Curriculum	E		E	E
EDU 554	Logo	+	+	+	+
EDU 555	Educ and Society	E	E	E	E
EDU 556	Technology Applications In Mathematics				
EDU 557	Intl/Crs-cltrl Ed	+	+	+	+
EDU 559	Curriculum Innovations In Social Studies				
EDU 560	Curriculum Development and Evaluation: Mathematics/Science				
EDU 562	Curriculum Development and Evaluation: English/Social Studies				
EDU 563	Iss Trnds SS		E		E
EDU 565	Classroom Mang. and Assessment in the Elem. School	E	E	E	E
EDU 570	Captstone Seminar	E	E	E	E
EDU 571	Grad Stud Teach (Sec School)	D	D	D	D
EDU 572	Philosophy of Education	*	*	*	*
EDU 573	Grad Stud Teach (Elem Sch)	D	D	D	D
EDU 574	Sem in School Law	+	+	+	+
EDU 577	Edu Comp Theo Prac				
EDU 580	Prod Tools Cur App				
EDU 581	Tchng Gftd and Tlntd	+	+	+	+
EDU 582	Teaching Exceptional Students	E	E	E	E
EDU 586	Stdy of Teaching	+	+	+	+
EDU 605	School Finance	+	+	+	+
EDU 620	Technology Planning and Evaluation			E	
EDU 621	Supervision of Teaching and Learning with Technology	E			
EDU 622	Administrative Applications of Educational		E		
EDU 624	Social, Legal, and Ethical Issues In Instruction Technology				E
EDU 670	Workshop	+	+	+	+
EDU 675	Seminar	+	+	+	+
EDU 695	Grad Internship	*	*	*	*
EDU 696	Research and Readings	*	*	*	*
EDU 699	Thesis I	*	*	*	*
EDU 699	Thesis II	*	*	*	*

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
EES 104	Dynamic Earth Lec	D	D	D	D
EES 106	Geology of National Parks	+	+	+	+
EES 110	Intro Geology	+	+	+	+
EES 112	Earth Science Laboratory	+	+	+	+
EES 125	Geology of Natural Resources	+	+	+	+
EES 130	Ancient Envir Lec		D		D
EES 200	Oceanography	DE	E	DE	E
EES 202	Geological Setting of Connecticut	+	+	+	+
EES 204	Global Climate Change	+	+	+	+
EES 205	Sustainable Energy	+	+	+	+
EES 206	Impact of an Ice Age	+	+	+	+
EES 207	Sustainable Energy Lab	D	D	D	D
EES 220	Environmental Geology	+	+	+	+
EES 221	Environmental Geology Lab		D		D
EES 222	Water and Society	+	+	+	+
EES 224	Landform Analysis Lec		D		D
EES 230	Scientific Dimensions of National Disasters		+		+
EES 305	Sustainable Energy Res.	+		E	
EES 306	Sustainable Energy Applications		+		+
EES 307	Sustainable Energy and Sustainable Development	SU	SU	SU	SU
EES 310	Phys Geography	+	+	+	+
EES 312	Phys Geography w/Lab	+	+	+	+
EES 315	Environmental Science and Society	E	E	E	E
EES 320	Environmental Mgmt		+		+
EES 321	Intro to Watershed Management	+	+	+	+
EES 322	Hydrology w/La	D		D	
EES 323	Drinking Water Management		SU		SU
EES 330	Mineralogy and Rock Analysis	D		D	
EES 336	Applied Hydrogeochemistry			+	+
EES 340	Geo Info Sys	D		D	
EES 342	Adv Geo Info Sys		D		D
EES 344	Sediment and Stratig		D		D
EES 350	Field Meth in Ear Sci	D		D	
EES 356	Struc Geo and Envir Appl.		D		D
EES 361	Gemstones	+	+	+	+
EES 362	Climate and Weather	E	E	E	E
EES 392	EES Practicum	+	+	+	+
EES 402	Energy Issues in Geoscience			E	
EES 405	Sustainable Energy Analysis	+	+	+	+

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
EES 422	Groundwater Hydro		+	+	D
EES 423	Health/Safety at Hazard Waste Sites		E		E
EES 424	Glacial Geology	D			
EES 428	Geol Regions in N.A.	+	+	+	+
EES 430	Optical Mineralogy with Lab	*	*	*	*
EES 436	Intro Contaminant Hydro	+	+	+	D
EES 440	Process Geomorphology	D			
EES 444	GIS Appl in Environ Sci	+	+	+	+
EES 457	Instr Meth EES	*	*	*	*
EES 460-462	Spec. Topics in EES	*	*	*	*
EES 480	Ind Study in EES	D	D	D	D
EES 486-488	Earth Sci Rsrch	*	*	*	*
EES 490	Intern in EarthSciLab	+	+	+	+
EES 491	Intern in EnvEarthSci	+	+	+	+
ENG 100P	College Writing Plus	D	D	D	D
ENG 100	College Writing	D E	D E	D E	D E
ENG 125	Intro to Lit	D E	D E	D E	D E
ENG 200	Read/Write/Argument	D	D	D	D
ENG 202	Intro Eng Studies	D	D	D	D
ENG 203	Writing/Eng Majors	D E	D E	D E	D E
ENG 205	Intro. Creative Writing	D E	D E	D E	D E
ENG 210	Lit West Soc to 1400	E		D E	
ENG 211	Lit West Soc from 1400		E		D E
ENG 212	Amer Lit to 1865	D		D E	
ENG 213	Amer Lit from 1865	D		D E	
ENG 214	Eng Lit to 1798	D		D	
ENG 215	Eng Lit from 1798		D		D
ENG 225	Fiction	D E	D E	D E	D E
ENG 226	Drama	E	D	D	D
ENG 227	Poetry	D	D E	D	D E
ENG 228	Poetry of Women	E		D	
ENG 234	Contemp Fiction	D		D E	
ENG 235	Literature of the Bible	D+	D+	D+	D+
ENG 241	Critic & Creat Thinking	D E	D	D E	D
ENG 242	Lit & Soc Issues		D E		D
ENG 250	World Mythologies	D E	D E		E
ENG 251	see HIS 251				
ENG 255	African Amer Lit & Cult	D		D	

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
ENG 256	Native Amer Lit			D	
ENG 258	Asian-American Lit	D		E	
ENG 259	Chicano/a Lit and Cult		D		
ENG 260	Intro Women's Studies	D	E	D	E
ENG 461	Senior Seminar I	E	E	E	E
ENG 462	Senior Seminar II	E	E	E	E
ENG 266	Mini-Lit	+	+	+	+
ENG 275	Tutoring Writing	D		D	
ENG 300	Professional Writing	E		E	
ENG 301	Writing Fiction	E	D	E	D
ENG 302	Writing Poetry	E	D	E	D
ENG 307	Medieval Woman Mystics	D E		D E	
ENG 308	Playwriting	+	+	+	+
ENG 309	Writing for Children/Young Adults	D E			D E
ENG 316	Medieval British Lit			D	
ENG 317	Renaissance Lit		D		
ENG 318	Restoration Lit	E			
ENG 319	Age of Sensibility			D	
ENG 320	Victorian Lit and Culture		D		
ENG 322	Brit. Lit/Romantic	D			
ENG 323	17th Cent Engl Poetry		D		
ENG 324	see WLC 324/WST				
ENG 325	Modern Drama		E		D
ENG 326	Contemporary Drama	E		E	
ENG 328	Children's Lit	E		D	
ENG 329	Adolescent Lit	E		E	
ENG 331	Early 18th Century Literature and Culture	D E		D E	
ENG 332	Mod Brit and Amer Poetry		D		D
ENG 333	The Modern Novel	E		D	
ENG 334	Post Mod and Contemp Poet		E		D
ENG 335	Shakespeare's Comedies	D		D	
ENG 336	Shakespeare's Tragedies		E		D
ENG 337	Chaucer			D	
ENG 340	Hist and Dev Eng Lang	D		E	
ENG 341	Mod Amer Grammar	D	D		D
ENG 342	Lit. New England	+	+	+	+
ENG 344	African Lit		E		E
ENG 345	American Ethnic Min Lit	+	+	+	+
ENG 347	African American English		D		

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
ENG 351	Feminist Theories		D		D
ENG 353	Storytelling			D	
ENG 355	Mod European Lit	+	+	+	+
ENG 356	Women Writ to 1900	E			D
ENG 357	20th Cen Women Writ		D		D E
ENG 358	Literary Criticism	+	+	D+	+
ENG 365	Topics in Lit/Lang/Writing	D	D	D	D
ENG 370	Comp Theory/Pedagogy		D		D
ENG 371	Rhetoric and Rhet Theory		D		D
ENG 375	Lang Acqu in Young Children		D		D
ENG 380	Creative Nonfiction		D		D
ENG 381	Advan Fiction Workshop	D E		D E	
ENG 382	Advan Poetry Workshop		D E		D E
ENG 383	Literary Publishing	+	D E+	+	+
ENG 420	see HIS 420				
ENG 461	Senior Seminar	E	E	E	E
ENG 462	Senior Seminar	E	E	E	E
ENG 480	Independent Study	*	*	*	*
ENG 493	Intern Coll Writing	*	*	*	*
ENG 494	Intern Coll English	*	*	*	*
ENG 495	Intern Writing & Edit	*	*	*	*
ENG 499	Directed Research	*	*	*	*
FLM 101	Introduction to Film	D E		D E	
FLM 321	FilmAppre:AmerCine		D E		
FLM 322	FilmAppre:WorldCine				D E
FRE 110	Intro French I	D	D	D	D
FRE 110-111	Intro French I and II		D		D
FRE 111	Intro French II		D		D
FRE 116	Intro to French-Spkng Wrld	D E		D E	
FRE 210	Intern French I	D		D	
FRE 211	Intern French II		D		D
FRE 231	Women Writers Fre-Speak		E		E
FRE 310	Adv. French I	D		D	
FRE 311	Adv. French II		D		D
FRE 313	Lang and Style I: Convs & Comp		+		D
FRE 314	Lang and Style II: Stylistics		+		D
FRE 316	Cultures French-Speak World	+	+	+	+
FRE 320	Literature I: France	+	+	+	+
FRE 321	Lit II: French Speak World	+	+	+	+

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
FRE 365	Special Topics	D	D	D	D
FRE 430	Methods Tch Foreign Lang		E		E
FRE 480	Independent Study	+	+	+	+
FRE 490	Internship	+	+	+	+
FRE 495	Field Experiences	+	+	+	+
GEO 100	Intro Geography		D	D	D
GEO 110	Urban Geography	+	+	+	+
GEO 210	Geo of United States and Canada	D			D
GEO 228	Hist Geo of US			D	
GEO 331	Geography of Food		D		
GEO 333	Global Geopol Divisions	E			D
GEO 337	Economic Geography			D	
GEO 365	Sp Topics: Geography	E	+	+	+
GEO 480	Independent Study	*	*	*	*
HIS 115	Intro World Hist I				
HIS 116	Modern World	D	D E	D	D E
HIS 120	Early America	D	D	D	D E
HIS 121	Recent America	D	D E	D	D
HIS 200	Research and Writing	D	D	DE	D
HIS 203	Renaissance and Reformation				
HIS 205	Eur Hist 1815-1914				D
HIS 206	20th Century Europe		D		
HIS 221	Native American History	D			D
HIS 230	West Civ I pre 1500	D	D E	D	D E
HIS 231	West Civ II post 1500	D	D	D	D E
HIS 241	American Frontier	D			
HIS 243	Churches and Mod Civ Rts				D
HIS 244	Immigrant Women			D	
HIS 245	African-Amer Religion	E		D	
HIS 250	History of New England		+	+	+
HIS 251	Intro to American Soc	D			D
HIS 253	U.S. Environmental History		D		
HIS 255	Intro to Latin Amer		D		
HIS 265	Intro to Africa				D
HIS 271	History of Canada				
HIS 272	News and Views				
HIS 275	Intro to East Asia		D		D
HIS 302	Colonial America		D		
HIS 303	Rev and Early Republic			D	

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
HIS 305	Antebellum America		+		+
HIS 307	Civ War and Reconstr	D			D
HIS 310	GR Issues United States Surv	E	D	D	E
HIS 313	Gilded Age – WWI	D			
HIS 315	US Between the Wars	D			D
HIS 316	US After WWII			D	
HIS 317	Women and Family	D			D
HIS 318	Hist of US Foreign Relations				D
HIS 320	Connecticut Hist			D	
HIS 321	African Am to 1877	D			
HIS 322	African Am since 1877			D	
HIS 325	Expans of New Eng				D
HIS 326	American Religious History			D	
HIS 327	Disasters in America		D		
HIS 328	Amer Immigration History	D	+	+	+
HIS 329	East Central Europe		+	+	+
HIS 330	Tudor Stuart Britain			D	
HIS 331	Modern Britain		D		
HIS 333	Roman History				D
HIS 334	Early Medieval Hist				
HIS 337	History of Russia				
HIS 339	History of Modern Germany				D
HIS 340	History of South				D
HIS 341	Colonial Latin Amer				E
HIS 342	Modern Latin America	D	+	+	+
HIS 345	History of Mexico			D	
HIS 346	Central America		D		
HIS 347	History of Brazil			D	
HIS 350	European Warfare, 1337-1815		D		
HIS 351	Europe and the Great War	E	+	+	+
HIS 352	History of World War II				D
HIS 354	Renaissance Europe	D			
HIS 355	Reformation Europe			D	
HIS 356	Old Regime Europe				D
HIS 357	French Revolution and Napoleon				D
HIS 363	Women in Modern History	E			
HIS 365	Sp Topics: History	D	D	D	D
HIS 371	Making of China's Trad				D
HIS 372	China in Revolution	D	+	+	+

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
HIS 373	Mao's China				D
HIS 375	History of Japan			D	
HIS 378	Early North Europe		D		
HIS 379	Early Northern Europe		D		
HIS 380	Modern Black Nationalism		D		
HIS 381	Non-Violence in Black America				D
HIS 382	The Vietnam War				D
HIS 385	Introduction to Public History	D			
HIS 391	Rel, War and Peace Ear Mod Eur	+	+	+	+
HIS 400	Sem Amer History	E	E	E	E
HIS 406	Sem Europ History		E	E	
HIS 407	Sem World Hist	E			E
HIS 420	Sem Amer Civ			E	E
HIS 461	Collqm: American Hist				
HIS 462	Collqm: European Hist				
HIS 463	Collqm: World Hist				
HIS 470	History Travel and Study Preparation	+	+	+	+
HIS 471	History Travel and Study	+	+	+	+
HIS 480	Independent Study	*	*	*	*
HIS 490	Intern Hist Rsrch	*	*	*	*
HON 200	Honors Expos Wrtg	D		D	
HON 201	Reading Across the Curric	+	D	+	D
HON 360	Honors Colloquium I	D	D	D	D
HON 361	Honors Colloquium II	D	D	D	D
HON 362	Honors Colloquia III	D			D
HON 363	Honors Colloquia	+	+	+	+
HON 380	Dir Honors Research	*	*	*	*
HON 488	Honors Thesis	*	*	*	*
HON 490	Internship in Honors	+	+	+	+
HPE 101	Foundation Fitness	D	D	D	D
HPE 102	Healthy Weight Management	D	D	D	D
HPE 103	Found Fitness: Comp		D		D
HPE 104	Foundations of Health and Wellness	DE	DE	DE	DE
HPE 110-190	Activities**	D E	D E	D E	D E
HPE 200	Special Topics	D	D	D	D
HPE 201	Current Issues in Health Ed	+	+	+	+
HPE 207	Nutrition Across Lifespan		D		D
HPE 209	Nutrition and Public Health	E	E	E	E
HPE 210	Personal Health	D	D	D	D

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
HPE 230	Intro PE	D	D	D	D
HPE 240	Intro PE Curriculum Materials	+	+	+	+
HPE 250	Lifeguard Training	+	+	+	+
HPE 255	Water Safety Instruction	+	+	+	+
HPE 260	Yoga Instructor	+	+	+	+
HPE 300	Adventure Education	+	+	+	+
HPE 303	Sports Conditioning for Youth				
HPE 310	Alcohol and Drugs in American Schools and Colleges	E	E	E	E
HPE 312	Group Dynamics in Health Education	E	E	E	E
HPE 315	Adapt PE	D	D	D	D
HPE 320	Sports Nutrition	D	D	D	D
HPE 325	Holistic Health	E+	E+	E+	E+
HPE 326	Stress Management	+	+	+	+
HPE 328	App Anat/Physlyg	D	D	D	D
HPE 329	Physio Bas of Move	D	D	D	D
HPE 331	Org/Adm PE, Ath, Rec	D	D	D	D
HPE 335	Technology and Assessment in Physical Education	D	D	D	D
HPE 340	Introduction to Health Curriculum Development	+	+	+	+
HPE 361	Activity Games Individual	D	D	D	D
HPE 362	Activity Games Teams	D	D	D	D
HPE 363	Elem Activ/Games	D	D	D	D
HPE 368	Educ Dance Gym	D	D	D	D
HPE 370	Athletic Training	D	D	D	D
HPE 400	Special Topics	D	D	D	D
HPE 401	Motor Development	D	D	D	D
HPE 403	Coaching Youth Sports	+	+	+	+
HPE 410	Internat Dimension PE		+		+
HPE 411	Sports in Amer Scty	D	D	D	D
HPE 413	Physio of Ed Exercise	D	D	D	D
HPE 437	Curr Issues PE		D		D
HPE 441	Teach, Org/Admin Elem PE	D	D	D	D
HPE 445	Teach, Org/Admin Sec PE	D	D	D	D
HPE 448	Teaching Health	D	D	D	D
HPE 475	Student Teaching	D	D	D	D
HPE 476	Student Teaching Seminar	D	D	D	D
HPE 480	Independent Study	+	+	+	+
HPE 490	University Internship	+	+	+	+
HPE 491	Prof Internship	+	+	+	+

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
HPE 492	Pre-Prof. Internship	+	+	+	+
ITA 110	Intro Italian I	+		+	
ITA 111	Intro Italian II		+		+
JPN 110	Intro Japanese I	D		D	
JPN 111	Intro Japanese II		D		D
MAT 098W	Elem Algebra w/Workshop	+	+	+	+
MAT 098	Elementary Algebra	D E	D E	D E	D E
MAT 101W	Intermediate Algebra w/Workshop	D E	D	D E	D
MAT 101	Intermediate Algebra	D E	D E	D E	D E
MAT 120	Algebra Concepts in Context	+	+	+	+
MAT 130	Pre-Calculus	D E	D	D	D
MAT 135	Math for Lib. Arts	D E	D E	D E	D E
MAT 139	Number Systems	D E	DE	D E	DE
MAT 140	Surv Log/Geom/Prob	D	D	D	D
MAT 203	Statistics Decis.	+	+	+	+
MAT 205	Math for Economics	+	+	+	+
MAT 216	Statistical Data Anal.	D E	D E	D E	D E
MAT 230	Discrete Structures	D	D E	D	D
MAT 243	Calculus I w/Technology	D	D	D E	D
MAT 244	Calculus II w/Technolog	D	D	D	D E
MAT 300	Abstract Algebra	D	D	D	D
MAT 303	Math for Poets	+	+	+	+
MAT 310	Applied Linear Algebra	D	D	D	D
MAT 315	Appl. Prob. and Stats	D	D	D	D
MAT 340	Calculus III	D	D	D	D
MAT 341	Differ Equations	D	+	+	+
MAT 345	Optimization	+	+	+	D
MAT 350	Numerical Analysis	+	+	+	+
MAT 353	Intro to Wavelet Theory & Apps	+	+	+	+
MAT 360	Topics in Math	+	D	+	D
MAT 370	Operations Research	+	+	+	+
MAT 372	Advanced Mathematics for High School Teaching	+	D	+	D
MAT 375	Math Astronomy and Astrophysics	+	+	+	+
MAT 380	Geometry	D	D	D	D
MAT 420	Real Analysis I	D		D	
MAT 421	Real Analysis II		D		D
MAT 422	Adv Topics in Analysis	+	+	+	+
MAT 440	Topology	+	+	+	+

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
MAT 450	Complex Variables	+	D	+	+
MAT 480	Independent Study	*	*	*	*
MAT 490	Intern Col Teach	*	*	*	*
MUS 100	Fundament of Music	D	D	D	D
MUS 103	Chorus	E	E	E	E
MUS 106	Gospel Choir	E	E	E	E
MUS 107	Concert Band	E	E	E	E
MUS 113	Music Ensemble	D	D	D	D
MUS 117	Class Voice I	D	D	D	D
MUS 120	Intro to Music	D	D	D	D
MUS 130	Music Cultures of the World	D E	D E	D E	D E
MUS 205	Theory of Music I	D		D	
MUS 206	Theory of Music II		D		D
MUS 211	Class Piano I: Introductory Level	D	D	D	D
MUS 212	Class Percussion I	D	D	D	D
MUS 213	Guitar Class I	D	D	D	D
MUS 214	Class Piano II: Inter	D	D	D	D
MUS 215	MUS Lab (1 cr)	D		D	
MUS 216	MUS Lab (1 cr)		D		D
MUS 217	Class Voice II		D		D
MUS 218	Guitar Class II		D		D
MUS 220	Introduction to Conducting	D			
MUS 227	All That Jazz	D	D	D	D
MUS 230	Experimental Music			D	
MUS 235	Music History Suvey I	D		D	
MUS 236	Music History Survey II		D		D
MUS 250	Electronic Music I	D	D	D	D
MUS 256	Class Piano III: Advanced Level		D		
MUS 302	American Popular Music		D		D
MUS 304	Music of the 20th Century				
MUS 308	Opera				
MUS 309	Theory of Music III			D	
MUS 310	Music in America			D	
MUS 314	Folk Music		D		
MUS 317	Class Voice III	E		E	
MUS 320	Advanced Conducting		D		
MUS 330	Korean Music & Culture		D		
MUS 335	Introduction to Ethnomusicology	D		D	
MUS 350	Electronic Music II		D		D

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
MUS 356	Individual Music Introduction	*	*	*	*
MUS 360	Advanced Electronic Music Production				D
MUS 365	Special Topics in Music	D	D	D	D
MUS 370	Mus in Elem Clrm I	D	D	D	D
MUS 372	Multimedia Composition		D		D
MUS 395	Practicum in Music	*	*	*	*
MUS 456	Individual Music Introduction	+	+	+	+
MUS 480	Independent Study	*	*	*	*
MUS 495	Internships in Music	*	*	*	*
NES 200	Intro to NE Studies	D		D	
NES 250	see HIS 250				
NES 315	Field Stud Hist NE	+	+	+	+
NES 342	Literature of New England	+	+	+	+
NES 343	Folklore and Folklife of NE	+	+	+	+
NES 400	Sem in NE Studies	*	*	*	*
ORG 508	Intro to Organizational Research	E		E	
ORG 536	Crit Thnk, Prob Solv and Mgt Proc	E		E	
ORG 537	Small Group Dynamics in Org	E		E	
ORG 538	Training and Development in Organizations	+	+	+	+
ORG 570	Organizational Capstone Seminar	E	E	E	E
ORG 670	Workshop	+	+	+	+
ORG 672	Leadership Contemp Org	E	E	E	E
ORG 675	Seminar	+	+	+	+
ORG 695	Grad Intership	*	*	*	*
ORG 696	Research & Rdngs	*	*	*	*
ORG 698	Thesis I	*	*	*	*
ORG 699	Thesis II	*	*	*	*
PAR 160	Intro to Performing Arts	D	D	D	D
PAR 365	Topics: Performing Arts	+	+	+	+
PAR 460	Topics in Performing Arts		D	D	D
PAR 480	Ind Study in Performing Arts	*	*	*	*
PAR 487	Projects in Performing Arts	*	*	*	*
PHI 120	Pers in Philosophy	D	D	D	D
PHI 200	Peace and Human Rights	D		D	
PHI 210	Asian Philosophies	D E	E	D E	D
PHI 215	Logical Inquiry	D	E	D	E
PHI 220	Ethics	E	D	D	E
PHI 230	Hist Early West Phi			D	
PHI 231	Hist Modern West Phi		D		D

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
PHI 235	Islam				
PHI 310	Phi and Psy Religion		D		E
PHI 312	Comparative Mysticisms	+	+	+	+
PHI 314	see PSC 314				
PHI 316	see PSC 316				
PHI 320	American Philos			D	
PHI 330	Existentslsm and Phen			D	
PHI 340	Philosophy of War				
PHI 365	Topics in Philosophy	D E			
PHI 370	Human Rights: Natural and Civil			D	
PHI 371	Jainism: Non-Violence and Love			D	
PHI 400	Peace and Human Rights Seminar		E		E
PHI 420	Philosophy of Science	+	+	+	+
PHI 480	Independent Study	*	*	*	*
PHS 101	Intro of Phys Wrld				
PHS 302	Sci Tech and Soc Intrgt V				
PHY 102	Energy and Sci Methd	D +	D +	D +	D +
PHY 204	Physics I Lect and Lab	D		D	
PHY 205	Physics II Lect and Lab		D		D
PHY 208	Phys w/calc I Lect	D		D	
PHY 209	Phys w/calc II Lect		D		D
PHY 217	Meteorology			D	
PHY 310	Heat and Thermodynam		D		
PHY 320	Modern Physics				D
PHY 360	Topics in Physics	*	*	*	*
PHY 380	Tutorial in Physics	*	*	*	*
PHY 480	Independent Study	*	*	*	*
PSC 110	Amer Govt and Polit	D E	D E	D E	D E
PSC 140	Intern Relations	D E	D E	D E	D E
PSC 200	St and Local Pol and Gov	D			
PSC 201	Applied Qualitative Research Methods	E			
PSC 202	Applied Quantitative Research Methods		E		
PSC 205	Public Administration	+	+	+	+
PSC 208	Comparative Politics			E	
PSC 212	Political Science Statistics	+	+	+	+
PSC 215	Polit Parties and Elec		D		
PSC 216	Interest Groups			E	
PSC 220	Democratic Theory				D
PSC 225	Organizational Theory	D			

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
PSC 227	Women and Politics			D	
PSC 230	Mid East Politics			D	
PSC 240	Latin Amer Politics		E		
PSC 250	Asian Politics				
PSC 265	Topics in Pol Sci	+	+	+	+
PSC 270	Fmr Soviet Union				D
PSC 275	Media, Internet, and Politics	+	+	+	+
PSC 305	Comp Public Adm CA/US	+	+	+	+
PSC 310	European Politics	+			
PSC 311	International Development and Sustainability				+
PSC 314	Mod Soc Pol Thought				E
PSC 315	American Pol Thought			D	
PSC 316	Ancient Pol Thought	E			
PSC 320	Amer Foreign Policy				D
PSC 323	Democratization	E			
PSC 325	Pol and Mass Media	D			
PSC 326	Pol of Race/Class/Gender			D	
PSC 330	Presidency		D		
PSC 335	Legislative Politics				D
PSC 339	Const Law, Powers & Processes	+	+	+	+
PSC 340	Constitutional Law		E		
PSC 341	Judicial Process			E	
PSC 345	Electoral Politics	+	+	+	+
PSC 350	Publ Pol and Decis Making			D	
PSC 351	Environmental Polit & Policy			E	
PSC 353	Natural Resource Politics	+	+	+	+
PSC 355	Nuc Thre/Peace for Chng				D
PSC 365	Topics in Pol Sci	*	*	*	*
PCS 370	Human Rights: Natural and Civil	+	+	+	+
PSC 460	Seminar in Political Science	E	E	D	E
PSC 480	Independent Study	*		*	*
PSC 490	Intern Municip Govt	*	*	*	*
PSC 491	State Govt Internship	*	*	*	*
PSC 492	Law Internship	*	*	*	*
PSC 493	Nat'l Govt Internship	*	*	*	*
PSC 494	International Internship	*	*	*	*
PSC 495	State/Local Law Internship		D		D
PSY 100	General Psychology	D E	D E	D E	D E
PSY 101	Introduction to Psychology Major		DE	D	DE

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
PSY 202	Social Psychology	D	D	D	D
PSY 203	Groups and Teams		D		D
PSY 204	Psych of Infant and Toddler		D		D
PSY 205	Learning I: Behavior Mod	D E	D	D	D
PSY 206	Psychology of Childhood	D E	D	D	D
PSY 207	Mental Retardation I	E +	E +	E +	E +
PSY 208	Psychology of Adolesc	D		D	
PSY 210	Psychology of Adult Development		D		D
PSY 217	Research Methods I	D	D E	D E	D
PSY 227	Behavior Sci Stats	D E	D	D	D
PSY 300	Education Psychology	E		D	
PSY 301	Abnormal Psychology	D		D	
PSY 302	Psychopath of Childhood	D E	D	D	D
PSY 303	Psychology of Work	D	D	E	D
PSY 304	Job Satisfaction & Motivation			D	
PSY 305	Leadership in Organization		D		
PSY 306	Cognitive Psychology	D	D	D	D
PSY 315	Psychology of Gender	D	D E	D	D
PSY 318	Sensation and Percept		D		D
PSY 320	Theory of Personality	D E		D	
PSY 322	Human Sexuality	D		D	
PSY 325	Health Psychology		D		D
PSY 327	Research Methods II	D E	D E	D	D
PSY 330	Evolutionary Psychology	D		D	
PSY 402	Current Research in Child Psychology	D	D	D	D
PSY 403	Seminar in Diversity at Work				D
PSY 404	Measuring Work Behavior	+	+	+	+
PSY 407	Learn II: Theories and Issues	D	D	D	D
PSY 409	Current Research in Psychology	D	D	D	D
PSY 410	Psychology Tests and Measurements	D	D	D E	D
PSY 418	Physiologic Psychology		D		D
PSY 419	Hist and Sys of Psychology	D	D	D	D
PSY 430	Human Neuropsychology	D		D	
PSY 435	Controversies in Child Psychology			D	
PSY 450	Clinical and Counseling		D		D
PSY 460	Seminar in Psychology	+	+	+	+
PSY 480	Independent Study	*	*	*	*
PSY 490	Internships	*	*	*	*
PSY 496	Mental Health Group	*	*	*	*

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
PSY 497	Mental Health Field	*	*	*	*
PSY 498	Research	*	*	*	*
PSY 505	Psychology Assessment Technology	+	+	+	+
PSY 506	Thrs Intvwng and Cns	+	+	+	+
PSY 507	Individual and Organized Psychology	+	+	+	+
PSY 508	Social Psychology	+	+	+	+
PSY 538	Training and Development in Organization	+	+	+	+
PSY 560	Seminar	+	+	+	+
PSY 580	Independent Study	*	*	*	*
RLA 513	Proc Dev Tch Reading	E	E	E	E
RLA 514	Proc Dev Tch Wrting	E		E	
RLA 515	The Early Years		E		E
RLA 516	Mid Sec Cont Appl	E	E	E	E
RLA 517	Language Art I Assignment Cor	E		E	
RLA 518	Advanced Asng Cor Prob		E		E
RLA 519	Reading Language Art C1 ED	+	+	+	+
RLA 520	Principles of Coaching In Diverse Settings	E		E	
RLA 521	Org Adm Sup R/L Pr	+	E	+	E
RLA 522	Reading Lng Arts Con I	E	+	E	+
RLA 523	Reading Language Arts Cons II	+	E	+	E
RLA 524	Child Literature-Iss Appr	E	+	E	+
RLA 525	Art of Picture Books				
RLA 526	Advanced Child Literature	+	E	+	E
RLA 527	Multicultural Literature for Child & YA	E		E	
RLA 528	Literacy for Middle Grades and Young Adults	+	+	+	+
RLA 535	Literacy for Second Language Learners I	+	+	+	+
RLA 536	Literacy for Second Language Learners II	+	+	+	+
RLA 555	Trends and Issues in Read/Lang Arts	+	E	+	E
RLA 570	Capstone Seminar				
RLA 670	Workshop	+	+	+	+
RLA 675	Seminar	+	+	+	+
RLA 695	Graduate Internship	*	*	*	*
RLA 696	Research and Readings	*	*	*	*
RLA 698	Thesis I	*	*	*	*
RLA 699	Thesis II	*	*	*	*
SCI 530	Astronomy	+	+	+	+
SCI 531	Natural Science Integ View	+	+	+	+
SCI 600	Strdshp Field Ecol	+	+	+	+
SLM 240	Intro: Recreation/Leisure	D	D	D	D

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
SLM 250	Introduction to Health, Fitness, and Sport Science	D	D	D	D
SLM 313	Sport Physiology	D	D	D	D
SLM 320	Entrepreneurship	D	D	D	D
SLM 330	Facilities Management	D	D	D	D
SLM 333	Introduction Therapeutic Rec.	+	+	+	+
SLM 340	Exercise Testing	D	D	D	D
SLM 341	Program Development and Evaluation	D	D	D	D
SLM 343	Programming in Therapeutic Recreation	+	+	+	+
SLM 345	Management Techniques: Leadership and Problem Solving	D	D	D	D
SLM 346	Sport Psychology	D	D	D	D
SLM 350	Fitness Teaching	D	D	D	D
SLM 353	Leisure and Aging in Therapeutic Recreation	+	+	+	+
SLM 355	Motor Learning	D	D	D	D
SLM 360	Research Methods in SLM	D	D	D	D
SLM 363	Issues and Trends	+	+	+	+
SLM 365	Worksite Health Prom.	+	+	+	+
SLM 375	Exercise Management	+	+	+	+
SLM 385	Behav Asp of Lifelng Phys Activity	+	+	+	+
SLM 440	Quantitative Analysis	D	D	D	D
SLM 480	Independent Study	D	D	D	D
SLM 495	University Internship-Health Fit	D	D	D	D
SLM 496	Program Internship-Health Fit	D	D	D	D
SOC 100	Introduction to Sociology	D E	DE	D E	DE
SOC 101	Criminal Justice and Society	E	E	E	E
SOC 107	Social Problems	D E	D E	D E	D E
SOC 200	Personal and Soc Struct		D		D
SOC 208	Gay, Lesbian and Bisexual Lives	D		D	
SOC 209	Juvenile Delinquency	D		D	
SOC 212	Sociology of Families	D	D	D	D
SOC 220	Sociology of Corrections		D		D
SOC 240	Sociology Of Gender	DE	DE	DE	DE
SOC 250	Social Inequality	D	D	D	D
SOC 275	Sociology of Globalization		D		D
SOC 276	Caribbean Social Structure				D
SOC 300	Sociology Theory	D	D E	D	D E
SOC 301	Qualitative Methods				D
SOC 307	Deviance	E	E	E	E
SOC 309	Criminology	D	D	D	D

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
SOC 310	Women and Crime		D		D
SOC 311	Drugs and Society		D		
SOC 312	Sociology of Ment Illness				
SOC 315	Crime and Media		SU		SU
SOC 320	Video Games and Society		SU		SU
SOC 325	Law and Society	E	E	E	E
SOC 340	Sociology of Religion	E	E	E	E
SOC 346	Race and Ethnic Relations	E	E	E	E
SOC 347	Black Women's Studies				
SOC 350	Methods of Social Research	D	D	D E	D
SOC 351	Statistics for Social Research	D	E	D	E
SOC 355	Latin American Structure, Change	D		D	
SOC 356	America Latina		D		D
SOC 357	The Sociology of Development		D		
SOC 358	Sociology of Labor		D		
SOC 373	Collective Behavior and Social Movements		D		D
SOC 375	Practicum	D	D	D	D
SOC 400	Senior Seminar	D E	D	D E	D
SOC 465	Studies in Sociology	+	+	+	+
SOC 480-81	Independent Study	*	*	*	*
SOC 490-93	Internships	*	*	*	*
SPA 110	Intro to Spanish I	DE +	+	DE +	+
SPA 111	Intro to Spanish II	+	D E	+	D E
SPA 113	Career Spanish I	+		+	
SPA 114	Career Spanish II		+		+
SPA 210	Interm Spanish I	D E		D E	
SPA 211	Interm Spanish II		D E		D E
SPA 213	Cont Span/Careers I	+		+	
SPA 214	Cont Span/Career II		+		+
SPA 310	Advanced Spanish I	D E		D E	
SPA 311	Advanced Spanish II		D E		D E
SPA 315	Spanish for Spanish Speaking	D	+	D	+
SPA 316	Spanish Civilization	E		E	
SPA 318	Latin American Civilization		E		E
SPA 320	Spanish Literature	D		D	
SPA 321	Spanish Literature II		D		D
SPA 323	Latin American Literature	D	E	D	E
SPA 356	American Latin: Estructura Camb Y Des	D		D	

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
SPA 365	Topics in Hispanic Studies	*	+	*	*
SPA 401	Phonetics		E		E
SPA 402	Syntax	+		+	
SPA 430	Methods/Teach French Language	+	E	+	E
SPA 480	Independent Study	*	*	*	*
SPA 490	Internship in Spanish	*	*	*	*
SPA 492	Directed Study	*	*	*	*
SPA 495	Field Experience	*	*	*	*
SWK 200	Intro Social Work	D	D	D	D
SWK 245	Aging	E		E	
SWK 300	Community and Organizations		D		D
SWK 311	Social Env and Human Behavior	D		DE	
SWK 312	Human Behavior in Social Env		DE		D E
SWK 320	Individual and Family	D		D	
SWK 325	Social Welfare Policy	D		D	
SWK 330	Research for SWK I	D		D	
SWK 333	Research for SWK II		D		D
SWK 344	Substance Abuse	D	D	D	D
SWK 350	Field Instr.	D		D	
SWK 365	Special Topics		*		*
SWK 369	Gambling Problems	*	*	*	*
SWK 420	Group and Organization		DE		DE
SWK 450	Field Instruction II		D		D
SWK 475	SWK Senior Seminar		D		D
SWK 480	Special Topics	*	*	*	*
SWK 492	Internship	*	*	*	
THE 170	Introduction Theatre Arts	D	D	D	D
THE 171	Improvisational Theatre	D		D	
THE 172	Acting I For the Actor	D		D	
THE 173	Dance for the Actor	D		D	
THE 174	Stage Voice			D	
THE 175	Stage Combat	D			
THE 225	Set Construction	D	D	D	D
THE 267	World Theatre History I	D		D	
THE 268	World Theatre History I				D
THE 269	Asian Theatre and Performance		D		D
THE 270	Introduction to Directing	D		D	
THE 271	Advanced Directing		D		D
THE 272	Introduction to Acting	D	D	D	D

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
THE 273	Advanced Acting		D		D
THE 275	Technical Theatre	D	D	D	D
THE 276	Designing for the Stage	D			
THE 277	Computer Drafting			D	
THE 278	Costume Technology and Design			D	
THE 280	Light Tech and Design	D		D	
THE 281	Sound Tech and Design		D		D
THE 308	Playwriting	+	+	+	+
THE 360	Theatre in Elem. Class		DE		
THE 361	Musical Theatre		D		
THE 365	Topics	*	*	*	*
THE 369	American Theatre		D		D
THE 372	Period Acting			D	
THE 373	Drama Theory and Criticism		D		
THE 375	Contemp World Theatre and Performance	+	+	D	+
THE 376	Reader's Theatre				D
THE 392	Theatre Practicum	*	*	*	*
THE 470	Children's Theatre	D			
THE 472	Auditioning for the Stage and Screen		D		D
THE 474	Experimental Theatre: Theory and Performance	D			
THE 476	Theatre on Tour: Long Stay		D		
THE 480	Independent Study	*	*	*	*
THE 495	Internship in Theatre	+	+	+	+
WLC 231	Women Writers from French-Speaking Countries		E		E
WLC 324	Women Authors in Lat. Amer		D		D
WLC 365	Topics	*	*	*	*
WLC 375	Lang Acquisition in Young Children	+	+	+	+
WLC 430	Methods of Teaching Foreign Languages		E		E
WLC 492	Directed Study	+	+	+	+
WST 208	see SOC 208				
WST 212	see SOC 212				
WST 227	Women and Politics	+	+	+	+
WST 228	see ENG 228				
WST 231	Women Writers From French-Speaking Countries	+	E	+	E
WST 240	see SOC 240				
WST 244	see HIS 244				
WST 260	see ENG 260				
WST 266	see ENG 266				

Number	Title	Fall 10	Spring 11	Fall 11	Spring 12
WST 300	see ANT 300				
WST 301	see ENG 301				
WST 307	see ENG 307				
WST 310	see SOC 310				
WST 315	see PSY 315				
WST 317	see HIS 317				
WST 322	see PSY 322				
WST 324	see MCL 324				
WST 326	see PSC 326				
WST 331	see ENG 331				
WST 347	see SOC 347				
WST 351	see ENG 351				
WST 355	see ART 355				
WST 356	see ENG 356				
WST 357	see ENG 357				
WST 465	see SOC 465				
WST 480	Independent Study	*	*	*	*
WST 490	Intern Women's Studies	*	*	*	*

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Campus Map

Key to Services

24	Admissions Building	60	Intramurals Field
41	Arboretum	16	Laurel Hall
40	Baseball Field	17	Low Rise Apartments
2	Beckert Hall	43	Mead Hall
36	Barnap Hall	28	Communication Building
6	Barr Hall	33	Womens Soccer / Lacrosse Field
46	Center for Early Childhood Education	38	Wheeler Hall
48	Child & Family Development Resource Center	1	Noble Hall
14	Dormition Hall	18	Nutmeg Hall
11	Counseling Services – 192 High Street	37	Ocean Hall
38	Crandall Hall	34	Parking Garage
22	Eastern Hall	40	Parking Garage
44	Facilities Management, Planning & Maintenance	7	333 Prospect Street
30	Gold-Young Hall	3	Shaler Hall
28	Goldbard Hall	20	Science Building
8	Grant House	23	J. Eugene Smith Library
8	Greenhouses	32	Sports Center (Galesler Gymnasium)
18	Health Services	31	Student Center
27	Heating Plant, North	42	Tennis Courts
4	Heating Plant, South	61	Track / Lacrosse / Field Hockey Field
10	High Rise Apartments	47	University Police
48	372 High Street	21	Webb Hall
30	Hurley Hall / Dining Services	26	Womens Placarium
12	Intramural Center	13	Winthrop Hall
10	Institute for Sustainable Energy – 182 High Street	9	Honors Program – 178 High Street
		29	Wood Support Services Center



EASTERN CONNECTICUT STATE UNIVERSITY

Campus Map

- CHARTER OAK ROAD
- CLOCK TOWER ROAD
- EASTERN ROAD
- OCCUM ROAD
- WEST ROAD



Eastern Connecticut State University is undergoing extensive construction at this time. While every effort has been made to accurately reflect campus locations at the time of posting, we do apologize for any inconvenience this may cause.