

The background image shows a portion of the Eastern Connecticut State University campus. A prominent clock tower with a white face and black hands is visible on the left. The tower has a blue-tinted upper section and a brick lower section with white lattice work. To the right, there are large, mature trees with dense foliage in shades of brown, orange, and yellow, suggesting an autumn setting. The sky is a clear, pale blue. The entire image is framed by a thin white border.

EASTERN CONNECTICUT STATE UNIVERSITY

UNDERGRADUATE & GRADUATE
COURSE CATALOG • 2025-26

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President's Message

Welcome to Eastern Connecticut State University. It is a privilege to share with you this year's course catalog, which reflects the depth and breadth of opportunities available at Connecticut's only public liberal arts university.

Eastern offers more than 40 majors and 65 minors across the arts, sciences, and professional fields. What sets us apart is the way we combine academic rigor with personal support: our classes are taught by accomplished teacher-scholars who know their students by name and who bring research and creativity directly into the classroom.

At the heart of our academic experience is the **Eastern Liberal Arts Core (ELAC)**, a curriculum that ensures every student graduates with five essential learning outcomes: **Critical Thinking, Ethical Reasoning, Communication, Creativity, and Quantitative Literacy**. These are the very skills most valued by employers—and they prepare you not just for your first job, but for a lifetime of meaningful work and engaged citizenship.

Learning at Eastern extends beyond the classroom. Through high-impact practices such as **undergraduate research, service learning, internships, cooperative education, and study abroad**, students broaden their horizons and apply theory to real-world situations. Each year, our students provide over 20,000 hours of service to the Willimantic community, while others seek opportunities as far away as Australia, Jamaica, or the Middle East.

Life on campus is equally enriching. Nearly 90 percent of first-year students live in one of our 14 residence halls, forming friendships that last a lifetime. With more than 90 clubs and organizations, **20 NCAA Division III varsity teams**, and countless events organized by the Campus Activity Board, there is always a way to get involved, build leadership skills, and strengthen your Warrior pride.

Eastern is a community where students are supported, challenged, and inspired. Whether you are beginning your academic journey, preparing for graduate study, or exploring new directions, you will find a place here that values your potential and believes in your success.

I encourage you to take full advantage of the many opportunities described in this catalog. Your time at Eastern will be as rewarding as it is transformative.

With gratitude and Warrior pride,

Karim Ismaili
President
Eastern Connecticut State
University

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 university, share this set of values:

ACADEMIC EXCELLENCE

Eastern embraces rigorous academic standards and intellectual inquiry as a benchmark 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.



COMPLIANCE STATEMENT

Eastern Connecticut State University does not discriminate based on 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:

LaMar Coleman, *vice president for Equity and Diversity*
Eastern Connecticut State University
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 POLICY

Eastern Connecticut State University adopted a policy statement on pluralism which forbids acts of violence or harassment reflecting bias or intolerance based on an individual's race, religion, gender, sexual orientation, disability, and ethnic or cultural origin.

The University has also adopted procedures for investigating complaints of acts of intolerance brought by students or staff.

Eastern Connecticut State University endorses the Connecticut State University Policy Regarding Racism and Acts of Intolerance. That policy is:

The Connecticut State University declares:

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

Anyone who has a complaint alleging an act of violence or harassment based on race, religion, gender, sexual orientation, disability or ethnic or cultural origin should contact LaMar Coleman, vice president for Equity and Diversity, Gelsi-Young Hall, Room 255, (860) 465-5791.

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 THE 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 (FERPA) 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 FERPA Office concerning alleged failures by the institution to comply with FERPA. <https://studnetprivacy.ed.gov/file-a-complaint>

The University policy statement explains in detail the procedures to be used for compliance with the provisions of FERPA. 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

Eastern Connecticut State University's strong liberal arts foundation 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 life-long learning in a time of social and technological change. The University serves as an important resource for meeting the social, economic, and cultural needs of the local and regional communities. One of Eastern's primary strengths is the connection between faculty and students throughout the educational experience and the residential campus atmosphere.

With an enrollment of 5,000 full-time and part-time students from every region of the state, 26 states, and 20 foreign countries, Eastern is a diverse community of learners that provides opportunities for the pursuit of excellence at every level of academic life. This multicultural student community thrives in Eastern's residential college setting while encouraging academic excellence in students with varied social, ethnic, and educational backgrounds. The University also serves 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 Science in Nursing, 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.

Spread over 184 acres, the Eastern campus is divided into three areas: South Campus, North Campus, and the University Sports Complex. The South Campus is the historic part of the University and features Burr and Noble residence halls as well as Shafer Hall, which has been converted into a residence hall. North Campus, the newer part of the University, is home to the J. Eugene Smith Library, the Wickware Planetarium, the Student Center, the Sports Center, and the Communication Building, which houses the campus radio and television stations. North Campus also features Webb Hall, a classroom building that features state-of-the-art computer labs, and classroom technology, media resources, and interactive learning systems. The Science Building opened in fall 2008, and the new Fine Arts Instructional Center opened in January 2016. In addition, North Campus is home to several residence halls, including Occum Hall apartments and the North and South Residential Villages. The Administration Building is centrally located adjacent to Wood Support Services Center. The Sports Complex to the north features a turn track and field, a baseball stadium, a softball field, intramural fields, and locker facilities.

Eastern Connecticut State University is accredited by the New England Commission on Higher Education. Inquiries regarding the accreditation status by the Commission should be directed to the administrative staff of the institution. Individuals may also contact:

New England Commission of Higher Education
3 Burlington Woods Drive, Suite 100
Burlington, MA 01803-4514
(781) 425-7785 • info@neche.org

2025-26 University Calendar

FALL 2025

August 25.....Academic Year Begins
August 26. Classes begin at 8 a.m.
September 1Labor Day, No classes, Offices closed
November 26-30.....Thanksgiving recess — No classes, Offices closed
December 5Classes end
December 8-14.....Final exams (day, evening, and Saturday classes)

WINTERSESSION 2025

December 22.....Wintersession classes begin
December 25. Christmas holiday observed. No classes, Offices closed
January 1.....New Year's Day observed — No classes, Offices closed
January 14.....Wintersession classes end

SPRING 2026

January 20.....Official start of Spring semester
January 21. Classes begin at 8 a.m.
February 13-16.....President's Day recess — No classes, Offices closed
March 16-22.....Spring Recess
May 9Classes end
May 11-17Final exams (day, evening, and Saturday classes)
May 16Graduate Hooding & Commencement
May 19Undergraduate Commencement

ACADEMIC PROGRAMS

Eastern Connecticut State University is organized into two Schools: The School of Arts and Sciences and the School of Education and Professional Studies (including the Graduate Division). Degree programs offered through these Schools are:

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

UNDERGRADUATE PROGRAMS

Eastern offers the Bachelor of Arts (B.A.), Bachelor of Science (B.S.), Bachelor of Science in Nursing (B.S.N.), or Bachelor of General Studies (B.G.S.) degree to students who have successfully completed a four-year program of study. The Associate Degree of 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.)	Finance (B.S.)
Anthropology (B. A.)	General Studies (B.S.)
Art (B. A.)	Health Sciences (B.S.)
Biochemistry (B. S.)	History (B.A.)
Biology (B.A. and B.S.)	History and Social Sciences (B. A.)
Business Administration (B. S.)	Individualized Major (B.A. and B.S.)
Business Information Systems (B.S.)	Liberal Studies (B. A.)
Communication, Film and Theatre (B.A.)	Mathematics (B.A. and B.S.)
Computer Science (B. A. and B.S.)	Music (B. A.)
Criminology (B. A.)	Philosophy (B. A.)
Data Science (B. A. and 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.)
Environmental Earth Science (B.S.)	Spanish (B. A.)
Finance (B.S.)	Women's and Gender Studies (B.A.)

ACADEMIC MINORS

Accounting	English
Anthropology	Environmental Earth Science
Art History	Environmental Health Science
Asian Studies	Environmental Science
Astronomy Outreach and Public Presentation	Sport and Exercise Science
Biochemistry	French
Bioinformatics	Game Design
Biology	Genetic Counseling
Business Administration	Geographic Information Systems
Business Analytics	Geography
Business Information Systems	Geomorphology
Cannabis Cultivation and Chemistry	Health
Chemistry	Healthcare Informatics
Cinema Studies	Healthcare Management
Coaching	History
Communication	Human Resources Management
Computer Engineering Science	Hydrogeology
Computer Science	Insurance
Costume and Fashion Design	Latin American and Caribbean Studies
Criminology	Leadership Communication
Data and Information Engineering	Mathematics
Digital Art and Media Design	Medical Interpreting in Spanish
Economics	Modern Languages

ACADEMIC MINORS CONTINUED

Music	Public Health
New England Studies	Social Informatics
Operations and Supply Chain Management	Sociology
Paramedic Science	Spanish
Peace and Human Rights	Sport and Exercise Science
Philosophy	Sport Management
Physical Science	Studio Art
Physics	Sustainable Energy Studies
Political Science	Theatre
Pre-Law	Women's Studies
Psychology	Writing

TEACHER CERTIFICATION PROGRAMS

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

Early Childhood Education (N-3)
Elementary Education (K-6)
Secondary Education (7-12) (for majors in Biology, English, Environmental Earth Science, History/Social Studies, or Mathematics)

GRADUATE PROGRAMS

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

Accounting
Applied Data Science
Educational Studies with concentrations in:
 Dual Language Learners
 Early Childhood Education
 English/Language Arts
 Reading/Language Arts
 Science, Technology, Education, and Mathematics
 Special Education
Educational Technology
Elementary Education (with Certification)
Early Childhood Education (with Certification)
Management
Secondary Education (with Certification) with concentrations in:
 Biology
 English
 Environmental Earth
 Science History/Social Studies Mathematics
Special Education

SCHOOL OF ARTS AND SCIENCES

Emily Todd, *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 that 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.

DEPARTMENT OF ART AND ART HISTORY

MAJORS Art

CONCENTRATIONS: Art History, Digital Art and Media Design, Illustration, Studio Art

MINORS Art History, Cinema Studies, Costume and Fashion Design, Digital Art and Media Design, Game Design, Studio Art

FACULTY Maeve Doyle, chair; Lora Lee, assistant chair

PROFESSOR Tao Chen, Qimin Liu

ASSOCIATE PROFESSOR Maeve Doyle, Robert Greene, Soojin Kim, Lora Lee (Boya Li), Afarin Rahmanifar

BIOLOGY DEPARTMENT

MAJORS Biology

MINORS Biology, Cannabis Cultivation and Chemistry, Genetic Counseling

FACULTY Josh Idjadi, chair; W. Brett Mattingly, assistant chair

PROFESSOR Elizabeth Cowles, Matthew Graham, Amy Groth, Joshua Idjadi, Kurt Lucin, Barbara Murdoch

ASSOCIATE PROFESSOR Bryan Connolly, Kristen Epp, Jonathan Hulvey, W. Brett Mattingly, Vijaykumar Veerappan

ASSISTANT PROFESSOR Derek Laux

COMPUTER SCIENCE DEPARTMENT

MAJORS Computer Science, Data Science

MINORS Bioinformatics, Computer Engineering Sciences, Computer Science, Cybersecurity, Data and Information Engineering, Game Design

FACULTY Garrett Dancik, chair

PROFESSOR Garrett Dancik, Kehan Gao, Joel Rosiene, Sarah Tasneem

ASSISTANT PROFESSOR Atef Bondok

INSTRUCTOR Scott Smith

ENGLISH DEPARTMENT

MAJORS English, Liberal Studies (English concentration), Women's and Gender Studies

MINORS English, Women's Studies, Writing

FACULTY Stephen Ferruci, chair; Jordan Youngblood, assistant chair

PROFESSOR Miriam Chirico, Meredith Clermont-Ferrand, Susan DeRosa, Daniel Donaghy, Stephen Ferruci, Raouf Mama, Maureen McDonnell, Kenneth McNeil, Allison Speicher, Christopher Torockio

ASSOCIATE PROFESSOR Jordan Youngblood, Christine Garcia, Manuel Otero

ENVIRONMENTAL EARTH SCIENCE DEPARTMENT

MAJORS Environmental Earth Science, Data Science

CONCENTRATIONS: Environmental Earth Science, Environmental Science and Sustainability

MINORS Earth Science, Environmental Science, Environmental Health Science, Geographic Information Systems, Geomorphology, Hydrogeology, Sustainable Energy Studies

FACULTY Bryan Oakley, chair; Stephen Nathan, assistant chair

PROFESSOR Dickson Cunningham, Peter Drzewiecki, James (Drew) Hyatt, Meredith Metcalf, Stephen Nathan, Bryan Oakley

HEALTH SCIENCES AND NURSING DEPARTMENT

MAJORS Health Sciences, Nursing

CONCENTRATIONS: Allied Health, Exercise and Sport Science, Public Health

MINORS Coaching, Medical Interpreting in Spanish, Paramedic Science, Public Health Studies, Sport and Exercise Science

FACULTY Yaw Nsiah, chair; Amy Bataille, assistant chair

PROFESSOR Yaw Nsiah

ASSOCIATE PROFESSOR: Amy Bataille, Darren Dale, Paul Canavan, Sara Newman Carroll

ASSISTANT PROFESSOR: Ashley Cote, James Brooks, Anna Goddard, Ellen Smith, Sarah Walters, Nayomi Walton

HISTORY DEPARTMENT

MAJORS History, History and Social Science

CONCENTRATIONS: American Studies

MINORS Asian Studies, History, Peace and Human Rights, Latin American and Caribbean Studies

FACULTY Caitlin Carenen, chair; Scott Moore, assistant chair

PROFESSOR Caitlin Carenen, Stacey Close, Bradley Camp Davis, David Frye, Jamel Ostwald

ASSOCIATE PROFESSOR Thomas Balcerski, Scott Moore

INDIVIDUALIZED MAJOR

DEAN OF ARTS AND SCIENCES Emily Todd

MATHEMATICAL SCIENCES DEPARTMENT

MAJORS Mathematics, Data Science - Interdisciplinary,

MINORS Mathematics

FACULTY Megan Heenehan, chair

PROFESSOR Anthony Aidoo, Megan Heenehan, Peter Johnson, Medhi Khorami, Kwame Osei Bonsu, Kim Ward, Christian Yankov

ASSOCIATE PROFESSOR Chantal Larose

MUSIC DEPARTMENT

MAJORS Music

CONCENTRATIONS: Music Performance, Musicology, Music Industry and Leadership

MINORS Music

FACULTY Timothy Cochran, Emily Riggs – co-chair

PROFESSOR David Belles, Timothy Cochran, Anthony Cornicello, Okon Hwang

ASSOCIATE PROFESSOR Jeffrey Calissi, Emily Riggs

PHYSICAL SCIENCES DEPARTMENT

MAJORS Biochemistry

MINORS Astronomy Outreach and Public Presentation, Biochemistry, Chemistry, Physical Science, Physics

FACULTY John Toedt, chair; Darrell Koza, assistant chair

PROFESSOR Darrell Koza, Zoran Pazameta, John Toedt

ASSOCIATE PROFESSOR Kedan He

ASSISTANT PROFESSOR Syed Islam

POLITICAL SCIENCE, PHILOSOPHY, AND GEOGRAPHY DEPARTMENT

MAJORS Philosophy, Political Science

MINORS Geography, Peace and Human Rights, Philosophy, Political Science, Pre-Law, Asian Studies

FACULTY Courtney Broschous, chair

PROFESSOR Nicole Krassas, Martin Mendoza-Botelho

ASSOCIATE PROFESSOR Courtney Broschous

DEPARTMENT OF PSYCHOLOGICAL SCIENCES

MAJORS Psychology

CONCENTRATIONS: General Psychology, Behavior Analysis, Cognitive Neuroscience, Developmental Psychology, Industrial-Organizational Psychology, Mental Health Counseling

MINORS Psychology

FACULTY Alita Cousins chair; Lyndsey Lanagan-Leitzel, assistant chair

PROFESSOR Peter Bachiochi, Luis Cordon, Alita Cousins, James Diller, Madeleine Fugere, Melanie Evans Keyes, Lyndsey Lanagan-Leitzel, Jennifer Leszczynski, Kristalyn Salters-Pedneault

ASSOCIATE PROFESSOR Christopher Krebs, Phyllis Lee, Jenna Scisco, T. Caitlin Vasquez-O'Brien

ASSISTANT PROFESSOR Stanislaw Kolek

DEPARTMENT OF SOCIOLOGY, ANTHROPOLOGY, CRIMINOLOGY, AND SOCIAL WORK

MAJORS Anthropology, Criminology, Social Work, Sociology

MINORS Anthropology, Criminology, Latin American and Caribbean Studies, Sociology

FACULTY Theresa Severance, chair

PROFESSOR Cara Bergstrom-Lynch, William Lugo, Eunice Matthews-Armstead, Ricardo Pérez, Theresa Severance

ASSOCIATE PROFESSOR Marin Kurti, Sarah Nightingale, Nick Parsons, Rachael Pesta, Nicolas Simon, Megan Stanton

ASSISTANT PROFESSOR Amanda Leiss

WORLD LANGUAGES & CULTURES DEPARTMENT

MAJORS Spanish

MINORS French, Latin, American and Caribbean Studies, Spanish, Medical Interpreting in Spanish, Modern Languages

FACULTY Kim Chan, chair

PROFESSOR Michèle Bacholle

ASSISTANT PROFESSOR Kim Chan

SCHOOL OF EDUCATION AND PROFESSIONAL STUDIES

Niti Pandey, *dean*
Ryan Colwell, *assistant dean*

The School of Education and Professional Studies builds on a strong foundation in the 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 and in graduate studies. 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.

ACCOUNTING AND BUSINESS INFORMATION SYSTEMS DEPARTMENT

MAJORS Accounting, Business Information Systems, Data Science

MINORS Accounting, Business Analytics, Business Information Systems, Healthcare Informatics, Social Informatics, Supply Chain Management

FACULTY Niki Kunene, chair; Moh'd RuJoub, associate chair

PROFESSOR Moh'd RuJoub, Jeffrey Schaller

ASSOCIATE PROFESSOR Alex Citurs, K. Niki Kunene

ASSISTANT PROFESSOR Meng Guo

BUSINESS ADMINISTRATION DEPARTMENT

MAJORS Business Administration

CONCENTRATIONS: International Business, Management, Marketing, Sport Management

MINORS Business Administration, Healthcare Management, Human Resources Management, Sport Management

FACULTY Emiliano Villanueva, chair, Mihyun Kang, assistant chair

PROFESSOR Olugbenga Ayeni, Sukeshini Grandhi, Fatma Pakdil, Greg Kane, Mihyun Kang, Emiliano Villanueva

ASSOCIATE PROFESSOR Charlie Chatterton, Ari de Wilde, Craig Erwin, Jehoon Jeon

ASSISTANT PROFESSOR Wayne Buck, Nahyun Oh, Shu-Tsen Kuo

COMMUNICATION, FILM & THEATRE DEPARTMENT

MAJORS Communication, Film and Theatre

MINORS Cinema Studies, Communication, Costume and Fashion Design, Leadership Communication, Theatre

FACULTY Alycia Bright-Holland, chair; Andrew Utterback, associate chair

PROFESSOR J.J. Cobb, Reginald Flood, Kristen Morgan, David Pellegrini, Andrew Utterback

ASSOCIATE PROFESSOR Alycia Bright-Holland, Anya Sokolovskaya, John Zatowski

ASSISTANT PROFESSOR Brian Day

ECONOMICS AND FINANCE DEPARTMENT

MAJORS Economics, Finance

CONCENTRATIONS: Business Economics, Economic Policy and Analysis

MINORS Economics, Insurance

FACULTY Maryanne Clifford chair

PROFESSOR Maryanne Clifford, Brendan Cunningham

ASSOCIATE PROFESSOR Steve Muchiri

ASSISTANT PROFESSOR Li Liang, Jingdan Liu, Mouhamadou Ndiaye (Special Appointment)

INSTRUCTOR: Ibrahim Kyei, Catherine Falvey

EDUCATION DEPARTMENT

MAJORS Early Childhood Education, Elementary Education, Liberal Studies, Physical Education, Secondary Education

MINORS Health, Physical Education

FACULTY Mark Fabrizi, chair; Xing Liu, assistant chair

PROFESSOR Theresa Bouley, Mark Fabrizi, Xing Liu, Darren Robert, David Stoloff, Sudha Swaminathan

ASSOCIATE PROFESSOR Tanya Moorehead, Susannah Richards, Kwangwon Lee, Laura Rodriguez

UNDERGRADUATE ADMISSIONS

Robert Martin, *director of Admissions and Enrollment Management*

ADMISSION TO THE UNIVERSITY

Undergraduate admission to the University is selective, based on academic performance and potential promise. The University is interested in applicants whose academic achievements, interests and character demonstrate a commitment to success. No single characteristic determines admission as each applicant's overall academic record is thoroughly and individually reviewed for school class standing, completion of college prep courses, standardized test scores (if applicable) 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.

SECONDARY SCHOOL PREPARATION

Prior to enrollment, applicants must have earned a high school diploma from an accredited secondary school or a General Equivalency Diploma (GED). Their secondary school program should include units of college preparatory work in the following areas:

- English (four years)
- Mathematics (three years – algebra 1, algebra 2, and geometry or their equivalents)
- Social Studies (two years – including 1 year in U.S. History)
- Foreign Language (two years)
- Laboratory Science (two years)
- Electives (three years)

Students who enroll at the university without having completed at least two years' work in a single foreign language in high school must complete at least one year of a single foreign language (6 credits) at 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.

APPLICATION PROCEDURES

The Office of Admissions reviews applications and admits students to enter the University at the beginning of either the fall (August) or spring (January) semesters. All students who believe they meet the spirit and intent of the University's liberal arts mission are encouraged to apply, and their applications will be given full and thorough consideration. First-year applicants are encouraged to apply for admission and supporting requirements no later than mid-January.

To apply for first-year admission, students must submit the following:

- Completed application for admission: Eastern's Online Application or <https://www.commonapp.org/>
- Non-refundable \$50 application fee
- An official copy of secondary school transcript or GED
- One letter of recommendation, preferably from an academic teacher
- SAT I or ACT scores (test-optional applicants do not need to send scores)
- Essay (included in Common Application or Eastern's Online Application)

TEST-OPTIONAL ADMISSION POLICY

Eastern has joined a growing number of public and private colleges that have adopted a Test-Optional Admission Policy. Students may choose if they want their SAT/ACT scores reviewed as part of the admissions process. Admission to Eastern is based primarily on a student's achievement in a strong high school curriculum, which is the best predictor of success at Eastern.

As a general guideline, students who choose not to submit their SAT/ACT scores and want to present a completed application should have:

- A completed application
- An unweighted cumulative academic GPA of 3.0 or higher on a 4.0 scale (this GPA includes only English, Foreign Language, Math, Natural Science and Social Studies courses)
- A college preparatory curriculum that results in 18 academic units over four high school years
- A senior year course schedule that includes at least four academic courses resulting in four academic units
- A well-written and thoughtful essay
- A strong teacher recommendation in one of the five CORE disciplines outlined above

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 first-year admission, students must submit the following:

- Completed application for admission: Eastern's Online Application or <https://www.commonapp.org/>
- Non-refundable \$50 application fee
- Official copy of secondary school transcript or GED
- *Optional:* Personal essay of up to 500 words

Transfer applicants with acceptable academic records at other accredited colleges or universities do not need to submit SAT or ACT scores, however, the Office of Admissions encourages these applicants to submit scores for course placement purposes only. Individual interviews are not required unless requested by the Office of Admissions.

ADMISSION DECISIONS AND COMPLETING ENROLLMENT

Admission decisions are made when all admission 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 their place in classes and residence halls.

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

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

- Have a family health care provider complete the Connecticut State University Student Health Services form and return it to Health Services at the University (required for all full-time students)
- All full-time students born after December 31, 1956 must provide evidence of immunity against measles, German measles (rubella), and mumps. Students must show proof they have received two doses of measles, two doses of German measles, and two doses of mumps vaccine (MMR vaccine) or provide proof of immunity by blood testing. (Copy of test results must be submitted.)
- Connecticut state law requires that all students born after January 1, 1980, must provide evidence of immunity against chickenpox (varicella) by showing proof of two doses of the varicella vaccine or by providing documentation from your health care provider stating that you had chickenpox disease in the past and the date you had it, or by providing proof of immunity by blood testing. (Copy of test results must be submitted.)
- Bacterial meningitis vaccination (for *Neisseria meningitidis* types a, C, Y and W-135) is required only for full time students who live in on-campus housing; however, it is recommended for all incoming students. Connecticut state law requires that students get another meningitis shot if they received their previous meningitis vaccine(s) more than five years before the date they start attending college.
- Financial aid candidates must complete the Free Application for Federal Student Aid (FAFSA) and request the results of the need analysis be forwarded to the Financial Aid Office.
- Admitted students requesting on-campus housing must submit an online residence hall application form to the Office of Housing and Residential Life.
- 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 and reported SAT I or ACT scores, students will be placed in courses that are appropriate to their skills and in which they have the greatest potential for success.

ADMISSION TO THE UNIVERSITY HONORS PROGRAM

Eastern's Honors Program provides an advanced course of study in the liberal arts for academically qualified students. Honors Scholars follow a unique program designed to encourage active learning, critical thinking and independent inquiry. 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 Honors Club and other Honors events.

The University Honors program serves as part of the Liberal Arts CORE curriculum for those admitted to the program. Honors Scholars may select any major. Honors Scholars who have a 3.5 cumulative grade point average and complete the honors curriculum and participation requirements graduate as University Honors Scholars.

The Honors Program requires a separate application made available online in November and due February 1; acceptance decisions to the selective program are made by the Honors Council. The review of incoming first-year students is based on their high school record and potential for advanced college work. Transfer and continuing first-year students who have earned fewer than 45 credits may apply to be admitted into the program's second year. Honors Scholars receive the most substantial possible scholarships.

Interested students should contact the Admissions Office for more information.

SUMMER TRANSITION AT EASTERN PROGRAM (STEP)/CONTRACT ADMISSIONS PROGRAM (CAP)

What is STEP/CAP?

The Summer Transition at Eastern Program/Contract Admissions Program (STEP/CAP) is an educational support program provided by Eastern Connecticut State University. Prospective STEP/CAP students submit a standard application to Eastern's Office of Admissions, which conducts the initial screening and invites students for an interview and additional assessments. Decision on STEP/CAP admission are generally made within two weeks of a student's screening date.

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 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 enroll, register for fall classes and participate in Eastern's orientation, advising and registration (SOAR) program. STEP begins in July and ends in August.

What is the Contract Admissions Program (CAP)?

Students will sign a contract stating that they must complete the six-week summer program with a minimum of 2.5 GPA (C+ average) to continue as first-year students for the fall semester at Eastern Connecticut State University. It also requires that students meet with STEP/CAP professional staff at the Academic Success Center (ASC) at least once every two weeks throughout their first year and authorizes STEP/CAP staff to share information with parents and guardians to create an effective network of support. In this manner, the contract affords each STEP student with professional staff in making the needed adjustments to undergraduate life. Professional staff provide academic support and information on course selection curriculum requirements, campus resources and other matters directly about the undergraduate experience. They also make appropriate referrals to tutoring 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.

NEW ENGLAND REGIONAL STUDENT PROGRAM

The New England Regional Student Program enables New England residents to pay reduced tuition and fees at out-of-state public colleges and universities within the six-state region. A brochure describing the program may be obtained by writing to the New England Board of Higher Education, 45 Temple Place, Boston, MA 02111, or accessing <https://nebhe.Org/tuitionbreak/>. Under the flexibility policy students from Maine, Massachusetts, New Hampshire, Rhode Island and Vermont are eligible for this tuition break.

NEW YORK/NEW JERSEY TUITION BREAK

Effective in the fall 2021 semester, residents of New York and New Jersey are eligible for a reduced tuition rate. The cost follows the same model as the aforementioned New England Regional Student Program.

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:

African American Studies; Art 2D Design; Art 3D Design; Art, Drawing; Art, General; Art History; Biology; Calculus AB; Calculus BC; Chemistry; Chinese Language; Comparative Govt. and Politics; Computer Science A; Computer Science AB; Economics – Macro; Economics – Micro; English Language/Composition; English Language/Composition/Literature; English Literature/Composition; Environmental Science; European History; French Language; German Language; Human Geography; Italian Language; Japanese Language; Latin; Music Theory; Physics B; Physics C; Precalculus; Psychology; Spanish Language; Spanish Literature; Statistics; Studio Art; U.S. Government and Politics; U.S. History; World History.

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 earned 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.

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 Advising Center or visit www.easternct.edu/advising/index.html. A maximum of 60 credits for all types on 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 Advising Center 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 may earn college credits. The 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 Advising Center or visit www.easternct.edu/advising/index.html. A maximum of 60 credits for all types on nontraditional learning may be awarded to an individual student.

CREDIT FOR LIFELONG LEARNING PROGRAM

Persons age 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 information from the Advising Center. 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 on 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 their acceptance packet. 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 of 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.

CONNECTICUT STATE COLLEGES AND UNIVERSITIES (CSCU) TRANSFER TICKET DEGREES

CSCU's Transfer Tickets are new degree programs providing pathways for community college students to complete degree programs that transfer to Connecticut State Universities (Central, Eastern, Southern and Western) and Charter Oak State College (COSC) without losing any credits or being required to take extra credits in order to complete a bachelor's degree in that same discipline. Students will be able to transfer, apply to competitive majors and complete a B.A/B.S. degree in the same time and with the same course requirements as students who start at a CSU or COSC. Please visit www.ct.edu/transfer for details.

ASSOCIATE DEGREE RECIPIENTS

It is the policy of Eastern Connecticut State University to grant students pursuing a bachelor's degree at Eastern a total credit for a two-year associate degree received from a public or private institution accredited by an authorized regional accreditation agency, such as NECHE (New England Commission of Higher Education). 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 elective credits are awarded.

Associate degree recipients from a healthcare profession can take advantage of a special Bachelor of General Studies (B.G.S.) degree. 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 HEALTHCARE 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 degrees. 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 of Science, a Bachelor of Arts, Bachelor of Science, or Bachelor of General Studies degree.

READMISSION TO THE UNIVERSITY

Student in Good Academic Standing

Students who voluntarily withdraw from the University in good academic standing may return upon formal completion of an application for readmission and with approval from the Office of Admissions. Readmitted students are subject to University requirements and policies in effect at the date of 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 the 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.

FRESH START POLICY

The Fresh Start readmission option is designed for students who have attempted fewer than 60 credits during their initial matriculation at Eastern, earned a cumulative GPA below 2.0 during that period and have not been matriculated at Eastern for at least three academic years. Prior to admission under this program, the student will need to demonstrate evidence of academic or professional achievement since leaving Eastern. This option may only be used once.

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 credits in residence and meeting all requirements of both majors with a least 15 credits in each major earned at Eastern.

Eastern Connecticut State University baccalaureate degree holders wishing to complete an additional degree, without reapplying to the University, are required to begin doing so only during the full semester (fall/spring) directly following the awarding of the first degree. Students must submit an Application for Continuing Undergraduate Enrollment to the Registrar's Office in order to pursue this option, and they must enroll in courses specifically designed to fulfill their planned program and follow the same requirements outlined above.

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 degree should be directed to the Office of Admissions.

ADDITIONAL MAJOR OR MINOR

Eastern Connecticut State University baccalaureate degree holders wishing to complete an additional major, minor, or teacher certification may do so only during the full semester (fall/spring) following the awarding of their degree. Only the second major, minor, or certification requirements need be completed. Students must submit an Application for Continued Undergraduate Enrollment form to the Registrar's Office in order to pursue this option.

NON-MATRICULATED STUDENTS

Students who do not plan to earn a degree from Eastern or who are uncertain about their educational plans should consult the Advising Center or visit www.easternct.edu/advising/index.html to learn more about taking courses on a non-matriculated basis.

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. Given that admission to the university is selective, students should apply to the Office of Admissions as early as possible. 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 the other. Requests for change of status are subject to review and are not guaranteed.

UNDERGRADUATE GRADUATION REQUIREMENTS

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

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

- Accumulate an overall grade point average of at least 2.0
- Complete the Liberal Arts CORE Curriculum
- Fulfill the requirements for an academic major
- Fulfill all levels of the University Writing Requirements
- Complete at least 60 credits in courses at the 200 level or above, of which 30 credits must be at the 300 or 400 level
- Fulfill the Undergraduate Institutional Residency Requirement

- Earn a minimum of 120 credits
- Fulfill the Foreign Language Requirement, unless met upon admission

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

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, grades reports, records of program changes, course withdrawal forms, academic warnings and all other official notifications or communications. It is the student's responsibility, during their senior year, to obtain an application for degree from the Registrar's Office and file it no later than the deadlines posted in the academic calendar.

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 case 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) must be approved by the Registrar's Office. After the first week of classes, students may not change their matriculation status from the semester in progress.

Leaves 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 to the University.

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 the Academic Services Center.

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 Academic Services Center.

UNDERGRADUATE INSTITUTIONAL RESIDENCY REQUIREMENT

Eastern Connecticut State University has a residency requirement for the Associate and Baccalaureate Degrees. Fifteen credits of the Associate Degree must be completed at Eastern. Thirty credits of the Baccalaureate Degree must be completed 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 Services Center. 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 a "Request to Take Courses Outside of Eastern" form and obtain applicable approval signatures prior to registering for a course at another institution.
- Forward completed 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 a regionally accredited four-year institution.

Credits for courses taken at other regionally accredited 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 course 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 that is 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 Colleges and University 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 include, but are not limited to the following:

- Students must be enrolled for a minimum of 12 credits at Eastern for the semester
- 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.
- Students admitted to the course will register under the procedures for unclassified students in the host institution. An official transcript record of credit earned must be forwarded to the Registrar's Office immediately after the course is complete.
- 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 Academic Success Center. Courses taken outside of the Exchange Agreement are subject to regulation above.

CLASS LEVEL

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

Level Earned	Credits
First Year	0 – 29
Sophomore	30 – 59
Junior	60 – 89
Senior	90 and above

ASSOCIATE OF SCIENCE (A. S.) DEGREE PROGRAM

Admission to the Associate of Science (A. S.) degree program is available only to students with fewer than 60 earned credits. Graduates of Eastern's associate degree program may continue in a baccalaureate degree program at Eastern upon submission of an approved Application for Continued Undergraduate Enrollment form available from the Registrar's Office.

Degree Requirements (A.S.)

Concentration	15 credits
Electives	Up to 14 credits
Total (minimum)	60 credits

Note: To meet Eastern's residency requirement for the A.S. degree, a minimum of 15 credits must be earned through coursework at Eastern. Students must complete LAC 100, 101 and 200, two foundational courses in Math and Writing, three Disciplinary Perspective courses, one in each discipline category. Associate degree students must complete 3 credits of Disciplinary Perspective courses at Eastern to fulfill residency requirements. At least 15 credits within the degree must be numbered at or above the 200-level.

A.S. degree students are not required to complete a foreign language.

For more information about the A. S. degree program, contact the Advising Center.

BACHELOR OF ARTS (B.A.), BACHELOR OF SCIENCE (B.S.),
OR BACHELOR OF SCIENCE IN NURSING (B.S.N) DEGREE PROGRAM

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:

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

Liberal Arts CORE Curriculum	46 credits
Major Area of Study	3-66 credits
Electives	7-46 credits
Total (minimum)	120 credits

Specifications for meeting the Eastern's Liberal Arts Curriculum can be found later in the catalog. Specifications for meeting requirements in the major area of study can be found under the relevant major.

BACHELOR OF GENERAL STUDIES (B.G.S) DEGREE PROGRAM

The Bachelor of General Studies (B.G.S) is a flexible degree program offered and available to both full-time and part-time students. In order to be admitted to the B.G.S. program students must have completed 60 credits. Upon entry to the B.G.S. program, each student completes a plan of study with a professional advisor. This plan must be submitted and approved by the coordinator of the B.G.S. program and the associated Dean. The student's proposed plan of study will ensure that all degree and University requirements will be met.

Degree completion requires 120 credits; a minimum of 30 of these credits must be taken at Eastern. Transfer credits from other colleges and universities can be incorporated into the B.G.S. degree and there is no time limit on when transfer courses were taken. A maximum of 60 credits may be earned through one or a combination of nontraditional learning programs such as Eastern's credit for Lifelong Learning Program (recommended only for those 25 years and older), College Level Examination Program (CLEP), the DSST testing program and the American Council on Education (ACE) credit recommendations for military training.

For more information about the B.G.S. program, contact the Advising Center.

Degree Requirements (B.G.S.)

Eastern's Liberal Arts CORE (ELAC) Curriculum Up to 40 credits

B.G.S. Major Concentration 30 credits

Note: A minimum of 15 credits in the major concentration must be taken at Eastern. In addition, a minimum of 15 credits in the major concentration must be numbered 300-level or higher.

B.G.S. Minor Concentration 15 credits

Electives As needed

Total minimum for the B.G.S. degree: 120 credits

Note: To meet Eastern's residency requirement for the bachelor's degree, a minimum of 30 credits must be earned through coursework at Eastern. A maximum of 60 credits earned through nontraditional means such as Eastern's Credit for Lifelong Learning program, the CLEP and DSST testing programs and the ACE credit recommendations for military training, may be applied to a bachelor's degree at Eastern.

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

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 University Registrar.

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 exploratory must submit this change with the Academic Services Center.

Full-time students having no declared major will be classified as exploratory and will be assigned to an advisor by the Academic Services Center until they identify a major with the academic department of their choice.

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 a pre-(major name) major and will be assigned to an advisor by the Director of the Academic Services 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
- 15 unique credits in each major
- Submission of a declaration of their intention to the Academic Services Center prior to the completion of their fifth semester or 77 credits, or 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 of 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(s) have been completed.

Individualized Major

The Individualized Major 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 basis in at least one subject to facilitate entrance into a graduate program.

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

Students in the Departments of Biology, Computer Science and Mathematical Sciences have the option of earning either the B.A. or the B.S. degree. Biology, Computer Science, Data Science and Mathematics majors should declare their degree option before the end of the sixth semester.

MINORS

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. A minimum of 6 credits for the minor must be taken in residence at Eastern. Each department may require additional credits or courses in residence, subject to approval by the appropriate Dean.

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 3.0 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 University Registrar.

Credit Limit for Summer Term

Students may take a maximum of 12 credits overall for the entire summer without special permission.

Credit limits for Summer Sessions are: (a) through the end of Summer Session A, students may take up to seven credits; (b) during Summer Session 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 week-long, intensive course. The University Registrar 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.

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 University Registrar 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. The schedule for registration and advising is sent from the Registrar's Office to each student via their university e-mail address. Upon receipt of this information, students should plan a tentative schedule and make an appointment with their advisor to go over their course plan, address any questions and secure the advisor's approval of the plan; full-time students will need to obtain their registration access code to register.

New students are notified of their advising and registration dates by the Admissions Office and/or the Academic Services Center. 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; (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 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 online 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 impact 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. 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. A grade of W 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 enrollment status. However, it may impact 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 12th 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 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, and the foreign language requirement cannot be taken on a credit/no credit basis in order to fulfill the designated requirement. Only one student-selected credit/no credit course may be taken in any semester. A student shall earn (must receive) a final grade of "credit" in order for the course to fulfill the designated requirement. Per the Repeat Course Policy, a repeated course cannot be placed on credit/no credit. It can only be repeated for a letter grade. Students must file the appropriate form with the Registrar's Office no later than the 12th week of the semester for courses that fall within the regular semester schedule. For all other courses, this should be done 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*). The grade for a course placed on credit/no credit does not affect the grade point average.

Credit/No Credit Courses – 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. An "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 the 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.
- c) 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, not course may be counted more than once toward the credits needed for a degree.
- d) The transcript will show all grades earned, both those calculated in the grade point average and those not calculated.

COURSEWORK REQUIREMENTS

Instruction

In 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 take 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, office hours and other means of contact outside of class.

As a general rule, students should assume the following obligations as they undertake coursework: spend at least two hours in preparation or study outside of class for each hour in class; purchase any required texts or tools; submit all required assignments; attend all scheduled examinations; and 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, considering 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 Satisfactory
C.....	1 7
D+	1 3
D.....	1 0 Minimum passing performance
F.....	0 0 Failure; no credit
I.....	0 0 Incomplete
CR/NC.....	0 0 Credit/No credit
AU	0 0 Audit
W	0 0 Withdrawn

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 requirement because of illness (documented) or other verifiable emergency. 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 an extension of time from the appropriate Dean 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:

- Students missing the final examinations and carrying the grade of “F” at that time.
- Students asking to improve their grades by doing extra work.
- 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 fulltime 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 coursework and have earned a grade point average of 3.50 or higher All grading rules that apply to full-time Dean’s List recipients apply to part-time Dean’s List recipients.

There are two exceptions:

- 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 3.5 or higher, including the semester in question, to be placed on the Dean’s List.
- 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 coursework 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	Cum laude
Average of 3.70 – 3.89	Magna cum laude
Average of 3.90 – 4.00	Summa cum laude

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 of 2 0 will be placed on academic probation or dismissed from the University A first-semester first-year student 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.

ACADEMIC RECORDS, TRANSCRIPTS, AND DIPLOMAS

Jennifer Huoppi, *University registrar*

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 communication.

STUDENT OFFICIAL ADDRESS

It is the student's responsibility to notify the Registrar's Office of their 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. 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. All transcript requests must be submitted online. University transcripts will certify the degree earned and which major(s), minor(s) and concentrations have been completed.

The Registrar will withhold the forwarding of transcripts when officially notified by a University administrator that a student has an outstanding hold on their account or has not returned University property.

Diplomas

At commencement ceremonies, the University celebrates the conferral of degrees on those students who have fulfilled its academic expectations. 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 diplomas on August 31, December 31, and July 15, respectively. Graduates earning degrees in August and December are encouraged to participate, along with May graduates, in the commencement exercises held 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. Students earning their degrees in December participate in the following May commencement ceremony.

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 2024 and spring 2025 semesters.

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)

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 fully and accurately disclose all facts related to residence status shall be grounds for suspension or expulsion.

An undergraduate student is considered to be 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.

For more information on tuition rates and fees, please visit: www.easternct.edu/admissions/tuition-fees.html

HOUSING

For more information on housing rates, please visit: www.easternct.edu/housing/forms-documents/housing-rates.html

MEAL PLANS

Meal plans are available to all registered Eastern students but are required in certain University residence halls and for all resident first-year students. Please see requirements below. Required meal plans are automatically assigned. To upgrade or sign up for a voluntary meal plan, a Dining Services Agreement needs to be submitted and is available on the Card Services Office website.

First-year students assigned to any University residence hall and all residents of Burnap, Burr, Constitution, Crandall, Mead, Niejadlik, Winthrop and Occum Hall residents on the first and second floors are required to be on the SILVER PLUS \$125 Meal Plan but may elect to sign up for the SILVER PLUS \$225 Or SILVER PLUS \$325 Meal Plan.

Residents of Noble, Windham Street Apartments (High Rise and Low Rise), Laurel Hall, Nutmeg Hall, Shafer Hall and residents on the third and fourth floors of Occum 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 SILVER PLUS \$125, SILVER PLUS \$225, SILVER PLUS \$325, 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 and are non-transferable. Refunds of Silver Meal Plans 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. Voluntary BLOCK Meal Plans are non-refundable.

For more information on meal plans, please visit: www.easternct.edu/cardservices/about-the-meal-plan.

CARD SERVICES OFFICE

Registered students may obtain an Eastern Student Identification Card/Eastern EXPRE\$\$ CARD from the Card Services Office located on the second floor of the Alvin B. Wood Support Services Center. A course schedule and a photo identification card (high school ID, driver's license, or passport) are needed to obtain an Eastern Student Identification Card. Students retain their ID card from year to year. ID cards are required for use of the Sports Center, J. Eugene Smith Library facilities, Student Center Fitness Center, Meal Plan, Dining Dollar and EXPRE\$\$ CASH purchases.

EXPRESS CARD/EXPRESS\$ CASH PROGRAM

Students may also participate in Eastern's EXPRE\$\$ CARD/EXPRESS\$ CASH Program. This is a prepaid account (debit card) accessed with the Eastern Student Identification Card. Students can deposit money into their EXPRE\$\$ CASH Account to make purchases at participating locations on campus. EXPRE\$\$ CASH can be used: at the Eastern Bookstore, Eastern Dining Services locations and to pay late fines at the J. Eugene Smith Library. EXPRE\$\$ CASH can also be used to pay for copying and printing at the J. Eugene Smith Library, Webb 410 computer lab and in residence halls. Health Services charges, lost ID card and electronic access fob replacement fees at Card Services can also be paid using EXPRE\$\$ CASH. Visit the website at www.easternct.edu/card-services or call Card Services at (860) 465-5060 for more information.

DINING DOLLARS

Dining Dollars are part of University Meal Plans. They are funds that are placed on the Eastern Student ID Card for use at Eastern Dining Services locations. Any Dining Dollars remaining at the end of the fall semester will roll over to the spring semester. Any remaining funds at the end of the spring semester will zero out. If Dining Dollars are depleted before the end of the semester, students can use EXPRE\$\$ CASH to continue using their ID card at Dining Services locations. Learn more about Meal Plans and Dining Dollars by visiting www.easternct.edu/card-services/meal-plans or by calling Card Services at (860) 465-5060.

PRINTING FUNDS

The University adds \$20 each semester to every student's University ID/EXPRES\$ CARD for printing/copying in the J. Eugene Smith Library, Webb 410 Computer Lab and residence halls. Any printing funds remaining at the end of the fall semester will roll over to the spring semester. Any remaining funds at the end of the summer will zero out. If printing funds are depleted before the end of the semester, students can use EXPRES\$ CASH to continue printing in these locations.

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.

OVER-REGISTRATION FEE

Students who are registered for more than 18 credit hours in a semester will be charged an Over-Registration Fee. This is a per credit hour surcharge for every credit hour over 18. The rate is \$657/credit hour for undergraduates and \$750/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:

Students living on-campus \$450 non-refundable tuition and housing deposit

Students living off-campus \$200 non-refundable tuition deposit

Fee due from new students by May 1 or within 15 days of your acceptance date.

RESPONSIBILITIES FOR EXPENSES

By registering for courses at Eastern Connecticut State University, you accept responsibility for payment, by the due date, of all University charges assessed to your student account, including, but not limited to, tuition and fees including late payment fees. This debt is your personal financial responsibility. Non-attendance does not relieve you of this financial responsibility for the courses in which you enrolled. Should you fail to make the required full payment or receive the financial aid to meet the balance on your account by the established deadline that late payment and/or interest will be added to your account and you will be restricted from registering for additional courses. Your transcripts and diplomas will be placed on hold and you may be denied other University services. A past due account may be placed with the Connecticut Department of Revenue Services for offset by state income tax refunds that you might be entitled to receive. You will be responsible for paying any additional fees and costs, including attorney fees and court costs, associated with the collection of any debt assessed to your student account.

TRANSCRIPT FEE

Full-time students \$40

Part-time students \$12

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

LAB/STUDIO/THEATRE FEE

A \$50 fee will be assessed for certain lab/studio courses in the Art, Biology, Chemistry, Environmental Earth Science, Music, Physical Sciences and Theatre departments.

NURSING LAB FEE

Beginning Fall 2024 a \$50 Undergraduate Nursing Lab Fee per credit for Part Time students and \$450 per semester. Undergraduate Nursing Lab Fee for full time students will be assessed.

APPLIED MUSIC FEE

A \$320 fee for ½ hour lesson and \$620 fee for 1 hour lesson will be assessed for Undergraduate and Graduate students.

MISCELLANEOUS STUDENT EXPENSES

Students furnish their own textbooks, notebooks, writing implements and art supplies. Approximately \$1,000 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 University. 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, participating 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.

VA POLICY ON LATE FEES SECTION 103

In accordance with Title 38 US Code 3679 subsection (e), this school adopts the following additional provisions for any students using U. S. Department of Veterans Affairs (VA) Post 9/11 G. I. Bill® (Ch. 33) or Vocational Rehabilitation and Employment (Ch. 31) benefits, while payment to the institution is pending from the VA. This school will not: Prevent the students enrollment;

Assess a late penalty fee to; Require student secure alternative or additional funding; Deny their access to any resources (access to classes, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills to the

institution. However, to qualify for this provision, such students may be required to: Provide Chapter 33 Certificate of Eligibility (or its equivalent) or for Chapter 31, VA VR&E's contract with the school on VA Form 28-1905 by the first day of class. Note: Chapter 33 students can register at the VA Regional Office to use E-Benefits to get the equivalent of a Chapter 33 Certificate of Eligibility. Chapter 31 student cannot get a completed VA Form 28-1905 (or any equivalent) before the VA VR&E case-manager issues it to the school. Provide written request to be certified; Provide additional information needed to properly certify the enrollment as described in other institutional policies.

THE EASTERN PAYMENT PLAN

It is the responsibility of the 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 offers a web-based payment plan service that enables you to spread your out-of-pocket costs for tuition, fees, room and board over a semester. With this you can:

- Set up a monthly payment plan based on your actual charges and pending financial aid.
- Automatically pay your installments each month using electronic check.
- Receive e-mail notifications as your plan adjusts to changes in your account.

You can pay your semester's bill in up to five monthly installments depending on when you enroll. The services are interest free and cost only \$35 per semester.

Charges for housing damages, 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 unearned 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 their 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. For the purpose of this refund policy, a term may be defined as the period of time with specific start and end

dates, during which the University holds classes. Multiple terms of different lengths may exist within any given semester or inter-session. Refund calculations are performed based on term start and end dates and not when individual courses meet.

FEE	DUE	REFUND POLICY
Application Fee	Upon submission of application	Nonrefundable
Confirmation Deposit (UG/G) \$200 (applied to Tuition/Fees)	May 1 or within 15 days of invoicing thereafter	Nonrefundable
Re-registration Fee	Upon re-registration	Nonrefundable
Full-time Tuition and Fees	Fall Semester not later than July 31 Spring Semester not later than December 31	<p>Upon withdrawal from the University up to, but not including, the first day of the term, as defined by the published University calendar, 100 percent of the term charges will be cancelled.</p> <ul style="list-style-type: none"> • 90 percent of the term charges will be cancelled during the first week of the term, • 60 percent of the term charges will be cancelled during the second week of the term, • 40 percent of the term charges will be cancelled during the third and fourth weeks of the term, • No refund of charges after the fourth week of the term

Part-time Registration Fee	All Terms	Non-refundable
Part-time Tuition, General University Fee and Course Fees	All Terms Courses eight weeks or greater in length	<ul style="list-style-type: none"> • 100 percent of the term charges will be cancelled during the first week of the term. • 60 percent of the term charges will be cancelled during the second week of the term. • 40 percent of the term charges will be cancelled during the third and fourth weeks of the term. • No refund after the fourth week of the term.

Part-time Registration Fee	All Terms	Non-refundable
	Courses three weeks to seven weeks in length	<ul style="list-style-type: none"> • 100 percent of the term charges will be cancelled during the first three calendar days of the term. • 60 percent of the term charges will be cancelled during the fourth, fifth and sixth calendar day of the term. • 40 percent of the term charges will be cancelled during the seventh, eighth and ninth calendar day of the term. • No cancellation of charges after the ninth calendar day.
	Courses less than three weeks in length	<ul style="list-style-type: none"> • 100 percent of the term charges will be cancelled during the first two calendar days of the term. • 60 percent of the term charges will be cancelled during the third and fourth calendar day of the term. • No cancellation of charges after the fourth calendar day.
Ed.D. Professional Seminar	Summer – four full days, not meeting consecutively	75 percent of the term charges will be cancelled within the first two calendar days of the term. No cancellation of charges thereafter.
E-Learning On-Line Fee	Upon Registration	Non-refundable.
E-Learning Course Fees		Included within the full- and part-time refund schedules above.

Food Service Fee	Fall Semester no later than August 1 Spring Semester no later than January 2	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
\$250 Housing Deposit	On or before April 1 for returning students and on or before May 1 for new students, with specific date to be established annually. Dates will be less than 30 days prior to the dates shown above (April 1 and May 1).	Nonrefundable
Housing Fee – (applies to students who withdraw from University)	Academic year contract to be paid in two installments: Fall Semester not later than August 1 Spring Semester, not later than January 2	Upon withdrawal from the University, the housing refund will mirror the University refund policy for tuition and fees: <ul style="list-style-type: none"> • 100 percent of the term charges will be cancelled upon withdrawal from the University up to, but not including, the first day of the term as defined by the published University calendar, • 90 percent of the term charges will be cancelled during the first week of the term, • 60 percent of the term charges will be cancelled during the second week of the term, • 40 percent of the term charges will be cancelled during the third and fourth weeks of the term, • No cancellation of charges after the fourth week of the term.
Housing Fee (applies to students who remain enrolled, but withdraw from University housing)		Upon withdrawal from University housing, up to and including June 30, 100 percent of the housing charges will be removed from the student's account. No cancellation of charges for students who withdraw from housing on or after July 1 (academic year) or December 1 (spring term – for those students who plan to enter housing for the first time in spring), unless otherwise approved through a review process to be established by each University.

Housing Contract Cancellation	<p>A. Students who wish to cancel their Housing Contract/Assignment must do so in writing by adhering to the Housing Withdrawal process for their Housing Contract/Assignment must do so in writing by adhering to the Housing Withdrawal process for their respective University.</p> <p>B. Students who request to cancel their Housing Contract/Assignment will be released for the following reasons:</p> <ul style="list-style-type: none"> • The student is participating in an internship, co-op, study abroad, student teaching, or other academic obligation that reduces or eliminates the need for on-campus housing. • The student has medical reasons for cancellation that are verified by the appropriate university department. • The student has graduated from the University before the end of the contract period. • The student is academically suspended before the end of the contract period. • The student has officially withdrawn, or taken an official leave of absence, from the University. <p>C. Students who request a Housing Contract Cancellation for reasons other than those noted in section B will have their Housing Cancellation request reviewed through a process to be established by each University.</p> <p>D. Students who are approved to have their Housing Contract cancelled for reasons other than those noted in section B, will forfeit the Housing Deposit that they have paid if the cancellation is before or during their initial contracted term of occupancy.</p> <p>E. Students who are not approved to have their Housing Contract cancelled shall remain responsible for the fees associated with the duration of their Housing Contract and retain the right to occupy their assigned room.</p> <p>F. Students who have their Housing Contract cancelled for the convenience of the university will not be required to pay any housing fee associated with the contract period.</p> <p>G. Students who have their Housing Contract cancelled for judicial/disciplinary reasons will be responsible for paying for the duration of the semester in which their contract was cancelled. They are not entitled to a refund.</p>
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Federal regulations require that all refunds be restored to Federal programs in the following priority sequence:

1. Unsubsidized Federal Direct Stafford Loans
2. Subsidized Federal Direct Stafford Loans
3. Federal Perkins Loans
4. Federal Direct PLUS received on behalf of the student
5. Federal Pell Grants
6. Federal SEOG Program Aid
7. 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:

8. Other State, Private, or Institutional Assistance
9. Student

WITHDRAWAL & REFUNDS MILITARY TUITION ASSISTANCE (TA) REFUND POLICY AND SCHEDULE

This policy applies only to students receiving Military Tuition Assistance (TA). TA is awarded to a student under the assumption that the student will attend school for the entire period for which the assistance is awarded. When a student withdraws, the student may no longer be eligible for the full amount of TA funds originally awarded. To comply with Department of Defense (DOD) policy, Eastern Connecticut State University will return any unearned TA funds on a prorated basis through at least 60% portion of the period for which the funds were provided. TA funds are earned proportionally during an enrollment period. Any unearned TA funds – based upon when a student stops attending – will be returned directly to the military service from which the funds were provided, not to the service member.

Withdrawal & Refunds Military Tuition Assistance (TA) Refund Policy and Schedule

In instances when a service member stops attending due to a military service obligation, Eastern Connecticut State University will work with the affected service member to identify solutions that will not result in a student debt for the returned TA funds in compliance with the DOD policy.

Procedure

To comply with the DOD policy, Eastern Connecticut State University will return any unearned TA funds up to 60% of the semester on a prorated basis. The amount of unearned TA funds returned is based on the date of withdrawal. After 60% of the semester has passed, TA will not be evaluated for a return to the DOD.

Withdrawal Liability Chart:

Effective Withdrawal Date	Return of TA%	TA% Earned
Before or during Weeks 1 - 2	100%	0%
Weeks 3 - 4	75%	25%
Weeks 5 - 8	50%	50%
Week 9	40%	60%
Weeks 10 -15	0%	100%

For courses that have durations differing from the above: Unearned TA funds will be returned on a prorated basis, depending on the length of the student's enrollment for the semester. To determine the amount of TA that needs to be returned, the University will determine the date the withdrawal was submitted and then divide that by the number of days in the semester to determine the percentage of TA that was earned by the 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.

FEES

Visit <https://www.easternct.edu/admissions/tuition-fees.html> 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 eligible 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 Educational Transition Services (VETS) Center 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. Admission to the University is a prerequisite. Contact the VETS Center for further information.

WAIVER OF TUITION AND STATE UNIVERSITY FEE FOR PERSONS 62 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 there is space available in the desired course(s) at the end of the regular registration period. 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 loan repayment programs, \$2,000 cash bonus, plus the GI Bill® of \$198 per month, contact the National Guard. GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government Web site at www.benefits.va.gov/gibill.

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 any 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.

UNDERGRADUATE FINANCIAL AID

Taylor Bischoff, *director*

The Financial Aid Office assists students in finding support for a college education. About 75% of the student body receives some kind of assistance. All students, 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 will automatically be considered for a Federal Pell Grant and other types of available aid.

In order to be considered for most types of assistance, a student must be matriculated and enrolled full-time (12 credit hours per semester). Limited aid, however, is available to part-time and less than half-time students who are matriculated. Aid recipients who drop below half-time must inform the Financial Aid Office.

More detailed financial aid information may be secured through the Financial Aid Office in the Alvin B. Wood Support Services Center (860) 465-5205 or at www.easternct.edu/finaid/.

SATISFACTORY ACADEMIC PROGRESS (SAP) FOR FINANCIAL AID RECIPIENTS

The SAP Policy at Eastern Connecticut State University (Eastern) is based on federal guidelines that require each college and university to ensure that student aid recipients are progressing through their academic programs at an acceptable pace while maintaining an acceptable cumulative grade point average. This policy is separate and apart from other academic policies at the university.

The SAP Policy includes three standards that must be met in order for a student to receive aid from the financial aid programs listed below. Students failing one or more of the standards receive one warning term before their aid is suspended.

SAP STANDARDS

- **Grade Point Average Standard:**

Undergraduate students are expected to maintain a cumulative grade point average of:

- 1.8 or higher with up to 30 credits attempted,
- 1.9 or higher with 31 to 45 credits attempted, and,
- 2.0 with greater than 45 credits.

Graduate students are expected to maintain a minimum grade point average of 3.0

- **Pace of Progression:** Undergraduate and graduate students are expected to successfully complete at least 67% of the credits attempted from term to term. This percentage can be negatively affected by incompletes, withdrawals and repetition of credits. Transfer credits accepted toward an Eastern degree will count as both attempted and earned credits in calculating this completion rate.*
- **Maximum time Frame Standard:** While a four-year timeframe for degree completion should be the goal, undergraduate students are required to have completed a bachelor's degree from Eastern within six years or once they have attempted 180 credits (includes transfer credits and represents 150% of bachelor's degree 120 credit hour requirement). Graduate students are required to have completed a master's degree from Eastern within three (3) years or once they have attempted 150% of the credits (includes transfer credits) required for their academic program. **

***Repeated Courses:** All repeated coursework affects Satisfactory Academic Progress calculations. A repeated course and the original attempt must be counted as attempted credit hours and will count toward the student's maximum time allowance.

****Maximum Time Frame:** A student may receive financial aid for attempted credits that do not exceed 150 percent of the published credit hours of the student's academic program at the University (i.e. if a bachelor's degree requires 120 credits for completion, the student must complete the program with no more than 180 attempted credit hours). This 150 percent rule applies consistently to students who have transferred, changed majors, repeated courses, seek a dual major or a second degree. While it also applies to students who come to Eastern to seek a second degree, in such cases, the student's previous credits applied to the degree and required courses at Eastern will guide the determination of Maximum Time Frame.

Financial Aid Awards Affected by SAP Standards

Federal Pell Grant*

Federal SEOG

Federal Direct Student Loan (subsidized and unsubsidized)

Federal Direct PLUS Loan

Federal Direct Grad PLUS Loan

Federal Work Study

Federal Veterans' Educational Benefits+

Federal TEACH Grant

Connecticut State University Grant

Designated State Scholarship and Grant Programs Designated Alternative/Private Loans

Eastern Grant/Scholarship Programs

Governor's Scholarship Program Scholarship

Governor's Scholarship Program Grant

* As of July 1, 2012, first-time Federal Pell Grant recipients are limited to 12 semesters of scheduled awards. Awards received will be tracked by the US Department of Education and students are required to meet the financial aid SAP standards to receive other awards regardless of whether they have received the maximum number of scheduled Pell Grant awards.

+ Eastern reports failure to achieve SAP to the Veterans Administration (VA), but the VA determines whether Veterans' Benefits will be withheld.

SAP Review Process

After each term's grades are posted, the Financial Aid Office reviews the academic records of financial aid recipients before disbursing aid for the upcoming semester. The aid of students who meet the academic standards required by the policy will be disbursed.

SAP Warning

When a student fails to meet one of Eastern's SAP standards, an SAP Warning notification will be sent by email and regular mail and this student will be eligible to receive financial aid for the next term. If, at the end of the SAP Warning term, the student is meeting the minimum requirements of SAP, the SAP Warning is lifted and the student will receive aid for the following term.

Students who fail to achieve SAP at the end of the SAP Warning term will be ineligible for financial aid in the subsequent term or until such time as they again meet the requirements of SAP. A student may appeal (see below) this loss of aid and, if the appeal is approved, the student will be placed in the SAP Probation status and financial aid will be reinstated. Should an appeal be denied, financial aid will be cancelled for the next term.

SAP Probation

Being placed in the SAP Probation status means that a student has successfully appealed the loss of aid for the term following an SAP Warning term. The student's aid is reinstated and the student is notified by email and regular mail about being placed in this status. The student may be required to fulfill specific terms and conditions as established by an Academic Plan, which could include, among other things, taking certain courses, having a reduced course load, earning a certain number of credits and/or achieving a certain grade point average. At the end of the SAP Probation term, the student must meet the requirements of Eastern's SAP Policy and/or the requirements of the Academic Plan, in order to continue receiving financial aid. If the student achieves well enough to meet Eastern's SAP Standards, their status will also be changed to "satisfactory". Otherwise, the student will again lose eligibility for financial aid.

SAP Appeal

If extenuating circumstances exist which contributed to the student's failure to meet one of the above SAP Standards, a written appeal may be submitted. Examples of extenuating circumstances which might be grounds for an appeal include, but are not limited to, a divorce in the family, unexpected death or major hospitalization of an immediate family member, extended hospitalization or

medical condition of the student, the student being victimized in a violent crime, or difficulty balancing the demands of college, work and family. The appeal must address, and document where appropriate, these extenuating circumstances, describing:

- why the student failed to achieve SAP, and,
- what has changed that will allow the student to achieve SAP during the next academic term.

The appeal form is available on the Financial Aid Website and must be submitted to the Financial Aid Office by the set deadline included in the letter and email notification. All responses to appeals will be made via the student's Eastern email account as soon as possible after appeal and documentation are submitted.

Exceptions beyond the appeal deadline are at the discretion of Satisfactory Academic Progress administrator and Director of Financial Aid.

Questions regarding the SAP Policy requirements and/or process should be directed the Financial Aid Office via email at financialaid@easternct.edu and/or by calling (860) 465-5205. Members of the financial aid staff are available to assist Monday - Friday from 8:30 a.m. - 4:30 p.m.

UNIVERSITY HONORS SCHOLARSHIP

Each year the University awards scholarships to outstanding students accepted into the University Honors Program. These scholarships cover a maximum of eight semesters when students maintain the academic standards required by the Program. Contact the Honors Program at (860) 465-5193 or visit www.easternct.edu/honors/index.html.

ACADEMIC EXCELLENCE/MERIT SCHOLARSHIPS

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

ARMY AND AIR FORCE ROTC SUBSISTENCE ALLOWANCE

Scholarships and other educational monetary support are available when you join either the Army ROTC or the Air Force ROTC. Eastern Connecticut State University is a participating institution. There are varying types of scholarships and educational benefits, as well as obligations and requirements. Scholarship access can include two, three, and four-year plans, as well as money for expenses and books, but not all will cover room and board. Current enlistment or enrollment is not necessary – students are eligible for scholarships and tuition coverage as a high school student enrolling in college, a current college student, or an active duty, enlisted Soldier. For more details, dates, and links to the application process, please visit the following sites or call Army ROTC at (860) 486- 6081, X4538 or Air Force ROTC at (860) 486-2224.

ARMY ROTC

<https://www.goarmy.com/careers-and-jobs/find-your-path/army-officers/rotc/scholarships.html>

AIR FORCE ROTC

<https://www.afrotc.com/scholarships/enlisted/ascp-soar/>

FINANCIAL AID AND BILLING

Financial aid, except for student employment, is automatically applied to each semester's bill. If the charges exceed the financial aid award, the student must pay or make arrangements to pay through a payment plan, the balance of the bill is due by July 31 for the fall semester and by December 31 for the spring semester. If the financial aid award exceeds the charges, any balance will be available to the student for books, transportation and living expenses. Due to federal regulations, students receiving financial aid who withdraw during the first 60 percent of the term may lose a substantial amount of aid. It is always prudent to check with the Office of Financial Aid about the implications of this regulation before finalizing any decision to withdraw.

Collection of Debt

Students with past due balances are subject to their University's collection process; students failing to pay past-due accounts or make adequate payment arrangements will be assigned to a collection agency. Collection agency fees will be charged to the student and their past due balance will be reported to the credit bureau(s).

STUDENT SERVICES

Michelle Delaney, *vice president for Student Affairs*

Eastern's commitment to a liberal arts experience is supported by the many offices under the umbrella of, or connected to, the Division of Student Affairs. We connect 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, shape their future and maximize student learning through a co-curricular experience grounded in the liberal arts.

We seek to engage our students in meaningful ways, connecting them to experiences that separate them from their peers in higher education and provide both an intellectual epiphany and a competitive edge in the marketplace. Facilitating first-year students to become engaged and then graduate four years later as significantly more sophisticated and articulate leaders for our society is an outcome that we seek for our students.

DEAN OF STUDENTS

Kemesha Wilmot, *dean of students*

The Dean of Students Office is located in Gelsi-Young Hall, 2nd floor, Room 222. The Dean of Students, reporting to the Vice President for Student Affairs, oversees key areas of student services including the Intercultural Center, Pride Center, Center for Community Engagement, Wellness Education Outreach/ Veterans Care, Office of AccessAbility Services, the Women's Center, and the Student Center. The Dean of Students advocates for students when appropriate and assists with their academic, social, and personal growth. In addition, she serves as a general resource and ombudsperson responding to students' needs as related to their personal and social concerns as members of the Eastern community.

DEPARTMENT OF ATHLETICS

Lori Runksmeier, *director*

By placing the highest priority on the overall quality of the liberal arts educational experience, Eastern Connecticut State University's Department of Intercollegiate Athletics, Intramurals and Recreation seeks to integrate its programs and goals with academic and developmental objectives and to assure the assimilation of student athletes into the general student body.

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 competitions unless the student athlete meets all the requirements of eligibility.

COUNSELING AND PSYCHOLOGICAL SERVICES

Bryce Crapser, *director*

Counseling and Psychological Services (CAPS) promotes the psychological well-being, personal achievement and personal growth of Eastern's students. CAPS services are provided at no charge to undergraduate and graduate students registered for the semester in which they are seeking services. The center offers individual and group counseling, crisis intervention and psychiatric evaluations, as well as consultation services for the University community. The primary goal of counseling is to help students overcome personal, emotional and psychological issues and develop ways that will allow them to take advantage of educational opportunities and reach their academic goals at Eastern.

ACCESSABILITY SERVICES

Brooks Scavone, *director*

The Office of AccessAbility Services (OAS) guides its work with a commitment to diversity, equity and inclusion under the strategic plan of the University and the Division of Student Affairs. Universal Design, Social Model of Disability and the concept that Disability is Diversity and that access is a human and civil right are also guiding models within the OAS. OAS provides guidance to ensure equal access to all educational programs and activities at Eastern. The OAS facilitates accommodations and support services for students with documented disabilities and temporary injuries.

The philosophy and mission of OAS is to facilitate both identification and removal of barriers (systemic, physical, attitudinal, institutional and internalized) that impact folks with disabilities on Eastern's campus. The removal of barriers will promote full participation and ensure access of individuals with disabilities. This will create a campus climate and culture that supports Disability as Diversity.

WELLNESS EDUCATION AND OUTREACH/VETERAN CARE

Angela Bazin, *director*

The Office of Wellness Education and Outreach works to support Eastern Connecticut State University students as they strive for academic and personal success. Wellness Education and Outreach provides outreach and prevention services to educate students on healthy ways to overcome barriers to success, such as alcohol or other drug use and impediments to physical, social and emotional wellbeing.

Veteran Care is located on the second floor of the Alvin B. Wood Support Services Center, the V.E.T.S. Center is open to all military veterans and their family members. We offer computer access and a lounge area for students, as well as a chance to share experiences from campus or military life.

CAMPUS MINISTRY

Fr. Larry LaPointe, Rabbi Jeremy Schwartz

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 campus 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 Office of the Foundation for Campus Ministry is located in the Multifaith Center, Knight House, but to contact the ministers, please stop by 290 Prospect Street or call (860) 423-0856.

CENTER FOR COMMUNITY ENGAGEMENT

Lana O'Connor, *associate director*

Active community involvement is a critical component of a well-rounded experience for students, staff and faculty. The Center for Community Engagement (CCE) is located on campus at 333 Prospect Street. The Center supports the mission and vision of the University by providing resources to build a culture of civic responsibility and engaged learning and creates sustainable, effective and productive relationships with community partners that benefit students, faculty and the community. In addition to gaining a deeper understanding and appreciation for the diverse communities that make up the Greater Windham Region, students volunteer engagement assists 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.

STUDENT HANDBOOK

Information concerning regulations of the University is available in the Student Handbook which contains 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.

STUDENT HEALTH SERVICES

Dr. Joseph Breton, M.D., *director*

Student Health Services is located at 185 Birch St., near the Low Rise apartments. We provide a wide range of services including visits for injuries and illnesses, Women's Health including annual exams and screenings, allergy and hormone shots. There is no charge for the visits here, so no insurance or money is needed. There is a charge for certain medications that can be bought here or a prescription can be sent to the pharmacy. Any services outside the Student Health Center, like X rays, will require your health insurance.

OFFICE OF HOUSING AND RESIDENTIAL LIFE

Paul Serignese, *interim director*

Eastern Connecticut State University prides itself on being a predominantly residential campus where over 60% of the student population choose to live on-campus. As such, a variety of living accommodations are provided for full-time matriculated students attending Eastern. By special request and space availability, housing can also be provided for part-time students who attend Eastern. The University offers traditional-style, suite-style, apartment-style, and studio-style residence halls that provide comfortable living in an environment that is conducive to study, personal growth and socialization. It is Eastern's belief that education extends beyond the classroom and that the residence halls are a place where learning and exchange of ideas amongst students, faculty and staff is an integral part of the collegiate experience. Additionally, Housing and Residential Life strives to provide a variety of programs, initiative and support resources that aid students in their academic success and holistic development. The Office of Housing and Residential Life is located in room 241 of the Alvin B. Wood Support Services Center

OFFICE OF STUDENT CONDUCT

Dwayne Cameron, *director*

The Office of Student Conduct supports students as they learn Eastern's CORE values and how to act as responsible adults in a community-based living and learning environment. Students are encouraged to take responsibility for their actions as they learn

that the University is a community unto its own, with standards and expectations of academic and student conduct. The office is located on the second floor of the Alvin B. Wood Support Services Center in room 247.

THE ARTHUR L. JOHNSON UNITY WING

The Arthur L. Johnson Unity Wing is named after Dr. Arthur L. Johnson, former sociology professor at Eastern. Johnson served as a faculty member and administration from 1970 – 1999. In addition to his efforts as a dedicated faculty member, Dr. Johnson was committed to civic and community engagement. Until his death on September 6, 1999, Dr. Johnson sought to raise the consciousness of government leaders, corporate executives and educators and was on the forefront of the struggle for civil rights and an advocate for freedom and equality. Located in the lower level of the Student Center, the Unity Wing houses Student Organizations, the Intercultural, Pride and Women's Centers.

THE INTERCULTURAL CENTER

Josiah Cook, *coordinator*

The Intercultural Center builds a cultural, diverse and inclusive community at Eastern Connecticut State University. Through engaging programs, educational workshops and fellowship, the Intercultural Center creates an environment that enhances the understanding of social justice, increasing involvement, celebrates identities and cultural awareness. The Intercultural Center partners with Eastern's community to support marginalized and underrepresented students and welcomes everyone to be a part of our mission. The Center is a safe, open space for our students to walk in, study, unwind, use our resources and connect with staff members to discuss academic, social, or personal concerns. Not only does the Center provide university services, it supports multicultural student organizations and supports the ideas, goals and efforts diversity, inclusion and equity for the University. The Intercultural Center is located in the Student Center, Room 114.

PRIDE CENTER

Nicole Potestivo, *coordinator*

The Pride Center believes in an equitable world for all, fueled by radical self-love and community engagement. Our Center actively works to create a campus culture that acknowledges and values diverse gender identities, gender expressions, and sexualities through educational outreach, community building, and providing access to resources. Here students are welcome to navigate the path of self-exploration, intersectionality, and self-authorship in a supportive environment. Along with serving as a gathering space, the Pride Center organizes campus programs, workshops and activities centered on the LGBTQIAA2S+ experience. The Pride Center is located in the Student Center, Room 108G.

WOMEN'S CENTER

Starsheemar Byrum, *director*

The Women's Center (WC) fosters a space for belonging by affirming and honoring the experiences of women and supporting justice and equity for all. We use an intersectional framework to guide interventive efforts, cultivate solidarity, and to promote networking amongst women in the academy and beyond. Through community outreach and engagement, WC workshops, thematic programming, advocacy resources and more, we aim to effectively champion gender equity and combat interpersonal violence. The Center provides support services, including crisis intervention, for all survivors affected by such violence. Together, we affirm, honor, and empower through solidarity and advocacy.

STUDENT CENTER AND STUDENT ACTIVITIES OFFICE

Casey Kensey, *director*

Located on the North Campus, the 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 and offices for the Student Government Associate, Campus Activity Board and Campus Lantern. The Intercultural Center, Women's Center and Pride Center are also found on this level. The upper level consists of meeting and conference rooms, main lobby area, 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, new students participate in 3 unique orientation programs before the start of classes. Student Orientation Advising and Registration (SOAR) is an overnight program that sets students up for academic, social, and emotional success at Eastern. During SOAR, students will acclimate to campus, build connections with other students, faculty and staff, and finalize their fall course schedules.

Orientation Online is a virtual program that introduces students to Eastern's policies, resources and support services. Warrior Welcome, offered immediately before the start of classes, allows students to build community and learn about Eastern's culture of respect and inclusion.

Additional orientation programs are offered throughout the academic year to help students succeed in college.

STUDENT EMPLOYMENT

David John Mariasi, *associate director*

All University-funded employment for matriculated students is administered through the Office of Student Employment located on the third floor of the Gelsi-Young building. Interested students are responsible for locating on-campus positions by applying at various academic and administrative departments. Emphasis is on gaining valuable work experience related to the student's major whenever possible. Go to www.ecsujobs.org to see listings.

Students who are awarded Federal Work Study as part of their financial aid package are encouraged to apply for Federal Work Study-designated positions by visiting www.ecsujobs.org. Students should apply early as the number of positions on campus are limited.

Community Service positions are those working with local nonprofit, governmental, and community-based organizations. These are positions posted by our Center for Community Engagement Department on www.ecsujobs.org.

There are also Job Location and Development positions, located off campus on this website. Local employers list part-time jobs, that are approved by the Office of Student Employment and assist students in developing career goals and help them financially, regardless of their financial need. Students must fill out an application with the individual employers listed.

EASTERN POLICE DEPARTMENT

Stephen K. Tavares, *chief of police/ director of Public Safety*

Community policing is a 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 certified by the Connecticut Police Officer Standards and Training Council (POST-C), 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"), the LiveSafe App and security cameras located throughout campus that are linked directly to the University Police Department. In addition to certified police officers, buildings and grounds security officers also patrol the campus property and buildings.

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 credentials to access residential halls 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-55 of the Connecticut General Statutes, a uniform campus crime & fire safety report is published annually and is also available upon request or by visiting the University Police website (<https://www.easternct.edu/police/index.html>)

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, (800) 578-1449, or extension 54444 on campus.

ACADEMIC SUCCESS CENTER

Alison Whitcomb, *director*

The Academic Success Center (ASC) is home to many different student support services, whose mission is to assist Eastern students in realizing their highest level of achievement possible. Offices are located on the first and second floors of the J. Eugene Smith Library. We encourage all students to utilize the resources the Center offers and make Eastern's educational experience as positive and stress-free as possible.

The ASC is comprised of the following offices: Advising Center, Global Learning, Opportunity Programs, Career Services, Writing Center, Math Achievement Center (MAC) and Tutoring and Learning Strategies.

For additional information, call (860) 465-4526 or visit www.easternct.edu/academic-success.

ADVISING CENTER

Damali Abbensetts, *director of Transfer and Transition Advising*

Jessica Ruddy, *director of First Year Advising*

The Advising Center takes a proactive approach to academic advising and student development services for undergraduate students. The Center supports the University's dual-advising services for first-time students. All students are encouraged to visit the office for assistance with academic planning, course scheduling, placement testing, registering for courses and major exploration. The Center helps students apply the information they learn to their own unique educational goals and personal circumstances. In addition, the Advising Center administers and coordinates the following academic and administrative support programs and services:

- Advising Services for all full and part time undergraduate students, including new and continuing students
- First-year specific advising and transition services
- Placement test administration
- New student academic advising and registration services
- Academic Support and Assistance Program for probationary students
- Exploratory student services for undecided students
- Major/advisor assignment process
- Academic information and referral services
- Transfer and Articulation Policy (TAP) advising
- Bachelor of General Studies (BGS) Advising

For more information or to schedule an appointment, call (860) 465-4526 or visit www.easternct.edu/advising/index.html.

GLOBAL LEARNING

Chris Drewry, *director of Co-curricular Academic Programming*

Mission

The Office of Global Learning, located in the Academic Success Center, supports Study Abroad and National Student Exchange opportunities, as well as Global Field Courses. The office strives to make global and national travel for credit accessible and viable for as many Eastern students as possible. To learn more please access the webpage here: <https://www.easternct.edu/global-learning/index.html>

EXCHANGE PROGRAMS AND STUDY ABROAD

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. Students who wish to participate in NSE during their senior year must obtain approval by their faculty advisors and the Office of Global Learning coordinator. Students are required to have at least a 2.5 cumulative grade point average (GPA) and at least a 2.5 GPA at the end of the semester prior to their away term. Additionally, students must pay a \$150 NSE application fee. 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 submit Transfer Course Requests for each class they plan to take away from Eastern. Students receive information about how these courses will transfer back to Eastern one the appropriate chair/

Registrar's office reviews the request. The request form can be found on the student's Participant Release Form, which is provided to each student by the Office of Global Learning. NSE/host institution credits are calculated in a student's GPA at Eastern.

To learn more about NSE, click here: <https://www.easternct.edu/global-learning/national-student-exchange/index.html>

International Student Exchange Programs

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 submit Transfer Course Requests for each class they plan to take away from Eastern. Students receive information about how these courses will transfer back to Eastern once the appropriate chair/Registrar's office reviews the request. The request form can be found on the student's Participant Release Form, which is provided to each student by the Office of Global Learning.

Study Abroad is open to sophomores and juniors. Students who wish to study abroad during their senior year must obtain approval by their faculty advisors and the Office of Global Learning coordinator. Additionally, students are also required to have at least a 2.5 cumulative grade point average (GPA) and at least a 2.5 GPA at the end of the semester prior to their away term. All students who are registered in the International Study Program courses (ISP 300 and ISP 301) are automatically charged an application fee.

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.

The following is a partial list of all current international exchange opportunities available at Eastern:

- **Baden-Wurttemberg Germany Exchange Program.** As part of its new sister-state relationship, the Connecticut Legislature and the State Parliament of Baden-Wurttemberg, Germany, have created an innovative student exchange program involving universities in Baden-Wurttemberg 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.
- **Acadia University Exchange Program.** Located in Nova Scotia, eligible full-time Eastern students can pay Eastern tuition and fees to attend this partner school. Students can attend Acadia University for one semester or one academic year.
- **Queen Margaret University Exchange Program.** Eligible full-time Eastern students can spend a maximum of two semesters at Queen Margaret University in Musselburgh, Scotland. Students pay Eastern tuition and fees to Eastern.
- **Universite Catholique de Lyon Exchange Program.** Eligible full-time Eastern students can attend Universite Catholique de Lyon in Lyon, France. Students pay Eastern tuition and fees to Eastern.

To learn more about our partner schools, click here: <https://www.easternct.edu/global-learning/study-abroad/partner-universities.html>

International Study Abroad Third-Party Provider Programs

Costs for study abroad programs may vary from location to location and include tuition, fees and room and board. Organized excursions and insurance are also often included in the set cost. Transportation, books, travel in the host country, application fees and incidental expenses are not included. All students who are registered in the International Study Program courses (ISP 300 and ISP 301) are automatically charged an application fee.

Study Abroad is open to sophomores and juniors. Students who wish to study abroad during their senior year must obtain approval by their faculty advisors and the Office of Global Learning coordinator. Additionally, students are also required to have at least a 2.5 cumulative grade point average (GPA) and at least a 2.5 GPA at the end of the semester prior to their away term.

The following is a list of all current Third-Party Providers that are affiliated with Eastern:

- **Cultural Experiences Abroad Global Education (CEA).** Through CEA, eligible students can participate in study abroad programs in several countries, including Argentina, Chile, China, Costa Rica, Czech Republic, England, France, Germany, Ireland, Italy, South Africa, and Spain.
- **Center for International Students (CIS).** CIS Abroad provides innovative education programs that broaden academic perspectives, promote global awareness and encourage personal development while laying the foundation for program participants to become engaged global citizens. Eastern students are able to participate in international and domestic programs through CIS Abroad. With full-time and part-time students being eligible to participate, CIS Abroad gives Eastern students a wide variety of programs to choose from. CIS also works closely with our faculty and students in leading Global Field Courses to destinations such as Hawaii, Costa Rica, Bahamas, Italy, Arizona, and many other destinations.
- **International Studies Abroad (ISA).** ISA provides high-quality education opportunities to eligible students in several countries, including Australia, Belgium, Brazil, Chile, China, Costa Rica, Czech Republic, England, Fiji, Finland, France, Germany, Greece, Hong Kong, Ireland, Japan, London, Morocco, New Zealand, Scotland, South Africa, South Korea, Spain, Santiago, Singapore, Sweden, Switzerland, Thailand, Valencia, and Wales.

- Academic Programs International (API). Eastern students may study abroad with API in more than two dozen countries across Europe, Latin America, and the Middle East. With a wide variety of courses offered in almost every major discipline and in various languages of instruction, it is easy for students to find a program that suits their academic interests. APA offers high quality language and culture programs for all levels of language learners.

To learn more about Eastern's affiliated Third-Party Providers, click here: <https://www.easternct.edu/global-learning/study-abroad/third-party-providers.html>

International and Domestic Global Field Courses and Group Study

A number of academic departments at Eastern offer international and domestic group study and field experiences, which are administered by the Office of Global Learning. Most programs offer academic credit and are taught by one or more Eastern faculty. Programs usually do not require foreign language proficiency but offer the opportunity for students to immerse themselves in another culture. Group study opportunities are offered in the 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 Global Citizenship initiatives.

To learn more please visit our Global Field Course page here: <https://www.easternct.edu/global-learning/global-field-courses/index.html>

OPPORTUNITY PROGRAMS

Christina Irizarry, *director, Opportunity Programs, Academic Success Center*

Opportunity Programs is an office designed to support first-generation, low-income, undocumented students, underprepared and those from underrepresented communities at Eastern. Our mission is to assist these students in their academic journey while fostering growth and connection within both the campus and local communities.

The office provides academic and social support to students in the following programs: STEP/CAP, theDream.US, Hartford Promise, Waterbury Promise, New Haven Promise, Higher Edge, Hispanic Alliance of Southeastern Connecticut, Achievement First (Hartford & Amistad), DC-CAP, Independent Youth (students affiliated with the Department of Children and Families) and CARIBE. International students and First-Generation to College Students also receive social support from the office.

Opportunity Programs is located in Library 107. Our office provides a welcoming study area open to the entire campus community with a special focus on the students we serve. This space is a hub where students can relax, study, and find a sense of belonging. Additionally, we host exclusive events that offer students a chance to connect with peers who share similar experiences, whether they are part of the same program or another under our umbrella.

The Opportunity Programs office is more than just a physical space; it is a resource for students to seek guidance and support for both personal and academic challenges. Our goal is to create an environment where students feel empowered and equipped to thrive in their educational pursuits and beyond.

OFFICE OF CAREER SERVICES

Chris Ambrosio, *director*
Academic Success Center, Library, First floor (860) 465-4458
www.easternct.edu/career/

The Office of Career Services helps meet the career development needs of all Eastern students, from first-year students through graduation. Programs and services are designed to guide and support students, while fostering self-direction and personal responsibility in career and life planning. Our office supports students through the following services:

Career Counseling

Self-assessment is essential to career development. Career counseling helps you clarify career goals, explore options, and examine interests, values, and talents. Career counseling sessions are available to assist students with choosing a major, exploring career options, searching for jobs or internships, resume writing, preparing for graduate school, developing interviewing skills, and other career-related topics.

Career Studio

The Career Studio is staffed by trained Career Peer coaches and allows for peer-to-peer interaction. The studio is open for drop-in appointments throughout the fall and spring semesters.

Resume Review

Counselors will provide resume review services in several ways, including a career counseling appointment, through uploading your resume in ECN or via email. Career Peer Coaches will also provide resume reviews in the Career Studio.

Workshops

Group sessions on career exploration, resume preparation, interview techniques, and internship and job-search strategies are conducted throughout the academic year.

Handshake

Handshake is a web-based system which allows students and alumni to search for internships, co-ops, and part/full-time jobs. Registering and posting a resume online provides access to career information and resources, as well as many employment postings.

Focus 2

Focus 2 is a web-based personalized career and educational planning system. Students can use Focus 2 to help them select a major, explore career options, and design a career plan for success.

Candid Career

Candid Career is a video based educational site which allows students to learn more about career opportunities related to their major and areas of interest. It also provides hundreds of helpful “Get Hired” videos on topics including resumes, interviews, net-working, etiquette, grad school and much more.

Cooperative Education

Cooperative Education (Co-Op) is a structured educational program in which students can combine classroom learning with productive work experience in a field related to their academic or career goals.

WRITING CENTER

Susan DeRosa, *faculty director*

The Writing Center offers assistance from trained undergraduate peer tutors who can help one-on-one to improve writing skills in any genre or class. The Center provides feedback and guidance in a friendly, judgment free zone, to help develop and refine ideas and communicate them in clear and appropriate ways.

The Writing Center is open during the academic year. Please see the website below for specific hours. The Center is closed during the summer.

For more information, stop by the Academic Success Center, email asc@easternct.edu, or call (860) 465- 4310. For additional information and scheduling appointments, visit the Writing Center site - Eastern www.easternct.edu/writing-center/index.html

Placement Tests

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 be placed in an appropriate writing course. Placement for the first-year writing course is based on a student’s SAT or ACT scores and/or a placement survey.

MATH ACHIEVEMENT CENTER (MAC)

Kate Dale, MSc, *director*

MAC is a free math tutoring service offered by the Mathematics Department. MAC offers the following services to all students:

- Homework Help
- Work through practice sheets for MAT 099, MAT 135, MAT 135P, MAT 155 and MAT155P
- Review quizzes or tests
- Work on study skills, time management and review lecture notes
- Tutoring Services
- Use of applicable textbooks
- Work with the TI-83/84/89 calculators

The MAC is open Monday to Thursday from 9 a. m. to 7 p. m. , Fridays from 9 a. m. to 5 p. m. and Sundays from 2 p. m. to 6 p. m. during the academic year. The Center is closed on Saturday, holidays and for weather-related events. The Center is closed during the summer.

For more information, stop by or call (860) 465-4526. For additional information and scheduling appointments, visit <https://www.easternct.edu/mathematical-sciences/mathematics-achievement-center.html>

Mathematics Placement Test

First-year and transfer students who have not fulfilled Eastern's foundational mathematics Liberal Arts Curriculum requirement prior to their enrollment must be placed in an appropriate mathematics course. Placement for the first-year mathematics course is based on a student's SAT or ACT scores and/or Accuplacer test results.

Transfer students who have received credit for MAT 1XX are immediately placed into MAT 135P, 139P, or 155P (choice of course is determined with advisor). Transfer students with MAT 1XX credit, seeking to place into MAT 135 or 155 must take the Accuplacer test. Transfer students who have received credit for MAT 216 are placed into MAT 135, 139P, or MAT 155/155P (choice of course determined in consultation with an advisor).

TUTORING AND LEARNING STRATEGIES

The Academic Success Center offers a robust tutoring program to help students gain clarity on course content, engage in meaningful academic discussions, and develop essential skills to excel in their classes. Students are encouraged to schedule appointments with tutors to meet one-on-one in the designated Academic Success Center study space. Our tutors are trained through a CRLA-certified program (College Reading and Learning Association) to collaborate effectively with students of all abilities, nurture a productive and scholarly tutoring environment, and equip students with sustainable learning and studying strategies to utilize throughout their college career and beyond. Students may also benefit from working with a tutor specialist to assess their current strengths and weaknesses among their academic routines and devise an improvement plan that addresses time management, organization, goal setting, note-taking, studying, and/or school-life balance.

For more information, visit <https://www.easternct.edu/academic-success/tutoring-center.html>.

CHILD AND FAMILY RESOURCE CENTER

Niloufar Rezai, *director*

The mission of the Child and Family Development Resource Center (CFDRC) is to promote the positive development of young children and improve the quality of care in early childhood education. The CFDRC serves as a hub for innovation in Connecticut where new approaches to improving the lives of children and families can be designed and studied. The center's program includes a state-of-the-art school for children of diverse cultural and economic backgrounds; support services for families; and experiential learning experiences for Eastern Connecticut State University students preparing for careers in a wide variety of areas, including early childhood education, psychology, sociology, social work and related fields. 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 families. Of special note is the center's commitment to providing a multi-cultural, bilingual experience for client families and Eastern students.

Eastern's early childhood education program is accredited by the National Association for The Education of Young Children (NAEYC), the Council for the Accreditation of Educator Preparation (CAEP), based on the National Council for Accreditation of Teacher Education (NCATE) standards. The center also supports research opportunities for Eastern students.

THE J. EUGENE SMITH LIBRARY

Janice Wilson, *director*

Librarians: Carolyn Coates, Hope-Marie Cook, Tara Hurt, Bruce Johnson, Sandra Rosado

Associate Librarians: David Vrooman, Angela Walker

The J. Eugene Smith Library supports and enriches the University's teaching, learning, and research objectives. The Library provides services and resources that foster intellectual curiosity and integrity, promote critical inquiry, and encourage awareness of the world. The Library's knowledgeable, friendly, and attentive staff welcomes the opportunity to interact with students and faculty around research assistance, teaching information literacy, developing relevant and dynamic collections, and providing access to a rich array of resources.

The Library, conveniently located mid-campus, is a four-level, 127,000-square foot, wirelessly connected building open 94 hours over seven days. The space is equipped with plenty of seating, tables, carrels, collaborative study rooms, computers, printers, including a color printer, scanners, and copiers

Resources include 350,000 print books, 500+ print journals, DVDs, and CDs. Several unique collections include materials for future educators, juvenile and young adult literature, university archives, government documents, and adult leisure reading fiction. Our online resources include thousands of articles from 130 databases and hundreds of eBooks that are accessible 24/7 on or off campus. Resources from other libraries are also accessible through the Connecticut State College and University (CSCU) library consortia and nationally through interlibrary loan.

Reference librarians and other staff are available to assist in-person, by phone, email or chat. We can help you discover the resources you need, help you find answers to your questions, check out books and guide you towards information literacy competency.

In addition to being a physical and virtual space that supports academic growth, the Library is also a place where informal learning and personal growth happen. Our programs, for example, author talks, presentations on a variety of topics of interest to students and faculty and fun events like therapy dog visits, foster the exchange of ideas, experiences and information that leads to lifelong learning.

For more information, please visit, call, chat, email or visit www.easternct.edu/library.

THE DAVID M. ROTH CENTER FOR CONNECTICUT STUDIES

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, census materials, maps, photographs and realia relating to the state.

The Center supports undergraduate courses, workshops, teachers, members of local historical societies, the scholarly community and consultation for the general public.

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.

DIVISION OF TECHNOLOGY SERVICES

Tony Hayes, *chief information officer*

Eastern provides a wide range of computing resources to the University community. Wi-Fi is available throughout the residence halls and most of the campus. Students may register up to eight different personal computers, smartphones, and tablets for automatic access to the wifi system.

Students, faculty, and staff also have access to Microsoft O365 that includes e-mail, OneDrive for Business, cloud storage, collaboration tools, and the full suite of Microsoft Office productivity tools for use in the classroom. Blackboard is Eastern's course management system and is used by many faculty members to enhance and supplement their courses.

Eastern's Banner self-service student information system, also known as e-Web, provides online access to student services including admissions, the course catalog, course offerings, registration, grades, class schedules, and related academic history, tuition and fee payment by credit card and financial aid information. These web tools and more are available by logging in at <https://www.office.com/apps?auth=2&home=1>.

There are more than 800 personal computers across campus for use by students. Classrooms, labs, and the campus network are regularly upgraded to incorporate new technologies. The Library contains numerous Windows and Mac computers for use by students and is open more than 90 hours a week during the academic year. In addition, each residence hall has one or more general-purpose computer labs to support student computing.

Various academic departments, such as Mathematical Sciences, Computer Science, Biology, Art and Art History and Environmental Earth Science, operate specialized computer labs in support of their specific curricula.

The Help Desk provides students, faculty and staff with assistance concerning technology use, questions, and problems. The Help Desk is located in Library Room 236 and can be reached via email at helpdesk@easternct.edu, by telephone at (860) 465-4346, or online by visiting <https://myeasternct.sharepoint.com/sites/HelpDesk>.

Eastern's Media Services provides a wide range of audio and video support services for Eastern's academic, administrative and public service programs. Media Services also supports the Communication Department's TV studio and editing facility, as well as the campus's multimedia classrooms. The department is located in the Communications Building, Room 125. Additional information is available at www.easternct.edu/media-services/index.html.

THE DIVISION OF DEVELOPMENT AND ALUMNI ENGAGEMENT

Phil Ellmore, *interim Chief Development Officer*

The Division of Development and Alumni Engagement consists of three departments: the Office of Development, the Office of Alumni Affairs, and the Office of University Relations. The division also manages event planning and scheduling for the University. The three departments work in concert to promote and maintain positive bonds with alumni and friends of the university, raise public awareness of the institution's events, programs, and progress, and to raise contributions for scholarships and key programs that benefit students and faculty.

Overall, the Division 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 OFFICE OF DEVELOPMENT

Joseph McGann, *director*

The Office of Development oversees the Annual Fund, which includes direct mail and the phone-a-thon program, which is composed of paid student callers; the cultivation and solicitation of leadership and major gift prospects; corporate and foundation grants; and annual events such as the golf tournament. The focus of these initiatives is to support a broad range of endowed scholarships, as well as programs that are not funded by the University budget.

THE OFFICE OF ALUMNI AFFAIRS

The Eastern family includes more than 30,000 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 Eastern 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, 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 OFFICE OF UNIVERSITY RELATIONS

Ryan Quigley, *interim director*

The Office of University Relations publishes EASTERN magazine and the bi-monthly online campus newsletter, "News Flash." The Office of University Relations is the speech writing and public relations office for the University and coordinates university marketing and advertising initiatives. It also promotes the University through publicity both outside the campus and to current students, faculty and staff.

THE ECSU FOUNDATION, INC.

Phil Ellmore, *executive director interim*

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, equipment and initiatives not funded by the state. The Foundation receives support through gifts from alumni, faculty, staff,

parents, students and 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.

REGISTRATION POLICY FOR THE COMPLETION OF EASTERN FIRST-YEAR LIBERAL ARTS CORE CURRICULUM REQUIREMENTS

It is Eastern Connecticut State University's policy that all students must successfully complete LAC 100 and LAC 101 within their first semester at Eastern. Students must successfully complete the math and writing Foundational Concepts courses within their first 30 credits earned at Eastern. LAC 200 must be successfully completed within their first 60 credits at Eastern. Students who fail any of these courses in any given semester must take the course again the following semester.

LIBERAL ARTS CORE CURRICULUM (LAC) EASTERN'S LIBERAL ARTS CORE (ELAC) CURRICULUM

Note: For information about the Liberal Arts Core Curriculum (LAC) which applies to students who matriculated prior to fall of 2024 or General Education Requirement Program which applies to students who matriculated prior to 2007, visit <https://www.easternct.edu/liberal-arts-core-curriculum/index.html>.

PHILOSOPHY OF ELAC CURRICULUM

Eastern's Liberal Arts Core curriculum is dedicated to building students' strengths in the skills and habits of mind that we believe are essential characteristics of a liberally-educated person while also inviting them to engage in course work across a range of fields in the Arts and Humanities, the Social Sciences, the Natural Sciences, and Mathematics. ELAC courses emphasize engaging, active learning to help students cultivate key skills for facing complexity and ambiguity in the many domains they will confront after graduation

The Five Liberal Arts Learning Outcomes (LOs)



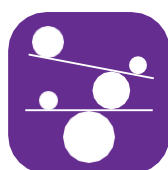
Creativity



Communication



critical thinking



ethical reasoning



quantitative literacy

Communication requires students to recognize and utilize the most appropriate means to address specific audiences in relevant contexts or genres in order to effectively inform or persuade.

Creativity is the ability to utilize skills and strategies to synthesize ideas, perspectives, information, or materials in original and self-aware ways and to use that synthesis to generate imaginative acts or products.

Critical Thinking is the analysis and evaluation of complex ideas, artifacts, information and arguments as a basis for formulating a well-reasoned belief, judgment, or conclusion.

Ethical Reasoning requires students to recognize ethical issues, identify their own ethical positions and analyze other ethical perspectives in real-world situations in order to consider the impact of decisions and actions on other individuals, society and the environment.

Quantitative Literacy is competency in working with numerical data to reason or solve problems, the ability to make judgements and draw conclusions supported by quantitative evidence and the ability to communicate those arguments utilizing quantitative tools.

ELAC Abilities

Eastern's Liberal Arts Core (ELAC) 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 goals enable students to:

- Productively engage in multiple modes of thinking
- Examine, organize, and synthesize information in ways appropriate to a variety of contexts
- Communicate effectively orally, visually, and in writing
- Use scientific methods and concepts and quantitative skills to solve problems and make informed decisions
- Understand how a person's culture influences his/her view of the world
- Act in an informed and ethical manner in our global society
- Understand the human condition from a historical context and
- Foster curiosity and a passion for learning.

EASTERN'S LIBERAL ARTS CORE (ELAC) CURRICULUM

ELAC enriches the educational experience by complementing a student's major program with a broader intellectual context. Through our course offerings, students explore a variety of subject areas while gaining skills in communication, creativity, critical thinking, ethical reasoning, and quantitative literacy. These skills are essential to any career.

While students learn the content, methodologies, and skills that are unique to their major, the true benefit of a liberal arts education at Eastern is our focus on empowering students to be adaptable and socially conscious individuals who are well-equipped for the challenges of the 21st century.

ELAC is comprised of three distinct parts:

ELAC Core Seminars	10 credits
Foundational Concepts	6 – 10 credits
Disciplinary Perspectives	24 credits
Total ELAC	40 – 44 credits

This curriculum emphasizes the five liberal arts learning outcomes and the use of high-impact practices in all ELAC courses.

ELAC SEMINARS • 10 CREDITS

The ELAC Seminars consist of three seminar classes (LAC 100, LAC 200, and LAC 400) and a 1-credit first-year course (LAC 101) for a total of 10 credits. ELAC Seminars foreground connections among disciplines and integrate multiple high-impact practices to target at least two liberal arts learning outcomes. These courses are offered in sequence, with LAC 100 and LAC 101 designed as a first-year experience that introduces students to the ELAC curriculum and Eastern, and LAC 400 offered to upper-level students as a liberal arts culminating experience.

LAC 100 – First Year Liberal Arts Seminar (3 credits)

LAC 100 is a seminar-style class requiring the foregrounding of connections among disciplines that serves as the first comprehensive experience students have in their liberal arts education. This class must adopt at least two of the liberal arts learning outcomes and at least two high-impact practices. The goal of this course is for students to begin to understand a liberal arts education and its benefits. Students will be enrolled in LAC 101 concurrently.

LAC 101 – Introduction to the Liberal Arts (1 credit)

LAC 101 is a one-credit course that serves as a broad introduction to the skills of and rationale for a liberal arts education. The five liberal arts learning outcomes are introduced, defined, and applied. By the end of the course, students will be able to articulate the value of a liberal arts education and an understanding of the skills and practices involved in the liberal arts. Acquisition of the liberal arts learning outcomes is tied to students' successful integration into campus culture. In LAC 101, students will be provided with information and resources for academic success, integration into campus life, and the development of select life skills. A peer mentor will be assigned to each LAC 101 section.

LAC 200 & 400 - LIBERAL ARTS ENRICHMENT (6 CREDITS)

LAC 200 and 400 will provide students with the opportunity to grow in their understanding of the benefits of a liberal arts education as they progress as students, and to recognize connections between their discipline, the liberal arts, and their everyday lives. These 3-credit seminar style courses will implement at least two high-impact practices and address at least two liberal arts learning outcomes. These courses are an opportunity for students to encounter rigorous and engaging material that crosses disciplinary boundaries and high-impact practices in a small class environment. They will help students connect the course material with their lived experience and strengthen their liberal arts skillset. LAC 400 will be a culminating liberal arts experience and should be taken in the junior or senior year.

ELAC FOUNDATIONAL CONCEPTS • 6 – 10 CREDITS

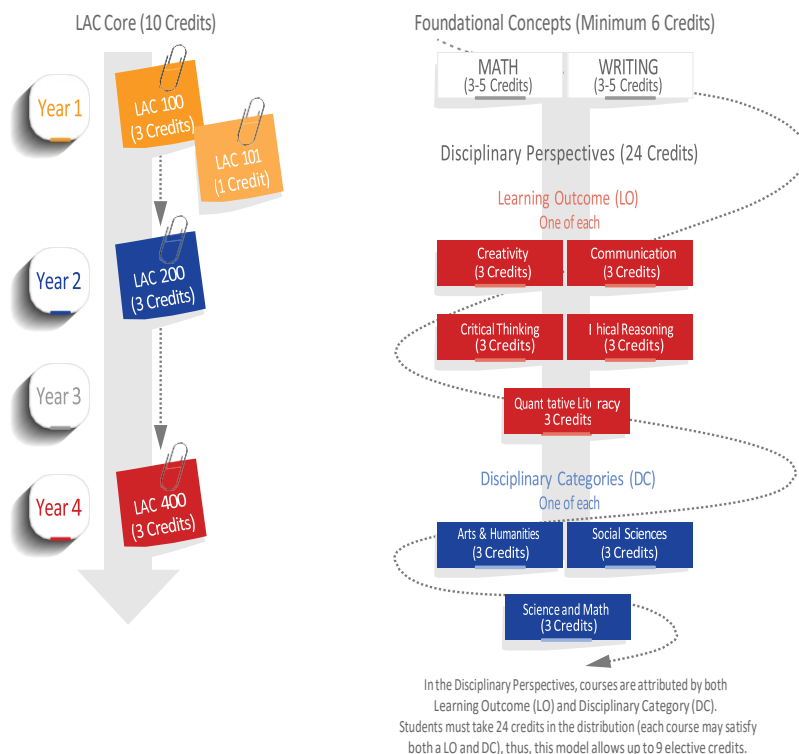
Every student must take two foundational courses, one in math and one in writing.

A Math Requirement of one course (minimum of 3 credits) ensures all students appreciate the importance of basic quantitative skills and gain mathematical skills necessary for completion of their degree and throughout their lives.

A Writing Requirement of one course (minimum of 3 credits) provides students with the basic skills in writing that they need for completion of their degree and throughout their lives. This course serves as the first course in the university writing program.

ELAC DISCIPLINARY PERSPECTIVES • 24 CREDITS

Disciplinary Perspectives courses are distributed across the five liberal arts learning outcomes and across the three liberal arts disciplinary categories (Arts and Humanities, Social Sciences, and Science and Math). These courses are attributed both by their primary liberal arts learning outcome and their liberal arts disciplinary category. To meet the disciplinary perspectives requirements, students must take at least one course from each learning outcome and at least one course from each disciplinary category.



ADDITIONAL GUIDELINES

Policy on Completing Liberal Arts Curriculum Courses

All students must successfully complete LAC 100 and LAC 101 within their first semester at Eastern. All students must successfully complete the Foundational Concepts courses within their first 30 credits at Eastern. All students must complete LAC 200 within their first 60 credits at Eastern. Students who fail any of these courses in any given semester must retake the course the following semester.

ELAC Courses Used in Major

- Students cannot count courses for both their major and ELAC other than the Math Foundational Concept requirement.
- Students pursuing two majors (including students pursuing teaching certification, one major, and Secondary Education certification) may use up to 15 credits of ELAC courses to fulfill major requirements, provided that no ELAC course is used to fulfill requirements in more than one major.
- A minimum of nine credits must be unique to each minor. These credits cannot be used to satisfy major, ELAC, or concentration requirements.

Transfer Students

- All transfer students must meet the minimum mathematics and college writing requirements established by the university.
- Transfer students from one or more accredited institutions who enter with 30 or more credits or re-admitted students who have previously earned 30 or more credits are exempt from LAC 100 and LAC 1101.
- Transfer students from one or more accredited institutions who enter with 60 or more credits or re-admitted students who have previously earned 60 or more credits will be exempt from LAC 100, 101, 200, 4 of the 5 Learning Outcomes, and 2 of the 3 Liberal Arts Discipline Categories. These students must complete 1 Learning Outcome and 1 Discipline Category (6 credits), which cannot be met by the same course. At least one Disciplinary Perspectives course (minimum of 3 credits) must be taken at the 300+ level.
- All students, regardless of the courses transferred to Eastern, must complete LAC 400, one Learning Outcome and one Liberal Arts Discipline category (6 credits) at Eastern, and 3 credits of Disciplinary Perspectives must be taken at the 300+ level.

UNIVERSITY WRITING PROGRAM

Susan DeRosa, *director*

Christine Garcia, *coordinator of First-Year Composition*

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

Stage 1 (First-Year Composition)

All students are required to take and pass ENG 100 or ENG 100P.

Upon entering, students who have not already met this initial requirement write a placement essay to determine the appropriate level for their first writing course. Some students may be placed by SAT or ACT score.

Stage 2 (Intermediate Writing Competency)

Students may satisfy this requirement by completing one of the following major-specific options during their sophomore and/or junior years:

- Taking and passing (so that it satisfies the major) a 200- or 300-level "writing intensive" course in their major.
- Taking and passing at least two 200-or 300-level courses in their major designated as "writing-enhanced."
- Completing another department-specific requirement based in the major department and approved by the University Writing Board.

Completing this Stage 2 requirement is a prerequisite for any course that fulfills Stage 3, as listed below. Students entering Eastern with 75 or more transfer credits are exempt from Stage 2, but should be aware that the designated writing-intensive or writing-enhanced courses may still be requirements for that major.

Stage 3 (Upper Division Writing-Intensive Course in the Major)

- Students must take and pass one 300- or 400-level advanced writing-intensive course in the major.

Special Programs

- B. G. S. students and students with individualized majors may take any listed writing-intensive or writing-enhanced course assuming they have met the Prerequisites determined by the department offering the course. B. G. S. students should also check the Writing program website for courses designated especially for them.

SPECIAL PROGRAMS

HONORS PROGRAM

Timothy Cochran, *director*

The University Honors Program provides an alternative course of study for some of Eastern's most intellectually curious and research-oriented students. It is an enhanced academic program that includes students from any major and offers a number of unique opportunities and experiences, including a rigorous curriculum and emphasis on undergraduate research. Most Honors courses satisfy requirements in Eastern's Liberal Arts Core curriculum (ELAC), and completion of an acceptable Honors Thesis can, in many cases, satisfy University Writing Requirements. The Honors Colloquia entail small classes in a seminar style with interdisciplinary topics and dedicated professors. Honors Scholars are also provided with a number of undergraduate research opportunities culminating in the completion of an Honors Thesis, which is overseen by a faculty advisor and completed over three semesters. The successful completion of an Honors Thesis is the focal point of the program and the capstone experience for all Honors graduates.

Honors Scholars follow an enhanced academic program that is designed to sharpen their critical thinking and communication skills and to prepare them to conduct original research and/or creative activities. The Program follows a cohort model so that each class moves through the curriculum as an integrated group. All members of the first-year cohort take ELAC seminars LAC 100 and 200 together as well as LAC 101, which introduces them to the liberal arts, the Honors Program, and life at Eastern in general. Between sophomore and senior year, students take three Honors Colloquia, which are interdisciplinary electives focused on student-directed inquiry. In their senior year, Honors Scholars submit an Honors Thesis on a research or creative project that they have completed under the guidance of a faculty mentor across three semesters. This curriculum is intended to provide students with skills and experiences they will need to excel in graduate school or their careers after graduation.

Honors Scholars are expected to participate in the community service, academic, and social activities that are sponsored by the Honors Club and the Honors Council. They are also expected to complete at least one Honors course per year, carry at least twelve graded credits per semester, graduate with at least a 3.5 grade point average, prepare a thesis proposal to be approved in the Fall of junior year, complete the thesis in the Fall of senior year, and receive the ongoing recommendations of Honors professors. Academic decisions for the program are made by faculty serving on the Honors Council.

First-year students interested in participating in the program should contact the Honors Program at (860) 465-4317 for application information. Additional information, including the Honors program curriculum, can be found at www.easternct.edu/honors/.

FIRST-YEAR EXPERIENCE

Michelle Delaney, *vice president for Student Affairs*
David Pellegrini, *ELAC seminar coordinator*

The primary goals of the First-Year Experience (FYE) are to ensure that every first-time student experiences a successful transition from high school to college life and to promote academic success.

FYE RESOURCES, PROGRAMS, AND SERVICES

Many departments and offices provide access to resources and services to assist new students with academic and personal success. Before their fall semester begins, all first-year students participate in an overnight Student Orientation, Advisement and Registration (SOAR) program in the summer and a "Warrior Welcome" program in the days just before the start of classes. Both programs are designed to help students acclimate to campus and prepare for the academic year.

ACADEMIC PREPARATION

The centerpiece of the FYE is the academic requirement: a three-credit Seminar (LAC 100) and a one-credit course, Introduction to the Liberal Arts: Introduction to the Liberal Arts (LAC 100). LAC 100 seminars focus on a relevant topic designed and taught by full-time faculty members from across the disciplines, which incorporate high-impact practices such as team-based learning and collaborative projects, and assignments. The class size of these seminars is capped at 20 students in order to foster learning communities in which students work interactively with each other and with faculty to explore topics through an interdisciplinary lens. The same group of students in each seminar will also enroll in LAC 101: Introduction to the Liberal Arts, in which they are immersed in a hands-on exploration of the five learning objectives (Communication; Creativity; Critical Thinking; Ethical Reasoning; and Quantitative Literacy) of Eastern's Liberal Arts mission. In addition, LAC 101 students work with a Peer Mentor to become acquainted with all of the resources and services available on campus, including clubs, events, and other programs vital to the Eastern experience. Together, LAC 100 and LAC 101 aim to give first-time students a rich and comprehensive introduction to college-level academic expectations, campus life, and the principles of a liberal arts education that they will draw upon both in their chosen careers and the rest of their lives.

For additional information about the FYE, please visit www.easternct.edu/first-year-experience/index.html.

RESERVE OFFICE 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 in Storrs. Through the Air Force ROTC program, Eastern Connecticut State University students can pursue a commission as an officer in the United States Air Force without paying extra tuition. The first-year 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 and provide 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

Academic Majors

ACCOUNTING

Accounting and Business Information Systems Department
Department Chair K. Niki Kunene

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 advising, 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.

Students seeking professional careers in accounting, particularly with public accounting firms, are encouraged to pursue a graduate degree in accounting.

Admission to the Program

Students majoring in accounting are required to register their intent with the accounting faculty no later than the end of their sophomore year. The bachelor's degree program is primarily a junior/senior course of study, and admission is competitive. Students must maintain 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 60 credits is required in the major, consisting of nine credits of related course requirements, 21 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. No more than two advanced accounting courses can be transferred to Eastern.

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 201 Introductory Microeconomics	3
MAT 216 Statistical Data Analysis	3
BUS 301 Business Ethics	3

Common Business Core Requirements

ACC 201 Principles of Accounting I.....	3
BUS 201 Principles of Management.....	3
BUS 225 Principles of Marketing.....	3
FIN 245 Business Finance.....	3
BUS 250 Business Law I	3
OSC 260 Operations Management	3

Choose one:

ACC 490 Internship in Accounting	3
BUS 490 Internship in Business Administration	3

Advanced Accounting Requirements

ACC 301 Intermediate Accounting I.....	3
ACC 302 Intermediate Accounting II.....	3
ACC 303^ Intermediate Accounting III.....	3
ACC 310 Cost Accounting Systems.....	3
ACC 311^ Advanced Managerial Accounting.....	3
ACC 410 Advanced Financial Accounting.....	3
ACC 411^^ Contemporary Issues in Accounting.....	3

ACC 412 Auditing.....	3
ACC 416 Federal Individual Taxation	3
ACC 420 Accounting Information Technology.....	3
and Business Solutions	
<i>^meets Stage 2 University Writing Requirement (must complete two courses) ^^meets Stage 3 University Writing Requirement</i>	

Recommended Course Sequence

Check all course descriptions for prerequisites before planning your course schedule.

First Year

ENG 100 College Writing.....	3
MAT XXX Mathematics Above Algebra II	3
LAC 100, 101 LAC Seminar and Intro to the LAC.....	4
Other ELAC Requirement.....	20
Total for Year	30 credits

Second Year

ECO 201 Introductory Macroeconomics	3
MAT 216 Statistical Data Analysis	3
BUS 201 Principles of Management.....	3
BUS 225 Principles of Marketing.....	3
BUS 250 Business Law I.....	3
ACC 201 Principles of Accounting I.....	3
ACC 301 Intermediate Accounting I.....	3
BUS 301 Business Ethics	3
ELAC Requirements.....	6
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
FIN 245 Business Finance.....	3
BUS 260 Operations Management.....	3
ACC 416 Federal Individual Taxation	3
ELAC Requirements or Electives.....	6
Total for Year	30 credits

Fourth Year

ACC 410 Advanced Financial Accounting.....	3
ACC 411 Contemporary Issues in Accounting	3
ACC 412 Auditing.....	3
ACC 420 Accounting Information Technology.....	3
and Business Solutions	
Choose one:	
ACC 490 Internship in Accounting	3
BUS 490 Internship in Business Administration	3
Electives#.....	15
Total for Year	30 credits

#Two graduate courses may be selected with written approval of the Accounting faculty.

ANTHROPOLOGY

Sociology, Anthropology, Criminology, and Social Work Department

Department Chair: Theresa Severance

Program Coordinator: Ricardo Pérez

The Anthropology Major 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. Anthropology is an excellent background for those who wish to develop careers or pursue graduate education in policy, development, teaching, non-profits, or other service professions. Students must earn a 2.3 GPA in Anthropology Major courses.

Program Core Courses

ANT 101 Introduction to Anthropology	3
ANT 106 Cultural Anthropology	3
ANT 107 Anthropology	3
ANT 125 Introduction to Archaeology	3
ANT 301 Anthropological Theory	3
ANT 390^ Anthropological Research.....	3
ANT 400^Seminar	3

Field School or Internship

Choose 3-6 credits:

ANT 380 Cross-Cultural Study	3
ANT 381 Seminar in Cross-Cultural.....	1
ANT 479 Archaeological Field School	3-6
ANT 492 Internship in Anthropology ..	3-6

World Areas

Choose one:

ANT/CAS 201 Canadian Culture and Society	3
ANT 221. Native Americans	3
ANT/CAS 222 Native Peoples of Canada	3
ANT/LAS 225 Contemporary Puerto Rican Culture and Society	3
ANT/LAS 240 Latinos in the United States	3
ANT/CAS 340 Canadian Health and Social Welfare	3

Concentrations

In consultation with their advisors, in their sophomore year, students will choose a concentration either in Cultural Anthropology or Archaeology.

CULTURAL ANTHROPOLOGY CONCENTRATION

Choose 15 credits from:

ANT 250 Economies and Cultures	3
ANT 300 Women and Work.....	3
ANT 337 Urban Anthropology	3
ANT 345 Transnational, Racial, and Ethnic Identity.....	3
ANT 358 Anthropology of Violence.....	3
ANT 364 Medical Anthropology.....	3
ANT 365 Topics in Anthropology.....	3

ARCHAEOLOGY

ANT 385 Archaeological Research Methods	3
Choose 12 credits from:	
ANT 210 World Archaeology	3
ANT 245 Death and Society	3
ANT 320 Archaeology Lab Methods	3
ANT 365 Topics in Anthropology.....	3
ANT/WST 370 Sex and Gender in the Ancient World	3

Students must choose a complementary minor course of study from the following:

Art History	Latin American and Caribbean Studies
Biology	Modern Languages
Criminology	Philosophy
Environmental Earth Science	Political Science
Geographic Information Systems	Public Health
Geography	Sociology
History	Women's Studies
<i>^meets Stage 2 University Writing Requirement</i>	<i>^^meets Stage 3 University Writing Requirement</i>

ART

Art and Art History Department
 Department Chair: Maeve Doyle
 Assistant Chair: Lora Lee

The mission of the Department of Art and Art History is to provide instruction and inspiration to a diverse group of students. Art history, digital art and media design, illustration, and traditional media studio arts come together in an exceptional facility which provides students with an understanding of technique, visual and written communication, and the role of critical and creative thinking in society. Students graduate with an understanding of aesthetic form, content, and research-based expression, as well as diverse cultural and contextual awareness in order to work in a professional environment that uses their skills for problem-solving and visual expression.

The Bachelor of Arts Degree in Art offers four concentrations of study: Art History, Digital Art & Media Design, Illustration, and Studio Art. Program graduates pursue advanced degrees or other courses of study, and/or become professional artists, graphic designers in print or new media, animators, digital artists, illustrators, painters, printmakers, sculptors, or professionals in art galleries and museums.

Admission to the Program

Students interested in an Art major work closely with a faculty advisor in the department. Students interested in the major should make that decision by the first semester of their second year. Students should start their program with the required arts foundation courses as early as possible. Transfer students should seek an advisor immediately to prepare a schedule of arts courses to fulfill degree requirements. Students interested in the Digital Art & Media Design, Illustration, and Studio Art concentrations are required to submit a portfolio after completing several of the foundation requirements.

Portfolios must be carefully prepared according to guidelines available on the Art and Art History website and at the department office. After portfolios are submitted and program admission is approved, students can enroll in upper-level digital art & media design, illustration, or studio courses, most of which require portfolio acceptance.

Major Requirements

The B.A. in Art consists of 44-55 credits, including foundation courses and credits in the chosen concentration, as well as a Capstone course. Grades of less than 2.0 (C) do not count toward the major.

ART HISTORY CONCENTRATION (44-46 CREDITS)

Required Foundation Courses (17 credits)

ART 111 Three-Dimensional Design.....	3
ART 124 Digital Imaging and Online Media.....	3
ART 202 Drawing I.....	3

ART 211 Introduction to Art History: Prehistory to 1400.....	4
ART 212 Introduction to Art History: 1400 to the Present.....	4
Required Concentration Courses (8 credits)	
ART 345^ Museums and Exhibitions.....	3

Choose one:

ART 401^^ Art History Topics	4
ART 402^^ Issues in Contemporary Art.....	4

Concentration Electives (15-17 credits)

Choose 5 courses with at least one from each of the following areas: Premodern and Early Modern Art (up to about 1600), Art in the Modern Age (since about 1600), and Cultural and Social Perspectives. Students may choose to apply up to one Interdisciplinary Elective to the concentration.

Premodern and Early Modern Art (up to about 1600): Choose at least 1

ART 225 Asian Art and Culture.....	3
ART 229 Medieval Art and Architecture.....	3
ART 313 Renaissance Art.....	3

Art in the Modern Age (since about 1600): Choose at least 1

ART 233^ Graphic Design History.....	4
ART 250 Photography and New Media as History	3
ART 360 American Art	3

Cultural and Social Perspectives: Choose at least 1

ART/LAS 224 Latin American Art Topics	3
ART 316 Art and Travel.....	3
ART/WST 355 Women, Gender, and Art.....	3
ART 369 African American Art	3
ART 371 Islamic Art and the Museum	3

Other Electives

ART 401^^ Art History Topics	4
ART 402^^ Issues in Contemporary Art.....	4
ART 480 Independent Study (when topically appropriate)	3
ART 490 Internship (when topically appropriate).....	1-6

Interdisciplinary Electives: may apply no more than 1

ANT 101 Introduction to Anthropology	3
ANT 125 Introduction to Archaeology.....	3
PHI 367 Philosophy of Art and Music	3
Any 3, credit HIS course at the 200 level or above 3	

Other courses in ANT, HIS, or PHI may be substituted in consultation with the Department Chair.

Major Capstone Course (4 credits)

ART 486 Senior Project in Art History.....	4
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DIGITAL ART & MEDIA DESIGN CONCENTRATION (52-53 CREDITS)

Required Foundation Courses (20 credits)

ART 110 Two-Dimensional Design Elements	3
ART 111 Three-Dimensional Design.....	3
ART 122 Digital Illustration and Page Layout.....	3
ART 124 Digital Imaging and Online Media.....	3
ART 211 Introduction to Art History: Prehistory to 1400.....	4

ART 212 Introduction to Art History: 1400 to the Present.....	4
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Required Writing Courses (8 credits)

As part of Eastern's Writing Across the Curriculum program, Art majors complete their University Writing Requirements with advanced Art History classes..Students can enroll in Stage 2 Writing Classes once they have taken either ENG 100 or ENG 100P and both ART 211 and ART 212. Four-year students should aim to take their Stage 2 class in their sophomore year and Stage 3 class in their junior year.

Stage 2 Writing (Choose one)

ART 233 Graphic Design History	4
ART 345 Museums and Exhibitions	4

Stage 3 Writing (Choose one):

ART 401 Art History Topics	4
ART 402 Issues in Contemporary Art	4

Portfolio Requirement

After completing ART 122, ART 124, and either ART 110 or ART 202, students are required to submit a portfolio demonstrating artistic capability for admission to upper-level courses. Portfolios must be carefully prepared according to guidelines available for download on the department website. After portfolios are submitted and program admission approved, students are eligible to enroll in upper-level art courses.

Required Design Courses (6 credits)

ART 203 Graphic Design I.....	3
ART 329 Graphic Design II.....	3

Concentration Electives (choose 5, 15-16 credits)

Students can pursue one or more specializations or can take electives without a specialization. See below for a full list of Concentration Electives. Optional Specialization

Animation

ART 323 Introduction to 3D Modeling.....	3
ART 325 2D Animation.....	3
ART 343 Introduction to 3D Animation.....	3
ART 403 Advanced 3D Animation	3

Digital Art

ART 202 Drawing I.....	3
ART 332 Photo Imaging: Art and the Digital Camera	3
ART 337 Virtual & Augmented Reality Design	3
ART 342 Digital Illustration	3

Graphic Design

ART 330 Packaging Design	3
ART 327 Magazine Design.....	3
ART 335 Graphic Design III.....	3
ART 432 Eastern Design Group (as elective)	3

Interactive Media Design

ART 213 Information Graphics	3
ART 310 Web Design I.....	3
ART 326 User Interface & Interaction Design	3
ART 351 Motion Graphic Design.....	3

Concentration Electives (full list)

ART 202 Drawing I.....	3
ART 213 Information Graphics	3
ART 310 Web Design I.....	3

ART 323 Introduction to 3D Modeling.....	3
ART 325 2D Animation.....	3
ART 326 User Interface & Interaction Design	3
ART 327 Magazine Design.....	3
ART 330 Packaging Design.....	3
ART 332 Photo Imaging: Art and the Digital Camera	3
ART 335 Graphic Design III.....	3
ART 337 Virtual & Augmented Reality Design	3
ART 342 Illustration II.....	3
ART 343 Introduction to 3D Animation.....	3
ART 351 Motion Graphic Design.....	3
ART 365 Special Topics in Art (when topically appropriate).....	3
ART 403 Advanced 3D Animation	3
ART 412 Web Design II.....	3
ART 421 Digital Portfolio Preparation.....	3
ART 422 Illustration III.....	3
ART 432 Design in the Real World	3
ART 470 Advanced Topics in Art (when topically appropriate).....	3
ART 480 Independent Study.....	3
ART 490 Internship	3
ART 351 Motion Graphic Design.....	3

(Students can choose up to 2 of the following)

CSC 202 Introduction to Programming and Machine Intelligence.....	3
CSC 311 Computer & Video Games Development.....	3
ENG 206 Digital Composition.....	3
MUS 372 Multimedia Composition	3
THE 345 Programming for Interactive Design.....	3

Major Capstone Course (3 credits)

Choose one:

ART 432 Design in the Real World	3
ART 436 Senior Project in Digital Art & Media Design	3

ILLUSTRATION CONCENTRATION (52 credits)

Required Foundation Courses

ART 110 Two-Dimensional Design.....	3
ART 111 Three-Dimensional Design.....	3
ART 122 Digital Illustration and Page Layout.....	3
ART 124 Digital Imaging & Online Media.....	3
ART 211 Introduction to Art History: Prehistory to 1400.....	4
ART 212 Introduction to Art History: 1400 to the Present.....	4

Required Writing Courses (8 credits)

As part of Eastern's Writing Across the Curriculum program, Art majors complete their University Writing Requirements with advanced Art History classes. Students can enroll in Stage 2 Writing Classes once they have taken either ENG 100 or ENG 100P and both ART 211 and ART 212. Students should aim to take their Stage 2 class in their sophomore year and the Stage 3 class in their junior year.

Stage 2 Writing (choose one):

ART 233 Graphic Design History	4
ART 345 Museums and Exhibitions	4
Stage 3 Writing (choose one):	
ART 401 Art History Topics	4
ART 402 Issues in Contemporary Art	4

Portfolio Requirement

After completing ART 122, ART 124, ART 202, and either ART 110 or ART 111, students are required to submit a portfolio demonstrating artistic capability for admission to upper-level courses. Portfolios must be carefully prepared according to guidelines available for download on the department website. After portfolios are submitted and program admission approved, students are eligible to enroll in upper-level art courses.

Required Illustration Courses (12 credits)

ART 202 Drawing I	3
ART 309 Figure Drawing I	3
ART 322 Traditional Illustration	3
ART 342 Digital Illustration	3

Concentration Electives (9 credits)

Choose three:

ART 205 Water Media	3
ART 214 Fashion Design & Illustration	3
ART 215 Painting I	3
ART 230 Visual Journaling and Bookmaking	3
ART 308 Painting II	3
ART 315 Figure Modeling	3
ART 323 Introduction to 3D Modeling	3
ART 331 Picture Book Illustration	3
ART 332 Photo Imaging: Art and the Digital Camera	3
ART 346 Scientific Illustration	3
ART 352 Intermediate Drawing	3
ART 421 Digital Portfolio Preparation	3
ART 470 Advanced Topics in Art (when topically appropriate)	3
ART 480 Independent Study	3
ART 490 Internship	3

Major Capstone Course (3 credits)

ART 422 Senior Project in Illustration	3
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STUDIO ART CONCENTRATION (55 CREDITS)

Required Foundation Courses

ART 110 Two-Dimensional Design	3
ART 111 Three-Dimensional Design	3
ART 124 Digital Imaging and Online Media	3
ART 202 Drawing I	3
ART 211 Introduction to Art History: Prehistory to 1400	4
ART 212 Introduction to Art History: 1400 to the Present	4

Required Writing Courses (8 credits)

As part of Eastern's Writing Across the Curriculum program, Art majors complete their University Writing Requirements with advanced Art History classes. Students can enroll in Stage 2 Writing Classes once they have taken either ENG 100 or ENG 100P and both ART 211 and ART 212. Students should aim to take their Stage 2 class in their sophomore year and the Stage 3 class in their junior year.

Stage 2 Writing (choose one):

ART 233 Graphic Design History	4
ART 345 Museums and Exhibitions	4

Stage 3 Writing (choose one):

ART 401 Art History Topics	4
ART 402 Issues in Contemporary Art	4

Portfolio Requirement

After completing ART 122, ART 124, ART 202, and either ART 110 or ART 111, students are required to submit a portfolio demonstrating artistic capability for admission to upper-level courses. Portfolios must be carefully prepared according to guidelines available for download on the department website. After portfolios are submitted and program admission approved, students are eligible to enroll in upper-level art courses.

Electives (18 credits)

Students take 1 class in each category (total 9 credits) and at least 2 further classes (6 credits) in one category as a focus area. The remaining 1 class (3 credits) can be in any category.

Painting & Drawing

ART 205 Water Media	3
ART 215 Painting I	3
ART 308 Painting II	3
ART 309 Figure Drawing I	3
ART 339 Experimental Mixed Media Painting	3
ART 352 Intermediate Drawing	3
ART 480 Independent Study (when topically appropriate)	3

Printmaking

ART 201 Relief Printmaking I	3
ART 230 Visual Journals & Bookmaking	3
ART 311 Relief Printmaking II	3
ART 317 Polyester plate Lithography	3
ART 318 Intaglio Printmaking I	3
ART 320 Water Based Screen Printing I	3
ART 480 Independent Study (when topically appropriate)	3

Sculpture

ART 206 Sculpture I	3
ART 207 Ceramic Sculpture	3
ART 217 Ceramics	3
ART 304 Sculpture II	3
ART 315 Figure Modeling	3
ART 353 Installation Art	3
ART 480 Independent Study (when topically appropriate)	3

Discipline Mastery (6 credits)

ART 470 Advanced Topics in Art	3
ART 475 Senior Seminar in Studio Art I	3

Major Capstone Course (3 credits)

ART 485 Senior Seminar in Studio Art II3

^meets Stage 2 University Writing Requirement ^^meets Stage 3 University Writing Requirement

Recommended Course Sequence

First Year

LAC 100/101 LAC seminar and Intro to the LAC4

ENG 100 College Writing.....3

ART 124 Digital Imaging and Online Media.....3

ART 211 Introduction to Art History: Prehistory to 1400.....4

ART 212 Introduction to Art History: 1400 to the Present.....4

MAT XXX Mathematics Above Algebra II3

Two Art Foundation Courses6

Digital Art and Illustration Concentrations must take ART 122

Two ELAC Courses.....6

Total for Year 30 credits

Second Year

Art Foundation Courses and/or Concentration Courses.....6

Writing Stage 2 – ART 233 or 345.....4

Two ELAC Courses.....6

Three Concentration Courses9

Two ELAC Courses.....6

Total for Year 31 credits

Third Year

Writing Stage 3 – ART 401 or ART 402.....4

One ELAC Course.....3

Five Concentration Electives15

Two Elective6

Total for Year 28 credits

Fourth Year

Five Concentration Elective.....15

Four Electives12

Senior Capstone Course.....3-4

Total for Year 30-31 credits

BIOCHEMISTRY

Physical Sciences Department

Department Chair: John Toedt

Assistant Chair: Darrell Koza

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 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. This major provides excellent preparation for advanced study in graduate or professional schools, as all courses required for enrollment into professional schools, such as medical and dental school, are recommended or required for completion of the Biochemistry major.

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 non-science-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

Degree Requirements

Core Science and Math Courses

CHE 210 General Chemistry I.....	3
CHE 212 General Chemistry I Lab	1
CHE 211 General Chemistry II.....	3
CHE 213 General Chemistry II Lab.....	1
CHE 216 Organic Chemistry I with Lab.....	4
CHE 217 Organic Chemistry II with Lab	4
BIO 120 Organismal Biology with Lab.....	4
BIO 140 Cell Structure and Function with Lab	4
BIO 230 Genetics with Lab.....	4
PHY 204 General Physics I with Lab.....	4
PHY 205 Physics II with Lab	4
MAT 244 Calculus II with Technology.....	4

Advanced Scientific Courses

CHE 316 Biochemistry I.....	3
CHE 317 Biochemistry I Lab.....	1
CHE 318 Biochemistry II.....	3

CHE 319 Biochemistry II Lab	1
CHE 323 Physical Biochemistry	3
CHE 410 Physical Biochemistry Techniques	3
CHE 425^^ Chemical Instrumentation with Lab	4
<i>^^meets Stage 3 University Writing Requirement</i>	

Recommended Course Sequence

Check all course descriptions for prerequisites before planning your course schedule.

First Year

CHE 210 General Chemistry I	3
CHE 212 General Chemistry I Lab	1
CHE 211 General Chemistry II	3
CHE 213 General Chemistry II Lab	1
BIO 120 Organismal Biology with Lab	4
BIO 140 Cell Structure and Function with Lab	4
ENG 100 College Writing I (LACW)	3
LAC 100/101 Liberal Arts Seminar and Introduction to the LAC	4
MAT 130 Pre-Calculus Mathematics (LACM)	4
Total for Year	27 credits

Second Year

CHE 216 Organic Chemistry with Lab	4
CHE 217 Organic Chemistry II with Lab	4
BIO 240 Ecology with Lab	4
BIO 230 Genetics with Lab	4
MAT 243 Calculus I with Technology	4
MAT 244 Calculus II with Technology	4
LAC 200 Liberal Arts Seminar	3
ELAC Disciplinary Perspectives Course	3
Total for Year	30 credits

Third Year

CHE 316 Biochemistry I Lecture	3
CHE 317 Biochemistry I Lab	1
CHE 318 Biochemistry II Lecture	3
CHE 319 Biochemistry II Lab	1
300-400 Two Electives with Lab	8
ELAC Courses	6
PHY 204 General Physics I with Lab	4
PHY 205 Physics II with Lab	4
Total for Year	30 credits

Fourth Year

CHE 323 Physical Biochemistry	3
CHE 425 Chemical Instrumentation with Lab	4
CHE 410 Physical Biochemistry Techniques	3
CHE 450 The Biochemistry Profession	3
300-400 Two Electives with Lab	8
ELAC Courses	12

BIOLOGY

Biology Department
Department Chair: Joshua Idjadi
Assistant Chair: W. Brett Mattingly

Objectives

The Biology major program is designed to enable students to learn the basic principles that govern living processes at all levels of biological organization and 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 enables 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 coursework, students are expected 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	Developmental Biology	Molecular Genetics
Biochemistry	Ecosystems Ecology	Neurobiology
Biogeography	Endocrinology	Plant-Animal Interactions
Biostatistics	Entomology	Plant Ecology
Biotechnology	Evolutionary Ecology	Plant Physiology
Cancer Biology	Invasive Species	Systematics
Cell Biology	Marine Biology	Virology
Conservation Biology	Microbiology	

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 in private industry or with government agencies.

Admission to the Program

The best secondary school preparation for a major in Biology is a 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.

The following requirements apply to students pursuing a Biology major, Biology minor, or an Individualized Major when Biology is the primary concentration. The requirements apply to students following either a B.S. or a B.A. degree. BIO 120, BIO 140, BIO 230, and BIO 240 are prerequisites for all upper-level biology major courses, except BIO 378, which may be taken after completion of BIO 120, BIO 140, and Foundational Math (LACM). Each of the four courses must be completed with a final grade of C- or better. Only after passing each of the above courses at the required level of proficiency may students enroll in upper-level Biology major courses.

Students who fail to achieve at least a C- in any of the above courses may register again for the same course only by permission of the department chair. If the department chair is the course instructor, then a senior tenured professor will determine whether permission is granted. The senior tenured instructor will be chosen by order of seniority and cannot be involved with the instruction of the course in question.

Writing Requirements

All biology majors must complete the department's Stage 2 and Stage 3 Writing requirements. BIO 120, 140, 230, and 240 are all writing-intensive courses, and students receive a writing grade upon completion of each of these courses. After completing all four courses, a student's cumulative writing grade will be assessed, and he/she will be informed if they have earned credit for the Stage 2 Writing requirement. Transfer students entering as sophomores will be judged on their writing in BIO 230 and 240. If a student does not earn credit for Stage 2 Writing in the core courses, additional writing assignments will be required in every upper-level course that he/she/they takes until the department is satisfied they have met the required standard. A student may not sign up for Senior Seminar until they have satisfied the Intermediate Writing requirement. The Stage 3 Writing requirement is met

by passing Senior Seminar or having an Honors Thesis approved.

Degree Requirements

To graduate with a degree in Biology, students must have a minimum 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. Biology majors must take the Biology comprehensive exam given in selected Biology classes. Students planning to enter graduate and professional schools should enroll in the B.S. program.

Common Biology Core (B.A and B.S)

To be completed by the end of the sophomore year.

BIO 120 Organismal Biology with Lab.....	4
BIO 140 Cell Structure and Function with Lab	4
BIO 230 Genetics with Lab.....	4
BIO 240 Ecology with Lab	4

Both BIO 120 and BIO 140 must be successfully completed with a grade of C- or better prior to starting BIO 230 or BIO 240. Both BIO 230 and BIO 240 must be successfully completed with a grade of C- or better before starting on the required upper-level courses. Students attempting to repeat any of the four courses must follow the repeat policy described above.

Upper Level Requirements

24 credit hours of 300-level and/or 400-level courses must be selected from the following list and must include at least one course from each of the three following categories:

Cellular/Molecular

BIO 330 Cell Biology	4
BIO 365 Special Topics in Biology (when topically appropriate).....	4
BIO 420 Microscopy with Laboratory.....	4
BIO 422 Research Methods in Molecular Biology with Laboratory	4
BIO 424 Biological Chemistry.....	4
BIO 426 Biology of Cancer with Lab.....	4
BIO 428 Virology with Laboratory	4
BIO 430 Endocrinology with Laboratory	4
BIO 432 Histology with Laboratory	4
BIO 434 Developmental Biology with Laboratory.....	4
BIO 436 Molecular Genetics with Laboratory	4
BIO 438 Plant Physiology with Laboratory.....	4
BIO 450 Biotechnology with Laboratory.....	4
BIO 458 Stem Cells and Regenerative Medicine.....	4
BIO 460 Medical Genetics with Laboratory.....	4
BIO 462 Immunology with Lab	4
BIO 378 Biological Research & Data Analysis with Lab.....	4

Organismal

BIO 324 Entomology with Laboratory	4
BIO 332 Biology of Plants with Laboratory	4
BIO 334 General Microbiology with Laboratory	4
BIO 336 Invertebrate Biology with Laboratory	4
BIO 338 Vertebrate Biology with Laboratory	4
BIO 340 Parasitology with Laboratory	4
BIO 344 General Mycology with Laboratory.....	4
BIO 346 Animal Behavior with Laboratory	4

BIO 348 Functional Human Anatomy with Laboratory.....	4
BIO 350 Human Physiology with Laboratory	4
BIO 365 Special Topics in Biology (when topically appropriate).....	4
BIO 448 Physiological Ecology with Laboratory.....	4
BIO 378 Biological Research & Data Analysis with Lab.....	4

Population Biology and Ecology

BIO 319/320 Oceanic Island Ecology and Tropical Biology	4
BIO 342 Herpetology with Lab	4
BIO 358 Desert Ecology & Biogeography	4
BIO 360/320 Tropical Ecosystems and Tropical Biology.....	4
BIO 365 Special Topics in Biology (when topically appropriate).....	4
BIO 440 Aquatic Biology with Laboratory	4
BIO 442 Plant Ecology with Laboratory	4
BIO 444 Population and Community Ecology with Laboratory.....	4
BIO 452 Conservation Biology with Lab.....	4
BIO 454 Biological Invasions with Lab.....	4
BIO 456 Marine Ecology with Lab	4
BIO 378 Biological Research & Data Analysis with Lab.....	4

Senior Seminar

Choose one:

BIO 466 Senior Seminar	4
HON 488 Honors Thesis	4

Related Fields

Biology majors must also complete the following:

Bachelor of Science (B.S.)

CHE 210 General Chemistry I.....	3
CHE 212 General Chemistry II.....	3
CHE 211 General Chemistry I Lab	1
CHE 213 General Chemistry II Lab.....	1
CHE 216 Organic Chemistry I with Lab.....	4
MAT 243 Calculus I with Technology	4

Choose one:

MAT 244 Calculus II with Technology.....	4
MAT 216 Statistical Data Analysis.....	3

Choose one:

PHY 204 General Physics I with Lab.....	4
PHY 205 General Physics II with Lab	4
PHY 208 Physics with Calculus I with Lab	4
PHY 209 Physics with Calculus II with Lab.....	4

Bachelor of Arts (B.A.)

CHE 210 General Chemistry I.....	3
CHE 212 General Chemistry II.....	3
CHE 211 General Chemistry I Lab	1
CHE 213 General Chemistry II Lab.....	1
MAT 216 Statistical Data Analysis	3

Choose one:.....	4
EES 104/112 Dynamic Earth and Earth Science Lab	4
EES 110/112 Introduction to Geology with Earth Science Lab	4
Choose one:	
PHY 204 General Physics I with Lab	4
PHY 205 Physics II with Lab.....	4
<i>^meets Stage 2 University Writing Requirement ^^meets Stage 3 University Writing Requirement</i>	

Recommended Course Sequence Biology Major (B.S)

Check all course descriptions for prerequisites before planning your course schedule.

First Year

BIO 120 Organismal Biology with Lab.....	4
BIO 140 Cell Structure and Function with Lab.....	4
CHE 210 General Chemistry I.....	3
CHE 212 General Chemistry I Lab	1
CHE 211 General Chemistry II.....	3
CHE 213 General Chemistry II Lab.....	1
ENG 100/P College Writing/Plus.....	3-5
MAT 155 Precalculus Mathematics	4
MAT 243 Calculus I with Technology	4
Electives/Minor	8
Total for Year	35-37 credits

Second Year

BIO 230 Genetics with Lab.....	4
BIO 240 Ecology with Lab	4
CHE 216 Organic Chemistry I with Lab.....	4
MAT 216 Statistical Data Analysis	3
Electives/Minor	2-13
Total for Year	27-28 credits

Third Year

BIO 300/400 Three Upper-level BIO w/Lab	12
PHY 204 or 205 PHY I or II w/Lab	4
Electives/Minor	8-9
Total for Year	30-31 credits

Fourth Year

BIO 300/400 Three Upper-level BIO w/Lab	12
BIO 466 Senior Seminar	3
Electives/Minor	14-15
Total for Year	29 -33 credits

Recommended Course Sequence Biology Major (B.A)

Check all course descriptions for prerequisites before planning your course schedule.

First Year

BIO 120 Organismal Biology with Lab.....	4
BIO 140 Cell Structure and Function w. Lab.....	4
CHE 210 General Chemistry I.....	3

CHE 212 General Chemistry I Lab	1
CHE 211 General Chemistry II.....	3
CHE 213 General Chemistry II Lab.....	1
ENG 100/P College Writing/Plus.....	3-5
Electives/Minor	11
Total for Year	30-32 credits

Second Year

BIO 230 Genetics with Lab.....	4
BIO 240 Ecology with Lab	4
CHE 216 Organic Chemistry I with La.....	4
Choose one:	
EES 104/112 Dynamic Earth and Earth Science Lab	4
EES 110/112 Introduction to Geology with Earth Science Lab	4
Electives/Minor	15
Total for Year	31 credits

Third Year

BIO 300/400 Three Upper-level BIO w/Lab	12
PHY 204 or 205 PHY I or II w/Lab	4
Electives/Minor	14-15
Total for Year	30-31 credits

Fourth Year

BIO 300/400 Three Upper-level BIO w/Lab	12
BIO 466 Senior Seminar	3
Electives/Minor	14-16
Total for Year	29-33 credits

Secondary Education Certification

Biology majors seeking Certification in Secondary Education must fulfill all biology major course 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's Accelerated Career Entry (ACE) into Nursing Program or UConn's Certificate Entry into Nursing B.S. Program (CEIN/BS). Effective with the class entering fall 2015, qualified students who complete designated pre-pharmacy requirements at Eastern, will be eligible for application into the Pharm.D. program at UConn's School of Pharmacy.

Interested students should meet with the Biology Department's Preprofessional Advising Committee (PAC) to consider and set a curriculum. Students are encouraged to attend any enhancement and/or preparatory programs offered by the department or the university. During their junior and senior years, students should spend time preparing for entrance examinations (MCAT, DAT, etc.). Students should volunteer or intern at appropriate institutions during semester and summer breaks. In addition, qualified preprofessional students are encouraged to participate in an independent study project with Eastern faculty. 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 careers in biotechnology firms, 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 coursework can be recommended. Students should be well prepared not only in biology, but in chemistry, physics, and mathematics.

Internships and Independent Study

Students interested in independent study (BIO 180, 280, 380, 480), teaching assistantships (BIO 490, 491) or internships (BIO 494) should consult with their advisor concerning the requirements and opportunities for such courses..Students who participate in biology internship programs are typically juniors or seniors, have at least a “B” average in their major (including chemistry, physics and mathematics) and complete an application through their biology advisor. These internships are designed to give students one or two semesters of practical work experience in an area of biology, which most closely relates to their vocational goals. The University awards 3-15 credits per semester for each study program. The number of available positions is limited, and placement is highly competitive. There is no guarantee that students will be placed.

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 a ~ 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 209 Nutrition and Public Health
 BIO 228 Introduction to Public Health
 BIO 301 Microbes and Your Health~
 BIO 304 Genetics and Society~
 BIO 305 The Animal World

BUSINESS ADMINISTRATION

Business Administration Department
 Department Chair: Emiliano Villanueva
 Assistant Chair: Mihyun Kang

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 Business Administration Department’s foundational and advanced course requirements. Students successfully completing the program will be well prepared to assume careers in today’s competitive business environment, start their own business or attend graduate school.

Students majoring in Business Administration will be well grounded in the liberal arts, so they may develop their critical thinking, quantitative literacy, ethical reasoning, communication, and creativity skills through the study of core business functions and the fundamental concepts and processes relevant to business. Eastern students will develop both a conceptual and pragmatic understanding of how businesses operate and will experience the opportunity to practically apply their liberal education through an internship. Business Administration majors will pick advanced disciplinary courses to earn a concentration in one of the following fields: Management, Marketing, or International Business, or Sport Management.

Admission to the Program

Students can apply for admission to the Business Administration program at any time.

A Business Administration major whose cumulative GPA falls below 2.7 for two consecutive semesters will be dismissed from the major.

All Business Administration majors are required to take BUS 301 and have senior standing before being admitted to the capstone course Strategic Management (BUS 431). BUS 431 is open only to seniors.

Degree Requirements

Requirements for the Business Administration major include completion of all University LAC requirements, and completion of all Business Administration requirements, including completion of at least one concentration and all necessary electives. A minimum of 24 semester hours in the Business Administration major must be completed in residence at Eastern.

Required Foundational Courses (21 credits)

ECO 200 Introductory Macroeconomics	3
ECO 201 Introductory Microeconomics	3
MAT 216 Statistical Data Analysis	3
ACC 201 Principles of Accounting I.....	3
BIS 205 Management of Business Information.....	3

FIN 245 Business Finance.....	3
OSC 260 Operations Management	3
Required Core and Advanced Courses (18 credits)	
BUS 201 Principles of Management.....	3
BUS 225 Principles of Marketing.....	3
BUS 301^ Business Ethics	3
BUS 351 Entrepreneurship.....	3
BUS 431^^ Strategic Management.....	3
BUS 490 Internship in Business Administration.....	3-6

ELECTIVE COURSES: MANAGEMENT CONCENTRATION (15 CREDITS)

BUS 331 Organizational Behavior	3
BUS 333 Human Resource Management.....	3
BUS 450 International Business	3
Choose 6 credits/2 courses:	
BUS 250 Business Law I	3
BUS 332 Management of Organizations.....	3
BUS 342 Leadership	3
BUS 350 Healthcare Management.....	3
BUS 410 Research Methods in Management.....	3
BUS 464 Seminar in Management	3

ELECTIVE COURSES: MARKETING CONCENTRATION (15 CREDITS)

BUS 428 Marketing Research	3
Choose 12 credits/4 courses:	
BUS 255 Health Communication and Social Marketing	3
BUS 321 Advertising.....	3
BUS 325 Consumer Behavior	3
BUS 326 Sales Management	3
BUS 327 Digital Marketing	3
BUS 329 International Marketing.....	3
BUS 343 Sport Marketing.....	3
BUS 427 Digital Marketing Analytics	3
BUS 429 Integrated Marketing Communication	3
BUS 465 Seminar in Marketing	3

ELECTIVE COURSES: INTERNATIONAL BUSINESS CONCENTRATION (15 CREDITS)

BUS 307 Globalization: Evolution and Impact.....	3
BUS 450 International Business	3
Choose 9 credits/3 courses:	
BUS 329 International Marketing.....	3
BUS 342 Leadership	3
OSC 362 Global Operations and Logistics	3
BUS 410 Research Methods in Management.....	3
BUS 436 Global Human Resource Management.....	3
FIN 437 International Financial Management	3

BUS 463 Seminar in International Business.....	3
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ELECTIVE COURSES: SPORT MANAGEMENT CONCENTRATION (15 CREDITS)

BUS 240 Introduction to Sport Management	3
BUS 340 Facility Design in Sport Management.....	3
BUS 342 Leadership	3
BUS 411 Sports in American Society.....	3

Choose 3 credits/1 course:

BUS 250 Business Law I	3
BUS 326 Sales Management	3
BUS 343 Sport Marketing.....	3
BUS 410 Research Methods in Management.....	3
BUS 461 Seminar in Sport Management.....	3
ECO 331 Economics of Sport.....	3

^meets Stage 2 University Writing Requirement ^^meets Stage 3 University Writing Requirement

BUSINESS INFORMATION SYSTEMS

Accounting and Business Information Systems Department
Department Chair: K. Niki Kunene

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 technologies. 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, business and 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 information technologies. The underlying objective is to provide a basis for lifelong learning in a diverse world of social and technological change.

The BIS program prepares students for a range of 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 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 will 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 60 credits is required in the major, consisting of three categories of common BIS core requirements and nine credits of BIS 300-level or higher electives. A minimum of 24 semester hours of the BIS program must be completed in residence at Eastern.

Related Course Requirements

ECO 201 Introductory Microeconomics	3
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Choose one:.....3

OR

MAT 216 Statistical Data Analysis	3
ECO 215 Statistics for Business and Economics	3

Choose one:

CSC 180 Fundamentals of Computing.....	3
CSC 202 Introduction to Programming and Machine Intelligence.....	3
CSC 210 Computer Science and Programming I	3

Business Component

ACC 201 Principles of Accounting I.....	3
BUS 201 Principles of Management.....	3
BIS 205 Information Management.....	3
BUS 225 Principles of Marketing.....	3
FIN 245 Business Finance.....	3
OSC 260 Operations Management	3

Systems Component

Choose one:.....	3
CSC 249 Visual BASIC. NET.....	3
OR	
CSC 251 Networking Fundamentals.....	3
BIS/BUS 361 Business Information Systems	3
BIS 370 Systems Analysis and Design	3
BIS 373 Database Management.....	3
BIS 375 Electronic Commerce	3
BIS 430 Enterprise Resource Planning and E-Business.....	3
BIS 461 Seminar on Information Systems and Business Strategies	3
BIS 490 Internship in Business in Information Systems	3

Advanced Electives

Choose nine credits:

ACC/BIS 420 Accounting Information Technology and Business Solutions	3
BIS 305 Business Analytics.....	3
BIS 340 Business Data Communications and E-Networks	3
BIS 362 Healthcare Informatics	3
BIS 364 Introduction to Social Informatics	3
BIS 365 Emerging Technologies and Business Applications	3
BIS 367 Human Computer Interaction and Design.....	3
BIS 368 Interorganizational Healthcare Information Systems	3
BIS 437 Rapid Information Technology Development Management	3
BIS 442 Information Technology Project Management	3
BIS 447 Business Intelligence and Data Solutions.....	3
BIS 480 Independent Study	3

Recommended Course Sequence Business Information Systems Major

Check all course descriptions for prerequisites before planning your course schedule.

First Year

ENG 100/P College Writing/Plus.....	3
MAT XXX Foundational Mathematics course	3-5
CSC 180/202/210 CSC Introduction Courses	3
Liberal Arts Core Courses	21
Total for Year	30 credits

Second Year

ACC 201 Principles of Accounting I.....	3
BUS 201 Principles of Management.....	3
BIS 205 Information Management.....	3
BUS 225 Principles of Marketing.....	3

ECO 201 Introductory Microeconomics	3
Choose one:	
MAT 216 Statistical Data Analysis	3
ECO 215 Statistics for Business and Economics	3
Liberal Arts Core Courses	10
Electives	2
Total for Year	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
FIN 245 Business Finance	3
BUS 260 Operations Management	3
CSC 249 Visual BASIC	3
BIS 373 Business Database Management	3
Electives	9
Total for Year	30 credits
Fourth Year	
BIS 430 Enterprise Resource Planning and E-Business	3
BIS 461 Seminar on Information Systems and Business Strategies	3
BIS 490 Internship in Business Information Systems	3
Business Electives	6
General Electives	15
Total for Year	30 credits

COMMUNICATION, FILM AND THEATRE

Communication, Film and Theatre Department
Department Chair: Alycia Bright-Holland
Assistant Chair: Andrew Utterback

Objectives

The Communication, Film and Theatre Program prepares students for careers in the ever-evolving landscape of media and performance. The curriculum combines theoretical and practical applications of creative media and broadcast communication, storytelling, and the performing arts, ranging from live theatre to digital and emerging media platforms. Students select one of four concentrations in which they apply theory to practice and develop aptitude and skills through multiple experiential learning opportunities focused on critical, collaborative, and creative problem-solving. Courses across the CFT curriculum, from core and concentration requirements to electives and practical experiences and internships, prepare students for post-graduate study or professional careers. Faculty mentorship also fosters students' understanding of cultural and global complexities, and the responsibility of media and performance content creators to sustain and promote a just and equitable society.

The Communication, Film, and Theatre major is comprised of 42 credits..Students take a Core curriculum of 18 credits and any additional 24 credits in one of four concentrations: (1) Design, Technology, and Performance Media, (2) Filmmaking and Video Production, (3) Multimedia Journalism: News & Sports, and (4) Performance: Acting, Choreography, and Playwriting.

Core Curriculum (18 credits)

CFT 100 Performance Media Collaborations	3
CFT 101 Entertainment Industry Employability	1
Choose one:	
THE 265 World Performance & Culture	4
CFT 205 Media Writing	4

Choose one:

COM 230 Public Speaking.....	3
THE 174 The Actor's Voice.....	3
COM/FLM 220 Video & Film Production.....	3
CFT 401 Career Preparation	1

Choose one capstone:

THE 474 Experimental Theatre	3
FLM 440 Film & Video for Clients.....	3
FLM 441 ECSU Film Project.....	3

Design, Technology, and Performance Media Concentration (24 credits)

Foundational3 credits

THE 176 Fundamentals of Theatre Design.....	3
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Disciplinary Pathway3 credits

Choose one:

THE 275 Technical Theatre	3
THE 278 Introduction to Costume Technology.....	3

Practica3 credits

Choose from:

THE 225 Set Construction	1
THE 226 Costume Construction	1
THE 227Design/Technical Practicum	0.5-3
OR	
THE 392 Theater Practicum	0.5-3

Stage 3 WI3 credits

Choose one:

THE 351 Adaptation/Media/ Performance	3
THE 364 Performance in America	3

Electives (Choose 4)..... 12 credits

THE 276 Scenic Design	3
THE 277 Drawing in Digital 3D	3
THE 279 Costume History	3
THE 280 Theatre Lighting Design & Technology	3
THE 281 Theatre Sound Design & Technology	3
THE 282 Scene Painting.....	3
THE 283 Sound Art	3
THE 285 Projection Technology & Design	3
THE 288 Stage Makeup.....	3
THE 345 Programming for Interactive Design	3
THE/FLM 355 Art Direction for Film.....	3
THE 366 Stage Management.....	3
THE 368 Surface Design on Fabric	3
THE 378 Costume Design.....	3
THE 379 Pattern Making.....	3
THE 385 Intermedial Performance Design 2.....	3

THE 476 Theatre on Tour: Prague Quadrennial.....	3
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Film and Video Production Concentration (25 credits)

Foundational

COM 120 TV News and Sports: Live Studio and Field Production.....	3
COM 245 Digital Audio Production: Radio to Podcasting.....	3
COM 435 Documentary Production	3
COM 357 Scriptwriting.....	3
COM 380 Dramatic Video and Film Production	4
FLM 230 Video and Film Editing.....	3

Practica 3 credits

Choose one:

COM 490 Internship	3
COM 410 Communication and Media Careers	3

Stage 3 WI..... 3 credits

Choose one:

THE 351 Adaptation/Media/Performance	3
CFT 305 Media Law and Ethics	3

Multimedia Journalism: News and Sports Concentration (24 credits)

Required Courses

COM 120 TV News and Sports: Live Studio Field Production	3
COM 210 Photojournalism	3
COM 245 Applied Audio Production: Content Creation.....	3
COM 285 Sports Video: Storytelling & Content Creation	3
COM 352 Emergent Media Reporting.....	3
COM 425 TV News & Sports Packaging the Multi-Media Journalist:	3

Practica..... 3 credits

Choose one:

COM 490 Internship	3
COM 410 Communication and Media Careers	3

Stage 3 WI..... 3 credits

CFT 305 Media Law and Ethics	3
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Performance: Acting, Choreography, and Playwriting Concentration (24 credits)

Foundational

THE 171 Improvisation and Physical Theatre.....	3
THE 172 Acting I for Majors.....	3
THE 299 Diversity in Performance	3

Practica..... 3 credits

THE 227 Design/Technology Practicum (at least 1 credit)

THE 228 Performance Practicum 3

Stage 3 WI..... 3 credits

Choose one:

THE 351 Adaptation/Media/Performance	3
THE 364 Performance in America	3

Electives (Choose 3)	9 credits
DNC 240/241 West African Dance I/II	3
DNC 251 Ballet	3
DNC 253/254 Modern Dance I/II	3
THE 174 The Actor's Voice	3
THE 269 Asian Theatre	3
THE 270 Directing I	3
THE 271 Directing II	3
THE 273 Acting II	3
THE 308 Playwriting	3
THE 372 Acting III: Period Styles	3
THE 377 Advanced Movement for Actors	3
THE 393 Stage Combat	3
THE 471 On-Camera Acting	3
THE 472 Auditioning for Stage & Screen	3

COMPUTER SCIENCE

Computer Science Department
Department Chair: Garrett Dancik

Computer science education at Eastern Connecticut State University emphasizes the techniques and skills for computing in practice. The B.S. degree is broadened by covering fundamental principles of mathematics and the engineering sciences, while the B.A. degree is broadened by substantial opportunities for elective courses in the arts, business, sciences and 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 will prepare students for careers in computing, and is also increasingly viewed as an excellent preparation for careers in business, engineering, law, and medicine. Through the selection of electives, the B.S. degree allows students to create specialized tracks within computer science. The B.A. degree allows students to create interdisciplinary tracks with a computer science foundation. The goals of the computer science program are deeply rooted in liberal education as well as professional experience. The objectives of the program reflect this overall approach.

Program Objectives

The Computer Science degree program at Eastern Connecticut State University provides students, the foundations and skills for future work and careers in computing. The curriculum prepares students to continue acquiring new knowledge and skills, further their study and advance in a fast-changing world. We accomplish these goals by placing our computer science program in the context of the liberal arts core curriculum.

Upon graduation, students will:

- Possess practical and theoretical knowledge of computer science sufficient to work professionally and contribute to the regional and global economic development.
- Be able to apply computational techniques to design and implement solutions to real-world problems.
- Be prepared for advanced education in computer science and continued professional development.
- Possess the skills and the intellectual abilities that will enable them to adapt in the ever-changing field of computer science.

Program Learning Outcomes

- Acquire the fundamental computing knowledge and skills recommended by the Association for Computing Machinery (ACM) and the IEEE Computer Society for undergraduate computer science programs.
- Analyze a problem and identify and define the requirements appropriate for computer-based solution.
- Apply computing principles to design, implement, and evaluate a computer-based solution to meet a given set of requirements for a specific problem.
- Think and explain computer-based solutions at multiple levels of abstraction.
- Communicate effectively to others about technical information in computing and computational solutions.
- Apply relevant legal and ethical principles to make informed judgements and decisions in computing practice.

Degree Requirements

Computer Science majors may choose between a B.A. and a B.S. degree. The requirements for the B.A. degree are 46 credits and the requirements for the B.S. degree are 59 credits. Both majors have a common core set of courses and must satisfy Section I below. Courses specific to the B.A. degree are listed in Section II and those specific to the B.S. degree are listed in Section III. Minimum grade criteria must be met for both degrees. For CSC 210, 231, and 270 Computer Science courses, a minimum grade

of C in each course is required. In 300- or 400-level Computer Science courses, either a minimum grade of C in each course or a minimum average GPA of 2.3 must be earned in these courses.

The structure of the Computer Science B.A. and B.S. degrees is shown in Table 1. Table 1.

Structure of Computer Science B.A. and B.S. degree programs

	BA (46 credits)	BS (59 credits)
Computer Science Foundation Courses	Select One (3 Cr) CSC 101 Intro to Computer Science (3 Cr) CSC 180 Fundamentals of Computing (3 Cr)	CSC 180 Fundamentals of Computing (3 Cr)
	CSC 230 Discrete Math for Computer Science (3 Cr) or MAT 230: Discrete Structures (3 Cr)	
Mathematical Foundation Courses	Select One (4-5 Cr): MAT 155/155P Precalc Mathematics (Plus) MAT 195 Calc for BUS, DSC, & ECO MAT 243 Calculus I with Technology	MAT 243 Calculus I with Technology (4 Cr) MAT 244 Calculus II with Technology (4 Cr)
Coding /Software Development	CSC 210 Computer Science & Programming I (3 Cr) CSC 231 Computer Science & Programming II (3 Cr) CSC 270 Data Structures (3 Cr) CSC 445 Software Engineering (3 Cr)	
Database Course	CSC 341 Database and Info Management (3 Cr)	
Capstone Course	CSC 450 Senior Research (3 Cr)	
Additional Courses	<u>CSC Principles (Select at least 2, with at least 1 course from Category B, 6 credits)</u>	
	<u>Category A</u> CSC 251 Networking Fundamentals (3 Cr) CSC 320 Computer Org & Arch (3 Cr) <u>Category B</u> CSC 335 Algorithms (3 Cr) CSC 340 Programming Languages (3 Cr) CSC Applications, Design, and Implications (Select 2-4 courses to reach 46+ credits) See details below --electives include courses from ACC, ART, BIS, COM, CSC, EES, ENG, HIS, MAT, PHI, PSY, and THE	<u>CSC Principles (15 credits)</u> CSC 251 Networking Fundamentals (3 Cr) CSC 320 Computer Organization & Arch (3 Cr) CSC 335 Algorithms (3 Cr) CSC 340 Programming Languages (3 Cr) CSC 440 Operating Systems (3 Cr) Select 12 credits (w/ at least 9 from CSC) CSC 3XX or CSC 4XX (not above, excluding internships) MAT 340 Calculus III MAT 350 Numerical Analysis BIS 367 Human-Computer Interfaces and Design

I. Common Core Requirements for the Computer Science B.A. and B.S. degrees (24 credits)

Computer Science Foundations

CSC 180 Fundamentals of Computing.....3
Choose one:.....3
MAT 230 Discrete Structures
CSC 230 Discrete Mathematics for Computer Science

Coding/Software Development

CSC 210 Computer Science and Programming I.....3

CSC 231 Computer Science and Programming II	3
CSC 270 Data Structures	3
CSC 445 Software Engineering.....	3

Database

CSC 341 Database and Information Management.....	3
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Capstone

CSC 450^^ Senior Research.....	3
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**Students in the B.A. program may also take CSC 101 Introduction to Computer Science*

II. Additional Requirements for the Computer Science B.A. degree (22 credits)

Mathematical Foundations (4 credits)

Choose one:

MAT 155 Precalculus Mathematics

MAT 155P Precalculus Mathematics Plus

MAT 195 Calculus for BUS, DSC, & ECO

MAT 243 Calculus I with Technology

Elective courses (18 credits, with at least 6 credits from each category below)

Computer Science Principles (Select at least 6 credits, with at least one course from Category B)

Category A

CSC 251 Networking Fundamentals	3
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CSC 320 Computer Organization and Architecture.....	3
-----------------------------------------------------	---

Category B

CSC 335 Algorithm Design and Analysis	3
---------------------------------------------	---

CSC 440 Operating Systems	3
---------------------------------	---

Computer Science Applications, Design, and Implications

Select at least 6 credits

ART 124 Digital Imaging and Online Media	3
------------------------------------------------	---

ART 337 Virtual & Augmented Reality Design	3
--------------------------------------------------	---

ART 326 User Interface Design	3
-------------------------------------	---

ART 351 Motion Graphic Design	3
-------------------------------------	---

ART 310 Web Design I	3
----------------------------	---

ART 323 Introduction to 3D Modeling	3
-------------------------------------------	---

ART 343 Introduction to 3D Animation	3
--------------------------------------------	---

ACC 420 Accounting Info Technology	3
------------------------------------------	---

OR

BIS 205 Information Management	3
--------------------------------------	---

OR

BIS 305 Business Analytics	3
----------------------------------	---

BIS 442 IT Project Management	3
-------------------------------------	---

OR

BIS 362 Healthcare Informatics.....	3
-------------------------------------	---

BIS 437 Rapid IT Development Management.....	3
----------------------------------------------	---

COM 352 Emergent Media Reporting	3
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COM 362 Social Media Design	3
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CSC 202 Intro to Programming & Machine Intelligence	3
-----------------------------------------------------------	---

CSC 203 Advanced Programming for Data Science	3
---------------------------------------------------------	---

CSC 249 Visual Basic NET	3
EES 208 Computer Aided Drafting	3
EES 300 & 301 Intro to Geographic Information Systems and Lab	3
OR	
EES 340 Geographic Information Systems with Laboratory	3
EES 342 Advanced Geographic Information Systems with Laboratory	3
EES 441 Imaging/Image Analysis in Env Earth Science	3
EES 444 Geospatial Applications Using Remote Sensing.....	3
ENG 206 Digital Composition	3
ENG 305 Composing Digital Narratives.....	3
ENG 360 Digital Game Studies.....	3
MAT 216 Statistical Data Analysis.....	3
OR	
MAT 315 Applied Probability & Statistics.....	3
MAT 310 Applied Linear Algebra	3
MAT 340 Calculus III with Technology 3	3
MAT 342 Explorations in Data Science	3
MAT 343 Explorations in Data Analytics	3
HIS 386 Intro to Digital History	3
PHI 366 Consciousness, Minds, and Machines	3
PSY 227 Behavior Science Statistics	3
PSC 202 Applied Quantitative Methods	3
THE 261 Visual Storytelling.....	3
THE 277 Computer Assisted Design (CAD)	3
THE 280 Lighting, Technology and Design	3
THE 281 Sound Technology and Design.....	3
THE 285 Projection Media Design and Technology	3
THE 345 Programming for Interactive Design	3
THE 385 Intermedial Performance Design II.....	3
Any additional required or elective course in the Computer Science B.S. degree program.	

III. Additional Requirements for Computer Science B.S. Degree (Total: 35 credits)

Mathematical Foundations (8 credits)

MAT 243 Calculus I with Technology	4
MAT 244 Calculus II with Technology.....	4

Computer Science Principles (15 credits)

CSC 251 Networking Fundamentals	3
CSC 320 Computer Organization & Arch.....	3
CSC 335 Algorithms.....	3
CSC 340 Programming Languages and Translation.....	3
CSC 440 Operating Systems	3

Additional Electives (12 credits)

Select a minimum of 12 credits from the following (at least 9 credits must be Computer Science):

CSC 300/400 level course (not above, excluding internships).....	3
MAT 340 Calculus III	3

MAT 350 Numerical Analysis	
BIS 367 Human Computer Interfaces and Design.....	3
<i>^meets Stage 2 University Writing Requirement (must complete two courses) ^^meets Stage 3 University Writing Requirement</i>	

Recommended Course Sequence

Check all course descriptions for prerequisites before planning your course schedule.

Recommended Course Sequence for Computer Science B.A.

First Year	
CSC 101 Introduction to Computer Science or.....	3
CSC 180 Fundamentals of Computing.....	3
CSC 210 Computer Science and Programming I.....	3
MAT 155 Precalculus Mathematics	4-5
Or	
MAT 155P Precalculus Mathematics Plus.....	4-5
or	
MAT 195 Calc for BUS, DSC & ECO.....	4-5
Or	
MAT 243 Cal I with Technology.....	4-5
ENG 100/100P College Writing.....	3-5
LAC 100 & 101 Introduction to the LAC.....	4
ELAC Disciplinary Perspectives/ General Electives	9-15
Total for Year	30-31 credits

Second Year	
LAC 200 Intermediate LAC Seminar.....	3
CSC 231 Computer Science and Programming II	3
Choose one: 3	
CSC 230 Discrete Mathematics for Computer Science	3
MAT 230 Discrete Structures.....	3
CSC Principles of B.A. Electives	3
CSC 270 Data Structures	3
ELAC Disciplinary Perspectives	12
General Elective	3
Total for Year	30 credits

Third Year	
Computer Science Principles of B.A. Electives	9
CSC 320 Computer Organization and Architecture.....	3
ELAC Disciplinary Perspectives and General Electives	18
Total for Year	30 credits

Fourth Year	
LAC 400 LAC Seminar Advanced Level	3
CSC 445 Software Engineering.....	3
CSC 450 Senior Research	3
Computer Science B.A. Electives	6
General Electives	15
Total for Year	30 credits

Recommended Course Sequence for Computer Science B.S.

First year

CSC 180 Fundamentals of Computing.....	3
CSC 210 Computer Science and Programming I.....	3
MAT 155 Precalculus Mathematics	4-5
MAT 243 Calculus I with Technology	4
ENG 100/100P College Writing/Plus.....	3-5
LAC 100 & 101 LAC Seminar/Introduction to the LAC.....	4
ELAC Disciplinary Perspectives	6-12
Total for Year	30-32 credits

Second Year

LAC 200 Intermediate LAC Seminar.....	3
CSC 231 Computer Science Programming II.....	3
Choose one:.....	3
CSC 230 Discrete Mathematics for Computer Science	3
MAT 230 Discrete Structures.....	3
MAT 244 Calculus II with Technology.....	4
CSC 251 Networking Fundamentals	3
CSC 270 Data Structures	3
ELAC Disciplinary Perspectives	12
Total for Year	31 credits

Third Year

CSC 320 Computer Organization and Architecture.....	3
CSC 335 Algorithm Design and Analysis	3
CSC 341 Database and Information Management.....	3
CSC 340 Programming Languages and Translation.....	3
CSC3/400 Computer Science Electives	6
ELAC Disciplinary and General Electives	12
Total for Year	30 credits

Fourth Year

LAC 400 LAC Seminar Advanced Level.....	3
CSC 445 Software Engineering.....	3
CSC 440 Operating Systems	3
CSC 450 Senior Research	3
CSC 3/400 Computer Science Electives	6
General Electives	12
Total for Year	30 credits

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 our dedicated computer labs. A dedicated computer lab, which supports multiple operating systems (Linux and Windows), is available exclusively for computer science majors for their exploration and research activities. Through membership subscriptions, the department provides students with some of the latest platforms, servers, and developer tools in the market. The department's computing facilities support a versatile set of software, including Microsoft VS Code (including Python and the NET Framework), Microsoft SQL server, Eclipse IDE, Oracle SQL Developer, Oracle Java EE, Jupyter Notebooks, R/R Studio, and Cloudera CDH5 VM. Eastern is a member Institution of Oracle Academy. With this institutional membership, the department has full-access to Oracle's industry-leading software for use in teaching and research.

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. Outstanding student work may be presented at professional societies.

Upsilon Pi Epsilon

Eastern Connecticut State University has the Alpha Charter of the Upsilon Pi Epsilon Computer Science Honor Society in Connecticut. This honor society is nationwide. Students in this society are asked on occasion to tutor other students in computer science, to represent Eastern on Computer Science issues, and to present undergraduate papers at computer science conferences.

CRIMINOLOGY

Sociology, Anthropology, Criminology, and Social Work Department

Department Chair: Theresa Severance

Program Coordinator: Nicholas Parsons

Objectives

The Criminology program provides students with the methodological tools to understand the fundamental theories of the causes of crime, to develop new theories and models, and to study the impact of a variety of programs designed to combat or respond to crime. Students explore the influence of social inequality and diversity on our conceptualization of crime-related issues domestically and internationally. Internships, service learning, and other field experiences provide students with the opportunity to apply course material to analyzing and solving problems in the community.

Learning Outcomes Include:

- To understand the major criminological theoretical perspectives, and to hone the ability to link theoretical ideas to inquiry and analysis
- To demonstrate an understanding of how ideological, social, political, and fiscal forces shape crime policy
- To understand and appreciate the role of social inequality and cultural diversity in the study of criminology
- To approach the study of crime and criminals from a social scientific perspective
- To receive hands-on experiential learning in the field of criminology to develop career skills
- To develop abilities to communicate in writing; accomplished through two required writing-intensive courses.

Degree Requirements

Required Courses

SOC 100 Introduction to Sociology	3
CRM 210 Introduction to Criminology	3
SOC 350^ Methods of Social Research.....	4
SOC 351 Statistics for Social Research.....	4
CRM 410 Criminological Theory	3
CRM 450^^ Criminology Senior Seminar.....	3

Crime Topics

Choose 9 credits:

CRM 101 Criminal Justice and Society.....	3
CRM 105 Criminal Justice and Community Relations.....	3
SOC 209 Juvenile Delinquency.....	3
SOC 220 Sociology of Corrections	3
SOC/WST 310 Women and Crime	3
SOC 311 Drugs and Society.....	3
SOC 315 Crime and Media.....	3
CRM 260 True Crime in the 21 st Century.....	3
CRM 317/WST 316 Race, Gender, and the Criminal Justice System	3
SOC 318 Violence in Relationships	3
CRM 320 The Death Penalty in America	3
SOC 325 Law and Society.....	3

ANT 358 Anthropology of Violence.....	3
CRM 340 Current Controversies in Criminology.....	3
CRM 345 Crime in Time and Space	3
CRM 350 Guns, Gangs, Drugs and Violence	3
CRM 355 Organized Crime	3
CRM 360 Justice Alternatives and the Arts	3
CRM 365 Special Topics in Criminology	1-3
CRM 480 Independent Study	1-6

Social and Cultural Diversity

Choose 9 credits:

SOC/WST 208 Gay, Lesbian and Bisexual Lives	3
SOC/WST 240 Sociology of Gender	3
SOC 250 Social Inequality.....	3
SOC 307 Deviance.....	3
SOC 312 Sociology of Mental Illness.....	3
SOC 346 Race and Ethnic Relations	3
ANT/LAS 225 Contemporary Puerto Rican Culture and Society	3
ANT/LAS 240 Latinos in the United States.....	3
ANT 345 Transnational, Racial, and Ethnic Identity.....	3

Experiential Learning

Choose 3 credits:

CRM 475 Criminology Internship: Group Supervision.....	3
CRM 490 Criminology Internship: Individual Supervision.....	3
<i>^meets Stage 2 University Writing Requirement ^^meets Stage 3 University Writing Requirement</i>	

RECOMMENDED COURSE SEQUENCE

Check all course descriptions for prerequisites before planning your course schedule.

First Year

Tier I Mathematics.....	3
ENG 100 College Writing (Foundational Writing)	3
LAC 100 LAC Seminar- Introductory	3
LAC 101 Introduction to the LAC.....	1
SOC 100 Introduction to Sociology	3
Other ELAC Requirements	16
Total for Year	30 credits

Second Year

Foreign Language Requirement.....	0-6
CRM 210 Introduction to Criminology	3
SOC/CRM Four or five SOC/CRM courses	12-21
ELAC Requirements.....	15
Total for Year	30 credits

Third Year

SOC 350 Methods of Social Research.....	4
SOC 351 Statistics for Social Research.....	4
SOC/CRM Courses in area of concentration	3-6

ELAC Requirements.....	9
Criminology Major Requirements	9
Total for Year	30 credits
Fourth Year	
CRM 410 Criminological Theory	3
CRM 450 Senior Seminar	3
CRM 475/490 Internship	3
Major Requirements/Electives	21
Total for Year	30 credits

Data Science

Mathematical Sciences Department
Department Chair: Megan Heenehan

Objectives

Data science, one of the fastest-growing career areas in Connecticut and in the country, is an interdisciplinary field that uses computer science and statistics in order to process, analyze, visualize, and extract meaningful insights from data, which can inform decisions. Data science can be applied to fields as diverse as business, finance, healthcare, sports, environmental science, climate science, medicine, political science, defense, social science, human culture, education, and the list goes on.

All data science majors receive training in the core areas of statistics, computer science, business analytics, and geospatial information systems. Students learn fundamental Python, R, and SQL programming skills. Data-based team projects, which are integral to the program, provide opportunities for students to apply data science tools and techniques as well as to develop collaboration and communication skills.

The major is designed for students who wish to pursue careers such as data scientist, geospatial information scientist, and technologies, data engineer, business analyst, insurance analyst, financial analyst, sports analyst, political analyst, etc.

Writing Requirements

All data science majors must complete the program's Stage 2 and Stage 3 Writing requirements:

- Stage 2: Data Visualization (BIS 449)
- Stage 3: Liberal Arts Capstone Colloquium (LAP 430) or Organizational Website and Data Management (BIS 377) or Senior Research (CSC 450).

Degree Requirements

Data science majors may choose between a B.A. and B.S. degree. The requirements for the B.A. are 44-45 credits, and the requirements for the B.S. are 53 – 55 credits. The data science core curriculum is stacked in five levels, L1 – L5. The major is completed with two additional electives (B.A. degree) or by satisfying the requirements for a concentration (B.S. degree). For courses within the major, either (1) a minimum grade of C must be earned in each course or (2) an average of C+ must be earned in all courses. As part of the requirements for courses in L2 – L5, students contribute to a portfolio, which by level L5 should be suitable for showcasing their work to future employers.

Required Common Core Courses

Level L1 Data Science Foundation

Choose one:..... 4

MAT 243 Calculus I with Technology

MAT 195 Calculus I for Business, Data Science, and Economics

Choose one:..... 3-4

MAT 216 Statistical Data Analysis

ECO 215 Statistics for Business and Economics

MAT 315 Applied Probability and Statistics

MAT 342 Explorations in Data Science 3

CSC 202 Introduction to Programming and Machine Intelligence..... 3

CSC 203 Advanced Programming for Data Science 3

BIS 205 Information Management..... 3

BIS 305 Business Analytics	3
EES 300 Basics of Geographic Information Systems	3
EES 301 Introduction to Geographic Information Systems Laboratory	1

Level L2 Database Course

Choose one:

CSC 341 Database and Information Management	3
BIS 373 Business Database Management	3

Level L3 Data Mining/Analytics

Choose one:

MAT 343 Explorations in Data Analytics	3
CSC 305 Data Mining and Machine Learning	3
BIS 447 Business Intelligence and Data Solutions	3

Level L4 Stage 2 Writing

BIS 449^ Data Visualization	3
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Level L5 Capstone, Stage 3 Writing

Choose one:

BIS 377^^ Organizational Website & Database Management	3
CSC 450^^ Senior Research	3
LAP 430^^ Liberal Arts Capstone Colloquium	3

B.A. Degree

Complete two electives, 6 credits, from MAT, CSC, BIS or GIS programs in consultation with your advisor.

B.S. Degree with Concentration in Mathematics

MAT 244 Calculus II with Technology	4
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Choose 4 courses (12 credits) from:

MAT 230 or Discrete Structures	3
CSC 230 Discrete Mathematics for Computer Science	
MAT 310 Applied Linear Algebra	3
MAT 355 Probability	3
MAT 356 Financial Mathematics	3
MAT 373 Explorations in Mathematical Biology	3
MAT 374 Explorations in Topic (in approved topic)	3
MAT 480 Independent Study (in approved topic)	3
CSC 315 Genomic Data Analysis	3
EES 342 Advanced Geographic Information Systems	4
with Laboratory	

B.S. Degree with Concentration in Computer Science

CSC 231 Computer Science and Programming II	3
CSC 270 Data Structures	3

Choose 3 courses (9 credits) from:

MAT 230 or Discrete Structures	3
CSC 230 Discrete Mathematics for Computer Science	
CSC 335 Computer Algorithms	3
CSC 301 Advanced Web Development and Web Scraping	3
CSC 315 Genomic Data Analysis	3
CSC 342 Advanced Database Systems	3

CSC 343 Big Data Programming and Management.....	3
CSC 375 Artificial Intelligence.....	3
CSC 475 Intelligent Systems	3
<i>###For this concentration, or for students double majoring in Computer Science, CSC 210 can substitute for CSC 202 in the Core.</i>	

B.S. Degree with Concentration in Business Analytics

- Choose one course (3 credits) at the 200-level in ACC, BIS, BUS, ECO or FIN
- Choose one course (3 credits) at the 200 or 300-level in ACC, BIS, BUS, ECO or FIN
- Choose two courses (6 credits) at the 300 or 400-level in ACC, BIS, BUS, ECO or FIN; or CSC 343
- Choose one course (3 credits) from:

ACC 310 Cost Accounting Systems.....	3
BUS 380 Quality Management in Healthcare.....	3
BUS 428 Marketing Research	3
BUS 433 Strategic Talent Management	3
ECO 305 Introduction to Econometrics	3
FIN 346 Investment Analysis	3
OSC 360 Supply Chain Management.....	3
OSC 363 Introduction to Six Sigma	3

B.S. Degree with Concentration in Geographic Information Systems

- EES 342 Advanced Geographic Information Systems with Laboratory 4
- EES 444 Geospatial Applications Using Remote Sensing3
- EES 480/491 Independent Study/Internship in Environmental Earth Science

Choose two courses (6-7 credits) from:

CSC 210 Computer Science and Programming I.....	3
CSC 212 Computer Game Design and Visualization	3
CSC 231 Computer Science and Programming II	3
CSC 305 Data Mining and Machine Learning	3
CSC 314 Introduction to Bioinformatics.....	3
MAT 315 Applied Probability and Statistics.....	4

^meets Stage 2 University Writing Requirement ^^meets Stage 3 University Writing Requirement

Recommended Course Sequence (B.A. or B.S.)

Check all course descriptions for prerequisites before planning your course schedule.

First Year

ENG 100/P College Writing/Plus	3-5
MAT 155/243/195 Foundational Math.....	4-8
ELAC Requirements.....	12-15
CSC 202 Introduction to Machine Intelligence.....	3
BIS 205 Information Management.....	3
Total for Year	30 credits

Second Year

ELAC Requirements.....	12
Foreign Language	0-6
CSC 203 Advanced Programming for Data Science	3
MAT 216/315/ ECO 215 Statistics Course.....	3-4
MAT 342 Explorations in Data Science	3
EES 300 Basics of Geographic Information Systems	3

EES 301 Introduction to Geographic Information Systems Laboratory	1
BIS 373 Business Database Management	3
Total for Year	30 credits
Third Year	
BIS 305 Business Analytics	3
CSC 341 or Database Information Management or.....	3
BIS 373 Business Database Management	3
MAT 343 or Explorations in Data Analytics	3
Or	
CSC 305 Data Mining and Machine Learning.....	3
Or	
BIS 447 Business Intelligence.....	3
One or Two Data Science Major Electives.....	3-6
ELAC Requirements.....	6
Minor	0-6
Total for Year	30 credits
Fourth Year	
BIS 449 Data Visualization	3
Writing Stage 3.....	3
One – Three Data Science Major Electives.....	3-9
Minor	0-6
Electives.....	12-15
Total for Year	30 credits

Early Childhood Education

Education Department
Department Chair: Mark Fabrizi
Associate Chair: Xing Liu

Eastern Connecticut State University is accredited by the Council for the Accreditation of Educator Preparation (CAEP).

The Candidate Learning Outcomes are at www.easternct.edu/education/clo-conceptual-framework/ These outcomes 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 Council for the Accreditation of Educator Preparation (CAEP) Standards.

EASTERN'S EDUCATOR PREPARATION PROGRAMS (EPP)

Candidate Learning Outcomes (CLO)

Domain I: Intentional Teaching

We believe that intentional teaching and its important corollary intentional learning necessitate viewing learning as the predetermined and actively sought after goal of education.

Candidate Learning Outcomes:

- Candidates demonstrate a positive and reflective disposition towards intentional planning and teaching practices that are appropriate for diverse learners.
- Candidates demonstrate the ability to identify discipline-specific content knowledge and skills, develop and implement evidence-based, inclusive instructional practices that engage all students and improve student achievement.
- Candidates develop effective classroom environments that nurture collaborative learning and self-efficacy.
- Candidates identify and utilize educational technology and other digital resources to enhance the learning experiences of all students and to transform their own instructional practices.
- Candidates develop and integrate learning experiences that require students' use of critical thinking skills, problem solving and diverse forms of communication.

Domain II: Data Literacy

We believe that data literacy offers a dedicated pathway towards understanding the abilities and needs of all students and offers a means to improve students' growth and development across all curricular areas.

Candidate Learning Outcomes:

- Candidates use and/or adapt/design qualitative and quantitative assessments that directly align with the learning goals of content in the discipline.
- Candidates organize, analyze, interpret and graphically display data on student growth.
- Candidates triangulate data from multiple sources to determine student learning and guide planning and teaching.
- Candidates use classroom-wide and individual student data to understand learning and development and to inform and adjust instruction.
- Candidates analyze student data - including pre-and post-instruction assessments – to determine the impact of their own teaching.
- Candidates demonstrate reflective and interpersonal abilities to become an active member of a data team.
- Candidates demonstrate a positive disposition toward data collection and articulate its importance in teaching and learning.

Domain III: Cultural Competence

We believe that cultural competence includes understanding and appreciating cultural, learner, and linguistic diversity, but also practicing a pedagogy that views school-family relationships as partnerships in learning.

Candidate Learning Outcomes

- Candidates demonstrate deep caring, commitment, and empathy for children and families of diverse cultural and socio-economic backgrounds.
- Candidates articulate the positive influences of culture on students' learning and development
- Candidates demonstrate culturally responsive teaching by incorporating the strengths, interests, histories, and needs of families of diverse cultures in their planning, teaching, and assessment.
- Candidates adapt teaching and learning experiences to the linguistic, social, and learning styles and needs of children of diverse backgrounds.
- Candidates honor all family languages and understand the importance of preserving language as a fundamental part of culture.
- Candidates proactively promote positive cross-cultural peer relationships and openly and directly address instances of bias as they arise in the classroom.
- Candidates apply their knowledge of culture in their communication with and involvement of families in school.
- Candidates monitor and address their own cultural biases and recognize and articulate the influences of their own families and cultures on their beliefs and professional practices.

Domain IV: Professional Practice and Leadership

We believe that across all coursework and clinical practices, our candidates must demonstrate compassion and dedication to all students that is earnest, professional, and mindful.

Candidate Learning Outcomes

- Candidates demonstrate an ongoing commitment to their professional growth by engaging in continuous meaningful learning.
- Candidates continually examine their ability to design and deliver effective instruction by using feedback and evidence from students, peers, and mentors to revise instructional practices and improve effectiveness.
- Candidates collaborate with their peers, school personnel, families, and community members to contribute to effective school changes.
- Candidates seek leadership roles to advocate for the well-being of all learners and to advance the profession.

Admission to the Program

All teacher education 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. More information on CARE policies and procedures can be found at www.easternct.edu/education/admission-care-policies.

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 teacher candidates and graduate teacher candidates may begin professional preparation in both the fall and spring semesters. Application materials should be submitted by October 1 to be admitted to professional preparation courses in the spring semester; application materials should be submitted by February 15 to be admitted to courses for the fall semester. If these dates fall on a weekend or holiday, then the applications are 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 Early Childhood Education Program, teacher candidates must:

- Complete or be in the process of completing ECE 215 and PSY 206
- Have an earned GPA of 3.0 or higher from all undergraduate coursework with a C or greater in all prerequisite coursework
- File a formal application by the required date
- Forward references from a faculty member in their academic major, a faculty member from a Liberal Arts Core course, and a professional educator to the Education Department
- Take PRAXIS I or other appropriate state test. This is a University and state requirement for certification, regardless of where a student 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.)
- Satisfactorily complete a personal interview, demonstrating competencies in professional dispositions, content knowledge, and communication skills, with a team of faculty.
- Complete a criminal history background check and fingerprinting.

Students are 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 admission and retention in the Teacher Education Program, teacher candidates must:

- Maintain a 3.0 grade point average throughout their coursework
- Earn a grade of “C” or higher in all required education courses; (see also Liberal Arts/General Education requirements section in this chapter.)
- 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. Graduate students complete two clinical experiences in relevant semesters.

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, a student must be admitted by CARE to the Teacher Certification Program and have completed all Education courses.

Placement for Early Childhood Certification consists 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 assignment 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.

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 to the program. In order to plan appropriate accommodations, teacher candidates in need of special supports are encouraged to inform CARE as early as possible and to consult with Eastern’s Office of AccessAbility Services.

Certification requirements are continually modified by the Connecticut State Department of Education.

Academic Major

Since 1993, the State of Connecticut has required that those receiving a certificate must have a subject-matter outside of Education. Early Childhood Education teacher candidates may major in a discipline other than Physical Education.

Liberal Arts/General Education Requirements

The State of Connecticut requires that those receiving a teaching certificate have a diverse general education background in liberal arts courses. The following requirements must be met by undergraduate liberal arts courses with a grade of C or above.

For Early Childhood Majors:

Science (two courses, one with Laboratory)	7 credits
English	6 credits
Social Science (PSY, SOC, ECO, or PSC)	3 credits
MAT 139 or MAT 139P.	3-4 credits
Arts (Music, Theatre, Art, and Art History)	3 credits
Foreign Language (if not met in high school)	6 credits
United States History (HIS 120, 121, or 310)	3 credits
HPE 201 or HPE 210	3 credits
Human Growth and Development Coursework	12 credits
(may include selected courses in psychology or Early Childhood Education major)	

Connecticut's Common Core of Teaching

Standards for teaching are set by the profession and by the State of Connecticut and are outlined in the Connecticut Common Core of Teaching (CCCT) Standards. These competencies have been aligned with the Education Unit's Conceptual Framework. Teacher candidates' success during the University program and initial years of teaching are assessed using these competencies; these competencies are reflected in the certification program objectives. Teacher candidates are given opportunities to practice and master these throughout the program.

Exit Requirements

Early Childhood Education teacher candidates must successfully complete the Connecticut Foundations of Reading Test (CFRT) and the Early Childhood 002 Test.

Teacher Certification

The Early Childhood Education Certification is a major program and results in a Bachelor of Science (B.S) and a double major in an academic area.

Certification at the Graduate Level

Post-baccalaureate teacher candidates might consider pursuing Early Childhood Education (N-3) Certification within a Master of Science (M.S.) program. Information on these programs may be found in the "Graduate Division" section of this catalog and through advisement with 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 Early Childhood Test and the Foundations of Reading test, Early Childhood teacher candidates are awarded an Initial Educator Certificate. During the first years of teaching, the new teacher participates in an induction program.

Undergraduate and Post-Baccalaureate Teacher Certification Programs**EARLY CHILDHOOD EDUCATION MAJOR (B.S)**

This major is designed to prepare teachers for childcare, preschool, kindergarten, or primary programs that serve children from ages 3-8 years and their families. Completion of this major leads 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/General Education Requirements" section of this chapter.

ARTICULATION AGREEMENT WITH COMMUNITY COLLEGES

The Early Childhood Program at Eastern has developed an articulation agreement with regional community colleges. Students transferring from a community college who have an associate degree in Early Childhood Education should check with an advisor to determine which courses they 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 must 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
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Required Course Sequence

After admission to the CARE program

Core I (to be taken together as a block)

ECE 315 Play and Social Development	4
ECE 325 Language and Literacy I.....	3
ECE 455 Science Pedagogy in Early Childhood Education	3

Core II (to be taken together as a block)

ECE 355 Reading and Writing in the Primary Years.....	3
ECE 400 Social Studies Pedagogy in ECE.....	3
ECE 401 Field Experience in Early Childhood	1
ECE 330 Math Pedagogy in Early Childhood Education.....	3

Core III (to be taken together as a block)

ECE 420 Development of Children with Special Needs.....	3
ECE 410 Families, Cultures and Child Development	3
ECE 425 Practicum in Early Childhood Special Education.....	3

Core IV (to be taken together as a block)

ECE 405 Adapting the EC Curriculum for the Inclusive Classroom.....	3
ECE 445 Student Teaching: Grades 1 – 3.....	6-9

Certification

After completion of the program described above, teacher candidates apply for certification in Early Childhood (with dual certification and special education), N-3.

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 of the society.

ECONOMICS

Economics and Finance Department
Department Chair: Maryanne Clifford

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 incorporates highly employable skills in critical thinking, communication, ethical reasoning, creativity, and quantitative reasoning with knowledge of economics in a wide variety of courses that emphasize economic knowledge and applied analytical reasoning to address contemporary economic issues. Economics majors are expected to select electives in a way that matches their career aspirations.

Eastern economics graduates are distinctive- they have skills and knowledge to use economic analysis effectively in the environments they are likely to work in after graduation, and upon completion of their internship, have learning experiences outside of the classroom that aid their transition to post-graduation employment. Recent graduates 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.

Degree Requirements

The Economics major requires 39 credits.

THE CORE

ECO 200 Introductory Macroeconomics	3
ECO 201 Introductory Microeconomics	3
ECO 215 Statistics for Business and Economics.....	3
ECO 245^ Research Methods	3
ECO 301 Microeconomic Theory.....	3

ECO 302^ Macroeconomic Theory.....	3
ECO 479^^ Senior Economics Seminar (cross listed)	3
ECO 490 Internship in Economics (cross listed).....	3

ECONOMIC POLICY AND ANALYSIS CONCENTRATION

Choose 5 courses (15 credits) from the following:

ECO 305^ Introduction to Econometrics	3
ECO 322^ Sustainability and Environmental Economics.....	3
ECO 325^ Money and Banking	3
ECO 330^ Labor Economics and Inequality.....	3
ECO 331 Economics of Sports.....	3
ECO 333 Health Economics	3
ECO 343 Media Economics	3
ECO 465 Special Topics in Economics.....	3

BUSINESS ECONOMICS CONCENTRATION

This program primarily serves the interests of those students who seek to double major in economics and finance or another area of business. By combining coursework from economics with finance, accounting, business information systems, or business administration. Business Economics students are prepared to enter jobs in finance, accounting, BIS, marketing, or general administration.

Choose 2 (6 credits) of the elective courses (listed above under Economics Policy and Analysis) and Choose 3 courses (9 credits) in 300 or 400 level courses in 1 of the following: accounting, business, finance, and/or business information systems, excluding internships and independent studies.

#Note: Students interested in graduate school are strongly recommended to take ECO 305, Introduction to Econometrics and the following MAT courses:

MAT 243 Calculus I with Technology.....	4
MAT 244 Calculus II with Technology	4
MAT 315 Applied Probability and Statistics	4
MAT 340 Calculus III.....	4
MAT 341 Differential Equations.....	3

^meets Stage 2 University Writing Requirement (2 courses required) ^^meets Stage 3 University Writing Requirement

Recommended Course Sequence

Check all course descriptions for prerequisites before planning your course schedule.

First Year

ENG 100 College Writing.....	3
Foundational Math	3
ELAC Requirements.....	15-18
ECO 200 Introductory Macroeconomics	3
ECO 201 Introductory Microeconomics	3
General Electives	3-6
Total for Year	30 credits

Second Year

ELAC Requirements.....	9-12
Foreign Language	0-6
ECO 215 Statistics for Business and Economics.....	3
ECO 245 Research Methods	3
ECO 302 Macroeconomic Theory.....	3
ECO 3** Economics Electives	3

Minor Requirements	0-3
General Electives	3-9
Total for Year	30 credits

Third Year

ELAC Requirements.....	4-7
ECO 301 Microeconomic Theory.....	3
ECO 3**/4** Economics Electives.....	6-9
Minor Requirements	0-6
General Electives	5-14
Total for Year	30 credits

Fourth Year

ELAC Requirements.....	3-6
ECO 479 Senior Economics Seminar	3
ECO 490 Internship in Economics	3-6
ECO 3**/4** Economics/Business Elective.....	6-9
Minor Requirements	0-6
General Electives	12-18
Total for Year	30 credits

Honors Society for Economics

Each year selected students are honored for distinguished academic achievement through membership in the Zeta Chapter of Omicron Delta Epsilon, the International Honor Society for Economics.

ELEMENTARY EDUCATION

Education Department
Department Chair: Mark Fabrizi
Associate Chair: Xing Liu

Eastern Connecticut State University is accredited by the Council for the Accreditation of Educator Preparation (CAEP).

The Candidate Learning Outcomes are also found at www.easternct.edu/education/clo-conceptual-framework/.

These outcomes are aligned with the Common Core of Teaching (CCT) Standards, the Interstate New Teacher Assessment and Support Consortium (INTASC) Principles, the National Board for Professional Teaching Standards (NBPTS) Propositions, and the Council for the Accreditation of Educator Preparation (CAEP) standards.

EASTERN'S EDUCATOR PREPARATION PROGRAMS (EPP)

Candidate Learning Outcomes (CLO)

Domain I: Intentional Teaching

We believe that intentional teaching and its important corollary, intentional learning necessitate viewing learning as the predetermined and actively sought after goal of education.

Candidate Learning Outcomes:

- Candidates demonstrate a positive and reflective disposition towards intentional planning and teaching practices that are appropriate for diverse learners.
- Candidates demonstrate the ability to identify discipline-specific content knowledge and skills, develop and implement evidence-based, inclusive instructional practices that engage all students and improve student achievement.
- Candidates develop effective classroom environments that nurture collaborative learning and self-efficacy.
- Candidates identify and utilize educational technology and other digital resources to enhance the learning experience of all students and to transform their own instructional practices.
- Candidates develop and integrate learning experiences that require students' use of critical thinking skills, problem-solving solving and diverse forms of communication.

Domain II: Data Literacy

We believe that data literacy offers a dedicated pathway towards understanding the abilities and needs of all students and offers a

means to improve students' growth and development across all curricular areas.

Candidate Learning Outcomes:

- Candidates use and/or adapt/design qualitative and quantitative assessments that directly align with the learning goals of content in the discipline.
- Candidates organize, analyze, interpret, and graphically display data on student growth.
- Candidates triangulate data from multiple sources to determine student learning and guide planning and teaching.
- Candidates use classroom-wide and individual student data to understand learning and development and to inform and adjust instruction.
- Candidates analyze student data — including pre- and post-instruction assessments — to determine the impact of their own teaching.
- Candidates demonstrate reflective and interpersonal abilities to become an active member of a data team.
- Candidates demonstrate a positive disposition toward data collection and articulate its importance in teaching and learning.

Domain III: Cultural Competence

We believe that cultural competence includes understanding and appreciating cultural, learner, and linguistic diversity, but also practicing a pedagogy that views school-family relationships as partnerships in learning.

Candidate Learning Outcomes:

- Candidates demonstrate deep caring, commitment, and empathy for children and families of diverse cultural and socioeconomic backgrounds.
- Candidates articulate the positive influences of culture on students' learning and development.
- Candidates demonstrate culturally responsive teaching by incorporating the strengths, interests, histories, and needs of families of diverse cultures in their planning, teaching, and assessment.
- Candidates adapt teaching and learning experiences to the linguistic, social, and learning styles and needs of children of diverse backgrounds.
- Candidates honor all family languages and understand the importance of preserving language as a fundamental part of culture.
- Candidates proactively promote positive cross-cultural peer relationships and openly and directly address instances of bias as they arise in the classroom.
- Candidates apply their knowledge of culture in their communication with and involvement of families in school.
- Candidates monitor and address their own cultural biases and recognize and articulate the influences of their own families and cultures on their beliefs and professional practices.

Domain IV: Professional Practice and Leadership

We believe that across all coursework and clinical practices, our candidates must demonstrate compassion and dedication to all students that is earnest, professional, and mindful.

Candidate Learning Outcomes:

- Candidates demonstrate an ongoing commitment to their professional growth by engaging in continuous meaningful learning.
- Candidates continually examine their ability to design and deliver effective instruction by using feedback and evidence from students, peers, and mentors to revise instructional practices and improve effectiveness.
- Candidates collaborate with their peers, school personnel, families, and community members to contribute to effective school changes.
- Candidates seek leadership roles to advocate for the well-being of all learners and to advance the profession.

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. More information on CARE policies and procedures can be found at www.easternct.edu/education/admission-care-policies/.

Students interested in teacher preparation programs must apply to CARE at least one semester prior to enrolling in professional preparation courses. Undergraduate elementary teacher candidates may begin professional preparation courses in the fall semester only; the application deadline for these programs is always February 15. (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 Elementary Teacher Education Program, teacher candidates must:

- Complete or be in the process of completing EDU 200 and EDU 210, or EDU 357.
- Have an earned GPA of 3.0 or higher with a C or greater in all prerequisite coursework.
- File a formal application by the required date using TK20, which can be found at www.easternct.tk20.com/campustoolshighered/start.do.
- Send references from a faculty member in their academic major, a faculty member from a Liberal Arts Core course, and a professional educator to the Education Department.
- Take PRAXIS CORE 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 CORE 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 CORE in the spring semester of their freshman year.)
- Satisfactorily complete a personal interview, demonstrating competencies in oral communication, with a team of faculty.
- Complete a criminal history background check and fingerprinting.
- Students beginning school in fall 2016 or later must complete 50 service hours prior to admission. Please see www.easternct.edu/education/admission-care-policies/ to find specific guidelines and to download a clock hour form to document your service hours.

Students are 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:

- Maintain a 3.0 GPA throughout coursework
- Earn a grade of “C” or higher in all required education courses; (see also Liberal Education/General Education Requirements section of this chapter)
- 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.

Pre-student Teaching

Pre-student teaching is required in Core III (or the semester prior to the student teaching semester). Without successfully completing pre-student teaching, a candidate cannot advance to student teaching.

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. Candidates must also have passed the appropriate Praxis II and other required state tests prior to student teaching. Before being assigned such a placement, a student must be admitted by CARE to the Teacher Certification Program and must have completed all Education courses.

Placement for Elementary Certification is in grades 1-6. 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 Eastern’s Office of AccessAbility Services.

Certification requirements are continually modified by the Connecticut State Department of Education. Below are examples of some changes:

Academic Major

Since 1993, the State of Connecticut has required that those receiving a certificate must have a subject-matter major outside of education. Elementary teacher candidates at Eastern may major in any discipline except psychology, sociology or a major in a physical education field.

Liberal Arts/General Education Requirements for Elementary Majors

The State of Connecticut requires that those receiving a teaching certificate have a diverse general education background in liberal arts courses. The following requirements must be met by undergraduate liberal arts courses with a grade of C or above.

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.....	3 credits
U.S..History survey course)	
Arts	3 credits
Foreign Language (if not met in high school).....	6 credits
Health Dynamics (HPE 201 or HPE 210)	1 or 3 credits

Connecticut's Common Core of Teaching

Standards for teaching are set by the profession and by the State of Connecticut and are outlined in the Connecticut Common Core of Teaching (CCCT) Standards. These competencies are aligned with the Education Unit's Candidate Teacher Outcomes. Teacher candidates' success during the University program and initial years of teaching will be assessed using these competencies, which are reflected in the certification program objectives. Teacher candidates will be given opportunities to practice and master these throughout the program.

Praxis II

PRAXIS II, an exam that measures mastery of knowledge and skills critical to teaching in one's area of specialization, is administered to all prospective teachers before a teaching certificate is recommended. Additionally, Elementary Education candidates must pass the Connecticut Foundations of Reading Test before teacher certification is recommended.

The Elementary Education Certification is a major program and results in a Bachelor of Science (B.S) and a double major in an academic area.

Certification at the Graduate Level

Post-baccalaureate teacher candidates may consider pursuing Elementary Education (1-6) Certification within a Master of Science (M.S.) program. Information on these programs may be found in the Graduate Division 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 the Foundations of Reading test, elementary teacher candidates are awarded an Initial Educator Certificate. During the first years of teaching, the new teacher participates in an induction program.

Elementary Education Major (B.S.)

This program is designed to prepare entry-level professionals to teach in an elementary school classroom. Elementary Education Certification at Eastern requires a major in an academic subject other than Education, Psychology, Sociology, or Physical Education, and the completion of the professional preparation courses listed in the following recommended course sequence.

Teacher candidates must complete the general education courses required for certification as outlined on previous pages.

The Elementary Education Certification program at Eastern begins during the fall semester each year. Teacher candidates must apply to the CARE Committee by February 15 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 Development3 credits
and Exceptionalities.

EDU 210 Foundations of U. S. Education3 credits

Or

EDU 357 International Cross-cultural Education.....3 credits

OR

EDU 457 Global Field Study3 credits

Other Professional Courses: to be completed before or during the program:

PSY 206 Psychology of Childhood3 credits

OR

PSY 208 Psychology of Adolescence.....3 credits

EDU 222 Creative Expressions for Children and Youth.....3 credits

Health HPE 201 (1 credit) or HPE 210 (3 credits). 1-3 credits

Professional Preparation Courses:

Note: The following courses may only be taken after admission by CARE and are taken simultaneously in units.

Curriculum Courses:

The following courses are to be taken as a “block” or “core” and are designed to be taken consecutively, one “core” per semester, after admittance to the Undergraduate Elementary Education Teacher Certification Program. The cores should be taken during the last four semesters of a student’s bachelor’s program when the student has almost completed all major requirements as well as general education requirements.

Core I (taken as a block) (fall only) 10 credits

EDU 301 Clinical Experience - Core I.....1 credit

EDU 304 Learning and Teaching in Elementary Classrooms3 credits

EDU 307 Inclusive Elementary Classrooms.....3 credits

EDU 316 Foundations of Literacy.....3 credits

Core II (taken as a block) (spring only) 11 credits

EDU 401 Clinical Experience - Core II1 credit

EDU 404 Educational Assessment3 credits

EDU 405 Second Language Acquisition and Strategies1 credit

EDU 412 Methods in Elementary Social Studies3 credits

EDU 417 Applications of Literacy and Language Arts3 credits

Core III (taken as a block) (fall only) 9 credits

EDU 411 Methods in Elementary Mathematics3 credits

EDU 413 Methods in Elementary Science3 credits

EDU 450 Pre-Student Teaching9 credits

Licensure Exams: Candidates are required to pass the PRAXIS II Elementary Education Multiple Subjects tests before they can student teach. Candidates must pass another PRAXIS II exam, Principles of Learning and Teaching K-6, and the Foundation of Reading Test before completion of student teaching. Official passing scores on PRAXIS II tests and the Foundation of Reading Test, or receipt of registrations for taking these exams, must accompany the student teaching application. For more information on the Connecticut Foundations of Reading Test, see www.ct.nesinc.com. For the appropriate multiple subjects PRAXIS II exam test numbers, please see www.ets.org/praxis/ct/requirements.

Core IV (taken as a block) (spring only) 9-12 credits

EDU 465 Student Teaching Seminar: Elementary Schools3 credits

EDU 470 Student Teaching (Elementary Schools). 6-9 credits

Total 39-42 credits

Certification

After completion of the program described above, teacher candidates will apply for certification in elementary education (grades 1-6).

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 of the society.

ENGLISH

English Department
Department Chair: Stephen Ferruci
Associate Chair: Jordan Youngblood

Objectives

The major in English is designed to develop students' understanding of the complexity and versatility of the English language and to cultivate skills in communication, critical thinking, and creativity through writing and research. Students in the English major will take a set of six core disciplinary courses designed to help them become thoughtful, critical, and creative readers and writers, as well as two courses to help them prepare for future career and education pathways. Students will work with their academic advisor to develop an additional plan of study across six elective courses (18 credits). Students interested in teaching careers are strongly encouraged to follow the recommendations in the tracks designed for them (see below) when choosing their elective courses. A recommended track is also provided below for students especially interested in creative writing. Other students work together with their advisor to develop a unique slate of electives tailored to their interests and educational or professional goals. Regardless of the individual choices students make in designing their elective curriculum, they will encounter a variety of reading and writing experiences that broaden their perspective on the world, on the complexity of cultural values, and on personal and community life. In doing so, they will come to terms with ambiguity and nuanced value judgments, while developing their emotional intelligence. Students will emerge as stronger writers and more powerful analytical thinkers. This, in turn, will prepare students for success in a variety of fields, from medicine, law, philosophy, and business, to applied technology, the creative arts, and education.

Admission to the Program

There are no general requirements for admission to the English degree program. Continuing students wishing to change their major to English or add it as a second major must meet with the department chairperson to discuss their individual areas of interest.

Degree Requirements

Students must receive a grade of C (2.0) or higher in all courses being counted toward major requirements. Except for ENG 299 and ENG 487, students must receive Credit. The minimum requirements for the major total 39 ENG credits beyond Eastern's Liberal Arts Core. Credits for ENG 100: College Writing or ENG 100P: College Writing Plus cannot be used as part of the 39 credits required for the English major.

Required Gateway Courses: 18 Credits

ENG 177 Reading Closely.....	3 credits
ENG 277 Reading Critically	3 credits
ENG 377 Reading Contextually.....	3 credits
ENG 190 Writing Approaches and Techniques.....	3 credits
ENG 290^ Writing Process and Craft	3 credits
ENG 390^^ Advanced Writing Seminar	3 credits

Career and Professional Development Courses: 3 credits

Students will enroll in these courses during their sophomore year (299) and senior year (487).

ENG 299 Career Development for English I.....	1 credit
ENG 487 Career Development for English II.....	2 credits

Elective Requirements: 18 credits

With guidance from their academic advisors, English majors will devise a plan of study totaling at least 18 credits of additional ENG courses. No more than 6 credits may be used for internships (ENG 491, ENG 492, ENG 493, ENG 494, ENG 495), and only one independent study (ENG 480, ENG 481) may be used to fulfill the elective requirements. At least 9 elective credits must be at the 300 level or above.

[^]meets Stage 2 University Writing Requirement ^{^^}meets Stage 3 University Writing Requirement

Exit Portfolio

English majors must complete a non-graded exit portfolio in order to graduate. Details of the exit portfolio requirement are available in the department office and on the department website. The department chairperson will report completion of the exit portfolio to the Registrar. Portfolios are due no later than the Friday of the final exam week if students expect to graduate at the end of the semester.

English Honors

English Honors is a distinction separate from membership in Sigma Tau Delta, the international English honor society. English

majors with at least 75 credits who have both the aptitude and the motivation to carry out advanced independent work may pursue English Honors by taking ENG 499 and completing an independent project that reflects their interests. Interested students must seek the mentorship of an English faculty member and, in conjunction with the faculty member, submit a proposal to the chair of the department for approval no later than the end of the semester prior to taking ENG 499. Upon completion, students will be required to present their work to the public (e.g., a conference presentation, a public reading, an English class) in order to receive the English Honors notation.

English and Education

In Connecticut, all students preparing to be teachers must have a second major in an academic subject. English is a perennially popular choice for students training for early childhood, elementary, or secondary certification, whether they plan to complete the undergraduate teacher certification programs or the Early Start Master's, because our curriculum is tailored to prepare students for both certification exams and the classroom.

For students planning to teach at the early childhood and elementary levels, the English department highly recommends the following course, which covers material and skills that will be helpful in passing certification exams and their future classrooms:

ENG 223 Survey of American Literature

ENG 328 Children's Literature

ENG 338 Linguistic Analysis

For students planning to teach at the secondary (middle and high school) level, the following courses are required for certification:

ENG 329 Young Adult Literature in a Multicultural World

ENG 340 History and Development of the English Language

ENG 341 Modern American Grammar

In addition, we highly recommend the following courses:

ENG 223 Survey of American Literature

ENG 214 English Literature to 1798 or ENG 215 English Literature from 1798

For secondary education students, the English program also provides an online self-study, non-credit course to help students prepare for the certification exam, Praxis 5039. To gain access, please email Dr. Speicher (speichera@easternct.edu).

Creative Writing

Creative Writing courses in the English major enable students to gain an in-depth understanding of the creative writing process through the writing and revising of original poetry, fiction, creative nonfiction, and drama. Coursework will foster the development of voice, knowledge of craft, and the ability to read literary works from a writer's perspective. In addition to working closely with Eastern's published English faculty, students will have access to noteworthy visiting writers. Other opportunities include pre-professional coursework and internships in editing and publishing, as well as a global field course to study creative writing abroad.

For students wanting to focus on creative writing for their electives, the English department recommends the following courses:

ENG 205 Introduction to Creative Writing

Three courses chosen from the following:

ENG 207 Forms in Creative Writing

ENG 301 Writing Fiction

ENG 302 Writing Poetry

ENG 305 Composing Digital Narratives

ENG 308 Playwriting

ENG 353 Storytelling

ENG 372 Creative Writing Abroad

ENG 376 Advanced Forms, Theory and Practice in Creative Writing

ENG 380 Creative Non-Fiction

ENG 381 Advanced Fiction Workshop

ENG 382 Advanced Poetry Workshop

One Professional Experience Course from the following:

ENG 238 Literary Magazine Editing

ENG 363 Copyright in the Digital Age
 ENG 383 Literary Publishing
 ENG 481 LAW Independent Study in Writing for Publication
 ENG 495 Internship in Writing or Editing

ENVIRONMENTAL EARTH SCIENCE

Environmental Earth Science Department
 Department Chair: Bryan Oakley
 Assistant Chair: Steve Nathan

Objectives

The Environmental Earth Science (EES) major provides a broad-based education in environmental earth science with a strong foundation in geoscience. 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 of two possible concentrations to follow, which have the same common core and capstone course. 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 Environmental Science and Sustainability track is designed for students who are interested in careers and graduate study in environmental and ecological science, environmental policy, and environmental remediation and conservation science. The track provides a strong foundation in environmental earth science with additional courses in mathematics, chemistry, and physics, the impact of energy consumption on humans and the natural environment. Other required and elective courses allow individual EES majors to pursue environmental science subjects that connect with their academic and career interests. A capstone course for each track focuses on sustainability issues in geosciences, covering aspects of sustainable use of earth materials, energy, and water. Both tracks offer independent studies and internships in addition to formal coursework to give 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, environmental health science, environmental science, geographic information systems (GIS), geomorphology, hydrogeology, and sustainable energy studies. The environmental health minor explores the interrelationship between human health and the environment. The environmental science minor offers students further study of the relationship between people and their environment. 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 is 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/geoscientists, environmental analysts, or earth science teachers. The department also encourages its majors to pursue graduate studies.

Please consult www.easternct.edu/environmentalearthscience for updates to this catalog.

Degree Requirements: 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 CONCENTRATION

Core Requirements- 38 Credits

EES 104/112 Dynamic Earth/ Earth Science Laboratory	4
<i>~Alternatives EES 106/112, EES 110/112, EES 220/112, EES 220/221</i>	
EES 130 Ancient Environments with Laboratory	4
EES 224 Landform Analysis with Laboratory	4
EES 300 Introduction to Geographic Information Systems	3
EES 322 Elementary Hydrology with Laboratory	4
EES 333 EES Studies Employability	1
EES 362 Climate and Weather.....	3
CHE 210 General Chemistry I Lecture.....	3
CHE 211 General Chemistry II Lecture	3
CHE 212 General Chemistry I Lab	1
CHE 213 General Chemistry II Lab.....	1

MAT 216 Statistical Data Analysis	3
PHY 204 General Physics I with Laboratory	4
<i>(Alternative, PHY 208 Physics with Calculus I with Laboratory)</i>	

Required courses-12 credits

EES 330 Mineralogy and Rock Analysis with Laboratory.....	4
EES 344 Sedimentology and Stratigraphy with Laboratory.....	4
EES 356 Structural Geology and Enviro. Applications w/Lab.....	4

Pick two from 6 to 8 credits

EES 342 Advanced Geographic Information Systems w/Lab.....	4
EES 350 Field Method in Earth Science	4
EES 424 Glacial and Quaternary Geology.....	3
EES 440 Advanced Process Geomorphology.....	4
EES 441 Imaging and Image Analysis in EES.....	3
EES 444 Geospatial Applications Using Remote Sensing	3
EES 456 Coastal Geologic Processes and Hazards.....	3
EES 460 Special Topics in Earth Science.....	3
MAT 243 Calculus.....	4
PHY 205 General Physics II with Laboratory	4
<i>(Alternative, PHY 209 Physics with Calculus II with Laboratory).....</i>	
	4

Required Capstone-3 credits

EES 402 Sustainability Issues in Geosciences.....	3
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Total Credits..... 59 to 61

Recommended Electives

For students wanting to go beyond the above required courses, the following are appropriate options:

- CHE 216 Organic Chemistry I with Lab
- CHE 217 Organic Chemistry II with Lab
- CSC 110 Introduction to Computing and Problem-Solving
- CHE 310 Environmental Chemistry
- CHE 320 Quantitative Chemical Analysis with Lab
- EES 392 Environmental Earth Science Practicum
- EES 480 Independent Study in Earth Science
- EES 486 Environmental Earth Science Research
- EES 491 Internship in Environmental Earth Science
- MAT 244 Calculus II with Technology
- MAT 340 Calculus III with Technology

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 science, mathematics, physical science, physics, and political science.

ENVIRONMENTAL SCIENCE AND SUSTAINABILITY CONCENTRATION

Core Requirements- 38 Credits

EES 104/112 Dynamic Earth/Earth Science Laboratory	4
<i>~Alternatives EES 106/112, EES 110/112, EES 220/112, EES 220/221</i>	
EES 130 Ancient Environments with Laboratory	4
EES 224 Landform Analysis with Laboratory	4
EES 300 Introduction to Geographic Information Systems.....	3

EES 301 Introduction to Geographic Information Systems Lab	1
EES 322 Elementary Hydrology with Laboratory	4
EES 333 EES Studies Employability	1
EES 362 Climate and Weather.....	3
CHE 210 General Chemistry I Lecture.....	3
CHE 211 General Chemistry II Lecture	3
CHE 212 General Chemistry I Lab	1
CHE 213 General Chemistry II Lab.....	1
MAT 216 Statistical Data Analysis.....	4
PHY 204 General Physics I with Laboratory.....	4
<i>(Alternative, PHY 208 Physics with Calculus I with Laboratory)</i>	

Required courses-7 credits

BIO 240 Ecology with Laboratory	4
EES 305 Energy Resources and Conservation.....	3

Pick three from – 9 to 12 credits

CHE 310 Environmental Chemistry.....	3
EES 306 Green Buildings	3
EES 330 Mineralogy and Rock Analysis with Laboratory.....	4
EES 342 Advanced Geographic Information Systems w/Lab.....	4
EES 344 Sedimentology and Stratigraphy with Laboratory.....	4
EES 350 Field Method in Earth Science	4
EES 356 Structural Geology and Enviro. Applications w/Lab.....	4
EES 424 Glacial and Quaternary Geology.....	4
EES 440 Advanced Process Geomorphology	4
EES 441 Imaging and Image Analysis in EES.....	3
EES 444 Geospatial Applications Using Remote Sensing	3
EES 456 Coastal Geologic Processes and Hazards.....	3
EES 460 Special Topics in Earth Science.....	3

Pick one from- 3 credits

BIO 301 Microbes and Your Health.....	3
ECO 322 Environmental Economics	3
EES 315 Environmental Science and Society	3
EES 323 Drinking Water Management	3
PSC 351 Environmental Politics and Policy.....	3

Required Capstone- 3 credits

EES 402 Sustainability Issues in Geosciences.....	3
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Total Credits.....60 to 63

Recommended Electives

For students wanting to go beyond the above required courses, the following are appropriate options:

- CHE 216 Organic Chemistry I with Lab
- CHE 217 Organic Chemistry II with Lab
- CSC 110 Introduction to Computing and Problem Solving
- CHE 310 Environmental Chemistry
- CHE 320 Quantitative Chemical Analysis with Lab
- EES 392 Environmental Earth Science Practicum

- EES 480 Independent Study in Earth Science
- EES 486 Environmental Earth Science Research
- EES 491 Internship in Environmental Earth Science
- MAT 244 Calculus II with Technology
- MAT 340 Calculus III with Technology

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 science, mathematics, physical science, physics, and political science.

FINANCE

Economics and Finance Department
 Department Chair: Maryanne Clifford

The goal of the Finance program at Eastern is to graduate students who understand the impact of finance issues on business, society, and government affairs. The Finance program exposes students to the core areas of finance, develops their communication skills, and enhances students’ ability to ethically solve complex problems in a private, public, or nonprofit organization. Eastern finance graduates acquire distinctive integration of quantitative, critical thinking, and creative problem-solving skills and knowledge of finance to effectively work in the environments of their choosing. Recent graduates have been much in demand and hold positions in brokerage firms, insurance companies, foreign exchange trading firms, and the banking industry.

GPA Requirements

A Finance major whose cumulative GPA falls below 2.5 for two consecutive semesters will be dismissed from the program.

Transfer Policy

The Economics and Finance Department extends a warm welcome to transfer students from within Connecticut, and from other states and countries. Check with one of our advisors on all transfer questions related to the major. Our department residency requirement is 24 credits.

Degree Requirements

Related Course Requirements

ACC 201 Principles of Accounting I.....	3
BIS 205 Management of Business Information	3
ECO 200 Introductory Macroeconomics	3
ECO 201 Introductory Microeconomics	3
ECO 215 Statistics for Business and Economics	3

Required Courses

ACC 202 Principles of Managerial Accounting.....	3
BUS 250 Business Law I.....	3
ECO 245^ Research Methods	3
ECO 325 Money and Banking.....	3
FIN 245 Business Finance	3
FIN 346 Investment Analysis	3
FIN 437 International Financial Management	3
FIN 445 Case Studies in Financial Management	3
FIN 462^^ Seminar in Finance (cross listed).....	3
FIN 490 Internship in Finance (cross listed)	3

BANKING AND REAL ESTATE CONCENTRATION

Choose 3:

FIN 335 Financial Management	3
FIN 349 Real Estate Finance	3
FIN 438 Bank Management	3

FIN 446 Financial Derivatives	3
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INVESTMENT CONCENTRATION

Choose 3:

FIN 348 Personal Financial Planning.....	3
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FIN 435 Portfolio Management.....	3
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FIN 446 Financial Derivatives	3
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FIN 447 Wealth Management.....	3
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^meets Stage 2 University Writing Requirement (must complete two courses) ^meets Stage 3 University Writing Requirement

GENERAL STUDIES

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

The Bachelor of General Studies (B.G.S.) is a flexible degree program offered at Eastern and is available to both full-time and part-time students. In order to be eligible for the B.G.S. program, students must have completed 60 or more credits. Upon entry to the B.G.S. program, each student completes a plan of study with a professional advisor. This plan must be submitted and approved by the coordinator of the B.G.S. program and the associated Dean. The student's proposed plan of study will ensure that all degree and University requirements will be met.

Degree completion requires 120 credits; a minimum of 30 of these credits must be taken at Eastern. Transfer credits from other colleges and universities can be incorporated into the B.G.S. degree.

Credits may be earned through one or a combination of nontraditional learning programs such as CLEP (College Level Examination Program), the DSST testing program, and the American Council on Education (ACE) credits for military training.

For further information about the B.G.S. program, contact the Advising Center at (860) 465-4526.

Requirements for the Bachelor of General Studies Degree

Eastern's Liberal Arts Curriculum (ELAC)up to 40 credits

B.G.S. Major Concentration 30 credits

Note: A minimum of 15 credits in the major concentration must be taken from Eastern; also a minimum of 15 credits in the major concentration must be numbered 300-level or higher.

B.G.S. Minor Concentration 15 credits

Electives as needed

Total minimum for the B.G.S. degree120 credits

Additional University Requirements for the Bachelor of General Studies degree:

University Writing Requirements

Transfer students entering Eastern with fewer than 75 credits must satisfy all three stages of the University Writing Requirements.

Upper Division Requirement

Of the 120 credits for the baccalaureate degree, 60 must be in courses numbered 200 or higher, and at least 30 credits must be at 300-level or higher.

Residency Requirement

Eastern Connecticut State University requires that a minimum of 30 credits be taken at Eastern.

Honors Residency Requirement

Students graduating with a cumulative grade point average of 3.5 or higher who have completed a minimum of 45 credits in residence at Eastern are eligible for university honors of cum laude, magna cum laude, or summa cum laude. Students graduating with less than 45 credits in residence receive the Dean's Distinction Award.

HEALTH SCIENCES

Department of Health Sciences and Nursing

Department Chair: Yaw Nsiah

Assistant Chair: Amy Bataille

Objectives

The Health Sciences Major (HSC) consists of three main concentrations: Public Health, Allied Health, and Exercise and Sport Science. It is designed to build upon supporting courses in chemistry, mathematics, kinesiology and physical education, biology, sociology, health informatics, healthcare management, and psychology to prepare students for careers in the healthcare field. Much of the coursework utilizes the scientific method and emphasizes skills in analysis, evaluation, and critical thinking. Students are prepared to demonstrate their ability to use appropriate scientific equipment and familiarity with the standard array of lab techniques. This is accomplished by offering upper-level courses that are more focused, with emphasis on health-related and physiologically based topics.

The HSC major prepares students for entrance into graduate schools and professional health schools, such as but not limited to physical therapy, occupational therapy, public health, nursing, and physician assistant. It provides students with practical skills that can qualify them for entry-level positions in scientific and health-related occupations. In addition, this major prepares students to demonstrate the ability to integrate community service with career advising, student involvement, leadership development, recreation, and other extracurricular opportunities.

Program facilities in Eastern's state-of-the-art Science Building include an Anatomage Virtual Human Dissection Table and other specialized labs. The only program of its kind within the Connecticut State University system, the HSC Major offers seamless transfer from a number of Connecticut Community College programs, via the Transfer Articulation Pathway (TAP).

Students from outside the major may be interested in a variety of minor programs offered by our department: Public Health, Allied Health, Sport Coaching, Paramedic Science, and Medical Interpretation in Spanish. Students can also take selected courses that prepare them for licensure as an Emergency Medical Technician or a Strength and Conditioning professional.

Degree Requirements

The major curriculum consists of a common core group of courses followed by specific coursework in a selected area of concentration for a total of 51-58 credits.

Program Core Courses Required for all Concentrations

HSC 215 Biology for Health Sciences.....	4
HSC 225 Medical Terminology	4
PSY 212 Lifespan Development.....	3
MAT 216 Statistical Data Analysis.....	4
BIO 304 Genetics and Society	3
BIO 314 Genetics and Society Lab	1
BIS 362 Healthcare Informatics.....	3
HSC 438^^ Current Issues in Health Sciences Seminar.....	3
Choose one:.....	3/4
HSC 302^ Research Methods in Health Sciences.....	4
HSC 400 Quantitative Research Methods for Health Sciences	4

PUBLIC HEALTH CONCENTRATION

Required Courses (22 credits)

PBH 330 Principles of Global Health.....	3
PBH 333 Principles of Healthcare Systems	3
PBH 350 Principles of Community Health.....	3
PBH 402 Program Planning and Evaluation.....	3
PBH 494 Field Internship in Public Health.....	3
BIO 301 Microbes and Your Health.....	3
BIO 302 Microbes and Your Health Laboratory.....	1
HSC/BUS 255 Health Communication and Social Marketing.....	3

Concentration Electives

Choose three (9 credits):

COM 464 Public Relations Crisis Management	3
EES 323 Drinking Water Management	3
HPE 326 Stress Management.....	3
HSC 235 Conflicts in Native American Health.....	3
HSC 306 Health Policy.....	3
HSC/PBH 309 Exercise, Nutrition, and Body Weight.....	3
HSC 404 Infection, Immunity, and Inflammation.....	3
HSC/SPA 415 Spanish Medical Interpreting and Translation.....	3
PBH 311 Emergency Preparedness and Response.....	3
PBH 340 Non-Governmental Organizations in Public Health.....	3
PBH 345 Chronic Diseases Control and Prevention	3
PBH 414 Violence and Injury in Public Health	3
PBH 441 Regulatory Affairs in Public Health.....	3
PSY 301 Abnormal Psychology.....	3
PSY 302 Psychopathology of Childhood	3
SOC 311 Drugs and Society.....	3
SOC 312 Sociology of Mental Illness.....	3
SWK 344 Substance Abuse	3
SWK 375 Health Promotion and Prevention.....	3

ALLIED HEALTH CONCENTRATION

Required Courses

Choose one:

BIO 301/302 Microbes and Your Health Lecture and Laboratory	4
HSC 425 Microbiology for Health Sciences	4
BIO 334 General Microbiology with Laboratory.....	4
HSC/HPE 318 Anatomy and Physiology I.....	4
HSC/HPE 319 Anatomy and Physiology II.....	4
CHE 210 General Chemistry I Lecture.....	3
CHE 212 General Chemistry I Lab	1
CHE 211 General Chemistry II Lecture	3
CHE 213 General Chemistry II Lab.....	1

Concentration Electives

Choose 12 credits:

BUS 201 Principles of Management.....	3
BUS 350 Healthcare Management.....	3
CHE 216 Organic Chemistry I with Lab.....	4
CHE 217 Organic Chemistry II with Lab	4
CHE 316 Biochemistry I.....	3
HSC/BUS 255 Health Communication & Social Marketing	3
HSC 210 Introduction to Kinesiology	3
HSC 308 Principles of Toxicology	3
HSC 356 Exercise Physiology.....	3
HSC 357 Exercise Physiology Lab.....	1
HSC 360 Physical Therapeutic Science with Lab	4

HSC 400 Quantitative Research Methods for Health Sciences	3
HSC 404 Infection, Immunity, and Inflammation.....	3
HSC 408 Principles of Pharmacology.....	3
HSC 420 Pathobiomechanics in Allied Health	3
HSC 450 Seminar in Human Performance.....	3
PBH 345 Chronic Diseases Control and Prevention	3
MAT 243 Calculus I with Technology	4
PHY 204 General Physics I with Lab.....	4
PHY 205 Physics II with Lab	4
PSY 301 Abnormal Psychology.....	3
PSY 325 Health Psychology.....	3
SOC 307 Deviance.....	3
SOC 311 Drugs & Society	3
SOC 312 Sociology of Mental Illness.....	3

EXERCISE AND SPORT SCIENCE CONCENTRATION

Required Courses

HSC 210 Introduction to Kinesiology	3
HSC/HPE 318 Anatomy and Physiology I	4
HSC/HPE 319 Anatomy and Physiology II.....	4
HSC 342 Sports Psychology.....	3
HSC 356 Exercise Physiology.....	3
HSC 357 Exercise Physiology Lab.....	1
HSC 450 Seminar in Human Performance.....	3

Concentration Electives

Choose 6-7 credits:

HSC 120 First Aid/CPR.....	1
HSC 307 Strength and Conditioning.....	3
HSC/PBH 309 Exercise, Nutrition, and Body Weight.....	3
HSC 320 Sports Nutrition	3
HSC 332 Coaching Youth Sports.....	3
HSC 334 Motor Learning	3
HSC 360 Physical Therapeutic Science with Lab	4
HSC 370 Athletic Training	3
HSC 420 Pathobiomechanics in Allied Health	3

[^]meets Stage 2 University Writing Requirement ^{^^}meets Stage 3 University Writing Requirement

HISTORY

History Department
Department Chair: Caitlin Carenen
Assistant Chair: Scott Moore

Objectives

The liberal arts History Major is planned to achieve several goals:

1. to achieve 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

The history 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. Combining history with an American Studies concentration provides students the opportunity to pursue a multidisciplinary course of study that focuses on American life and culture.

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 initiate 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 chair. All students taking 300 or 400-level courses should first complete HIS 200.

Degree Requirements

B.A. History, No Concentration

Required Courses

HIS 101 History Professionalism	1
HIS 120 American Origins	3
HIS 121 Making Modern America.....	3
HIS 200^ Historical Research and Writing.....	4
HIS 230 The Birth of Europe	3
HIS 231 The Making and Breaking of Europe	3
HIS 401 History as a Career.....	1

Major Electives

Complete 18 credits.

A minimum of six history electives at the 200, 300, and 400 levels. 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.

Seminar^^

One seminar (HIS 400, 406, 407, or 420). This satisfies the university's requirement for a writing-intensive course.

AMERICAN STUDIES CONCENTRATION

History with a concentration in American Studies provides options to diversify the study of American society and culture by choosing a variety of courses in U.S history and literature, art, political science, sociology, and other disciplines that study the United States in its broadest aspects.

History with American Studies concentration is a flexible program that allows you to pursue interests in American history and culture while preparing for a career. History/American Studies graduates often seek certification in Elementary, Middle School, and Secondary Education. They also enter graduate school in a variety of fields, including law. Other areas include government and public service, public history, journalism and publishing, and library science.

Required Courses

HIS 101 History Professionalism	1
HIS 120 American Origins.....	3
OR	
HIS 121 Making Modern America.....	3
AMS/HIS 251 Introduction to American Society	3
HIS 200^ Historical Research and Writing.....	4
HIS 401 History as a Career	1

History Electives

A minimum of five history electives at the 200-level or above (Excluding HIS 310); at least three of which must be U.S. History and at least three of which must be at the 300-level.

American Studies Electives

Three American Studies electives from the approved list or approved by the coordinator for American Studies.

Seminar^^

Choose one:

HIS 420 Seminar in American Civilization.....4

HIS 400 Seminar in U.S. History.....4

^meets Stage 2 University Writing Requirement ^^meets Stage 3 University Writing

Requirement Recommended Course Sequence

Check all course descriptions for prerequisites before planning your course schedule.

First Year

ENG 100 College Writing.....3

MAT 135 Math for Liberal Arts3

HIS 101 History Professionalism1

HIS 120 American Origins3

HIS 121 Making Modern America3

General Electives 14-17

Total for Year30 credits

Second Year

HIS 200 Historical Research and Writing4

HIS 230 The Birth of Europe3

HIS 231 The Making and Breaking of Europe3

HIS 2**/3** History Electives.....3

Minor 0-3

General Electives 9-18

Total for Year 30 credits

Third Year

HIS 2**/3** History Electives.....6-12

Minor 0-9

General Electives 9-21

Total for Year 30 credits

Fourth Year

HIS 3**/4** History Electives.....9

HIS 400-421 Seminar4

Minor.....0-9

General Electives.....15-18

HIS 401 History as a Career1

Total for Year30 credits

HISTORY AND SOCIAL SCIENCE

History Department
Department Chair: Caitlin Carenen
Assistant Chair: Scott Moore

Degree Requirements

Required Courses

HIS 101 History Professionalization.....	1
HIS 200^ Historical Research and Writing.....	4
HIS 401 History as a Career.....	1
Choose one:	
HIS 115 Intro Early World History.....	3
HIS 116 Modern World History.....	3
Choose one:	
HIS 120 American Origins.....	3
HIS 121 Making Modern America.....	3
Choose one: 3	
HIS 230 The Birth of Europe	3
HIS 231 The Making and Breaking of Europe	3

History Electives

Complete 15 credits of History courses.

Only one of these electives may be taken at the 200-level. Two of these electives must be in courses with substantial United States content (excluding HIS 310); two must be in courses with significant course content covering parts of the world other than the U.S. (Europe, Asia, or Latin America). The fifth elective may come from any area. Students with questions about course selection should check with the History Department or with their major advisor.

Social Science Electives

Complete 12 credits of Social Science Electives. Majors select four 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

Seminar^^

One seminar (HIS 400, 406, 407, or 420). This fulfills the University requirement for a writing-intensive course.

^meets Stage 2 University Writing Requirement ^^meets Stage 3 University Writing Requirement

Recommended Course Sequence: History and Social Science Major (B.A.)

Check all course descriptions for prerequisites before planning the course schedule

First Year

ENG 100 College Writing.....	3
MAT 135 Math for Liberal Arts	3
Electives.....	9-12
HIS 101 Historical Professionalism	1
HIS 120/121 American Origins/Making Modern America	0-3
HIS 115/116 Experience Early/Modern World	0-3
History Social Science Electives	3-9
Total	30 credits

Second Year

HIS 230/231 The Birth of Europe/The Making and Breaking of Europe	3
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HIS 200 Historical Research and Writing	4
HIS 2/3XX History Electives	3-6
Social Science Electives.....	3-6
Minor.....	0-3
Electives.....	9-12
Total	30 credits
Third Year	
HIS 3XX History Electives	3-6
Social Science Electives.....	3-6
Minor	0-6
Elective	9-24
Total	30 credits
Fourth Year	
HIS 3XX History Electives	3-6
HIS 4XX Seminar	3-4
Minor/Electives	15-21
HIS 401 History as a Career.....	1
Total	30 credits

INDIVIDUALIZED MAJOR

Requirements accurate as of August 1, 2024

See academic program web pages at www.easternct.edu for updates.

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 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 a student's ability to integrate method and content from two or more academic [T(aS1)] disciplines while meeting their [T(aS2)] [T(aS3)] 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. Students must have a minimum 2.7 GPA to apply for the individualized major and must obtain a minimum grade of C in courses counted towards the major.

The individualized major consists 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 should come from one discipline and consist of courses designed for the departmental major. 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 reflect 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)." The discipline in which the student proposes to take the most credits, their plan of study determines 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 student must take or have previous credit for any courses that are Prerequisites for courses listed in their [T(aS4)] Individualized Major Plan of Study. The responsibility of fulfilling University and individualized major 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 develop a plan of study that consists of at least 36 credits in at least two or more disciplines (see Eligibility Requirements below); 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; and submit the proposed plan of study for review and approval signature to:

- Their faculty advisor
- Each department in which the student is taking 15 or more credits towards the major, and the dean of their school, who will forward the original to the Registrar's Office
- 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:

- 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.
- 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.
- If a student selects an individualized major as a double major, they must declare the individualized major by the completion of 76 credits and the plan of study cannot include courses that would also count toward the other major.
- In no case will an individualized major be approved in the final semester of a student's attendance.

LIBERAL STUDIES

Education Department
Program Coordinator: Laura Rodriguez

Objectives

The Liberal Studies major is exclusively offered to students who intend to study Elementary Education of Early Childhood Education. This includes students who have indicated their intention of pursuing certification by declaring pre-Elementary Education or pre-Early Childhood Education as a major, students who have been admitted to one of those majors through the CARE admission process, and students who intend to enroll in the Early Start Master's Program in Elementary Education or Early Childhood Education. It is not open to other students. This program offers concentrations in the Earth Science, Natural Sciences, Social Sciences, English Language Arts, and Mathematics to prepare Eastern students for certification as early childhood or elementary education teachers. Students enrolled in the Liberal Studies major who were admitted to the Early Childhood or Elementary Education certification programs through the CARE admission process, but who are afterwards dismissed from the CARE program, may complete the Liberal Studies major for graduation. Liberal Studies majors who intend to earn teacher certification through the Early Start Master's program need to complete that program's prerequisite courses during their first sixty credits (or, for students who transfer to Eastern with 60 or more credits, within their first 30 credits at Eastern) in order to remain in the Liberal Studies major.

Core courses range from economics to mathematics, biology, U.S. government, children's literature, and history. By enhancing the content knowledge expected of Eastern's teacher candidates, the program aligns with certification regulations and accreditation standards, while giving students a stronger foundation in preparation for passing their Praxis II exam.

Liberal Studies majors complete 34 credits of core courses, 18-21 credits of courses in an area of concentration, and a three- or four-credit capstone course for a total of 52-55 credits. Each student must select a concentration and complete the courses required for that concentration. Students must also complete Eastern's Liberal Arts Core.

Important Notes About ELAC Foundational Math Requirement

- All Liberal Studies majors (except those with a concentration in Mathematics) must take MAT 139P as their ELAC Foundational Mathematics course.
- Those in the Mathematics concentration should take MAT 155 or 155P (depending on placement) as their Foundational Mathematics course (if they do not place directly into MAT 243). Those placed into MAT 243 should take it as their Foundational Mathematics course and work with their advisor to choose another MAT course to complete the concentration.

Degree Requirements

Liberal Studies majors complete the following core course and the courses for the selected concentration. A grade of C or better is required for each course in the core and concentration.

Core Courses

Choose one:

ECO 200 Introductory Macroeconomics#	3
GEO 100 Introduction to Geography#	3
PSC 110 American Government and Politics#.....	3

Choose one:

HIS 120 American Origins	3
HIS 121 Making Modern America	3
HIS 310 Great Issues: Survey of American History ##	3

Choose one:

EES 104/112 Dynamic Earth and Lab.....	4
EES 110/112 Introduction to Geology and Lab.....	4
EES 220/112 Environmental Geology and Lab.....	4
ENG 177 Reading Closely.....	3
ENG 328 Children's Literature	3
ENG 338 Linguistic Analysis	3

Choose one:

HIS 115 Early World History.....	3
HIS 116 Modern World History	3
MAT 140 Geometry and Probability for.....	3
Elementary School Teaching	
MAT 217 Statistics for Liberal Arts###	3
PHS 105 Introductory Physical Sciences	3
BIO 304 Genetics and Society	3

##Students must take the ECO/GEO/PSC placement test and speak to their academic advisor before choosing which of these courses to take.

##History/Social Sciences student take HIS 120 or 121 ###Mathematics students take MAT 315 instead of 217

EARTH SCIENCE CONCENTRATION

EES 130^ Ancient Environments with Laboratory	4
EES 205 Sustainable Energy and the Environment.....	3
EES 224^ Landform Analysis with Laboratory	4

Choose one:

EES 330 Mineralogy and Rock with Laboratory	4
EES 340 Geographic Information Systems with Lab.....	4
EES 344 Sedimentology and Stratigraphy with Laboratory.....	4
EES 424 Glacial and Quaternary Geology.....	4
EES 456 Coastal Geologic Process and Hazards	4

Choose one: 3-4

EES 204 Global Climate Change.....	3
EES 222 Water and Society	3
EES 305 Energy Resources and Conservation	3
EES 315 Environmental Science and Society	3
EES 323 Drinking Water Management	3
LSM 400^^ Senior Seminar in Liberal Studies.....	3

^meets Stage 2 University Writing Requirement for Earth Science Concentration (must complete both)

^^meets Stage 3 University Writing Requirement for Earth Science Concentration

ENGLISH CONCENTRATION

Required Courses

ENG 190 Writing Approaches and Techniques.....	3
ENG 290! Writing Process and Craft.....	3
ENG 223 Survey of American Literature	3
ENG 277 Reading Critically	3
LSM 400!! Senior Seminar in Liberal Studies	3

Reading Culture

Choose one:

ENG 242 Literature and Cultural Studies	3
ENG 252 Literature and Culture of the Harlem Renaissance.....	3
ENG 255 African American Literature.....	3
ENG 256 Native American Literature	3
ENG 258 Asian American Literature	3
ENG 259 Chicano/Chicana Literature and Culture	3
ENG 310 Contemporary African American Poetry.....	3
ENG 313 Native American Novel	3
ENG 314 Indigenous Studies.....	3
ENG 228 Poetry of Women.....	3
ENG 352 Lesbian Literature.....	3
ENG 357 20th Century Women Writers.....	3

Concentration Elective

Choose one course at the 300-level in English.

!meets Stage 2 University Writing Requirement for English Concentration

!!meets Stage 3 University Writing Requirement for English Concentration

HISTORY/SOCIAL SCIENCE CONCENTRATION

Choose one:

HIS 200@ Historical Research and Writing.....4

PSC 201@ Applied Qualitative Methods3

Choose one:

HIS 230 The Birth of Europe3

HIS 231 The Making and Breaking of Europe.....3

Choose one History course at the 300-level in a Non-U.S History area3

Choose one History course at the 300-level in a U.S. History area.....3

Choose any one History course at the 300-level.....3

PSC 300 Ideological Divisions in the U.S.....3

Seminar in History or Political Science:

@@HIS 400, 406, 407, 420 for students who
successfully completed HIS 2004

@@PSC 460 for students who successfully completed PSC 201.....4

@meets Stage 2 University Writing Requirement for History/ Social Science Concentration

@@meets Stage 3 University Writing Requirement for History/ Social Science Concentration

MATHEMATICS CONCENTRATION\$\$

MAT 230 Discrete Structures.....3

MAT 243 Calculus I with Technology4

MAT 244 Calculus II with Technology.....4

MAT 310 Applied Linear Algebra.....3

MAT 315% Applied Probability and Statistics.....4

MAT 362 Advanced Mathematics for Elementary School Technology3

LSM 400% Senior Seminar Liberal Studies.....3

\$\$Math students take MAT 315 instead of 217. This course is included in the course for the Math concentration, so Math students take 35 credits of core courses.

%meets Stage 2 University Writing Requirement for Mathematics Concentration

%%meets Stage 3 University Writing Requirement for Mathematics Concentration

NATURAL SCIENCE CONCENTRATION

BIO 200 Ecology and the Environment.....	3
BIO 202 Human Biology Lecture	3
LSM 250~ Science Writing	3
LSM 400~~ Senior Seminar in Liberal Studies	3
Choose 3:	
AST 214 Descriptive Astronomy with Lab.....	4
EES 204 Global Climate Change.....	3
EES 205 Sustainable Energy and the Environment.....	3
BIO 301 Microbes and Your Health.....	3
BIO 302 Microbes and Your Health Lab (optional)	1
CHE 200 Introductory Chemistry with Lab.....	4
CHE 205 Chemistry of Life with Lab	4
<i>~meets Stage 2 University Writing Requirement for Natural Science Concentration</i>	
<i>~~meets Stage 3 University Writing Requirement for Natural Science Concentration</i>	

Exit Portfolio

Liberal Studies majors must complete a non-graded exit portfolio in order to graduate. Details of the exit portfolio can be obtained from the program director or via the program website. The program director will report completion of the exit portfolio to the Registrar. For students graduating in December, portfolios are due no later than the Friday of the final exam week. For students graduating in May, portfolios are due by February 15.

MATHEMATICS

Mathematic Sciences Department
Department Chair: Megan Heenehan

Objectives

The Mathematical Sciences department offers students a mathematics major with five concentrations, all enhanced to meet the needs of today's workforce and graduate programs. Working in conjunction with their faculty advisor from the Mathematical Sciences Department, the curriculum allows students to select a plan that best suits their needs and goals. Concentrations are designed for those who wish to pursue careers as an actuary, data scientist, technical careers in industry or government, high school mathematics teacher or elementary school teacher, or for those who wish to attend graduate school. All concentrations contain a common core of seven courses providing a strong mathematical foundation.

Degree Options

Bachelor of Arts (B.A.)

There are two concentrations that lead to a Bachelor of Arts in Mathematics.

B.A. in Mathematics with a Concentration in Mathematical Structures and Applications: provides a solid mathematical foundation for students who are interested in the general field of Mathematics. It prepares students for a variety of careers in business, finance, and research. It offers an excellent plan of study for transfer students and an achievable double major, particularly attractive to economics, computer science, or business students.

B.A. in Mathematics with a Concentration in Math for Teaching is designed for those in primary or secondary teacher education programs. This concentration is also an excellent choice for double majors in Mathematics and Elementary Education. For students looking for a career in math, this offering is designed to support the steady demand for teachers in the STEM fields.

Bachelor of Science (B.S.)

The course offerings for the Bachelor of Science degrees prepare students who are interested in a specific mathematical field or who are interested in continuing on to graduate school. There are three concentrations under the Bachelor of Science Degree.

B.S. in Mathematics with a Concentration in Mathematical Structures and Applications: provides upper-level electives designed to prepare students for graduate school or for careers requiring more advanced analytical skills.

B.S. in Mathematics with a Concentration in Actuarial Science: contains a series of courses that are recommended to students who are interested in the field of actuarial science. Courses prepare students to sit for the first two actuarial exams.

B.S. Mathematics with a Concentration in Data Science: combines courses in computer science, statistics, and other interdisciplinary science fields that are required to prepare students for a career in the field of data science.

Degree Requirements

Degree requirements total 44-53 credits, as indicated below. In 300- or 400-level Mathematics-major courses, either a minimum grade of C in each course or a minimum average of C+ must be earned in all courses.

Program Core Courses Required for all Concentrations

MAT 230 Discrete Structures	3
MAT 243 Calculus I with Technology	4
MAT 244 Calculus II with Technology	4
MAT 310 Applied Linear Algebra	3
MAT 315^ Applied Probability and Statistics.....	4
MAT 340 Calculus III with Technology	4
MAT 420^^ Real Analysis I.....	4
<i>^meets Stage 2 University Writing Requirement ^^meets Stage 3 University Writing Requirement</i>	

B.A. MATHEMATICAL STRUCTURES AND APPLICATIONS CONCENTRATION

Required Courses

MAT 320 Number Theory	3
MAT 380 Geometry.....	3
MAT 400 Abstract Algebra.....	3
MAT 421 Real Analysis II.....	3

Concentration Electives

Choose two courses in Mathematics numbered over 300. This cannot include MAT 303, MAT 362, MAT 372, or any internships. Students in this concentration may also count CSC 202 or 210 as one of their electives.

Recommended Course Sequence

B.A. Mathematical Structures and Applications

Check all course descriptions for prerequisites before planning your course schedule.

First Year

MAT 155/P Precalculus/Plus	0-5
MAT 243 Calculus I with Technology	4
MAT 230 Discrete Structures	3
ENG 100/P College Writing/Plus	3-5
ELAC Requirements.....	8-20
Total for Year	30 credits

Second Year

MAT 244 Calculus II with Technology.....	4
MAT 320 Number Theory	3
MAT 340 Calculus III with Technology	4
MAT 380 Geometry.....	3
ELAC Requirements.....	10-16
Foreign Language	0-6
Total for Year	30 credits

Third Year

MAT 310 Applied Linear Algebra	3
MAT 315 Applied Probability and Statistics.....	4
MAT 400 Abstract Algebra.....	3
MAT 3** Mathematics Elective	3
General Electives or Minor.....	17
Total for Year	30 credits

Fourth Year

MAT 420 Real Analysis I	4
MAT 421 Real Analysis II.....	3
MAT 3** Mathematics Elective	3
General Electives or Minor	17
Total for Year	30 credits

B.A. MATHEMATICS FOR TEACHING CONCENTRATION

Required Courses

MAT 320 Number Theory	3
MAT 372 Advanced Mathematics for High School Teaching.....	3
MAT 380 Geometry.....	3
MAT 395 History of Mathematics.....	3
MAT 400 Abstract Algebra I	3

Concentration Electives

Choose one course in Mathematics numbered over 300. This cannot include MAT 303 or any internship. Students in this concentration may also count CSC 202 or 210 as one of their electives. Students who choose and complete the elementary education option may use EDU 411 Methods in Elementary Mathematics and Science as an elective.

Recommended Course Sequence

B.A. Mathematics for Teaching Concentration

Check all course descriptions for prerequisites before planning your course schedule.**First Year**

MAT 155/P Precalculus/Plus	0-5
MAT 243 Calculus I with Technology	4
MAT 230 Discrete Structures	3
ENG 100/P College Writing/Plus.....	3-5
ELAC Requirements.....	13-20
Total for Year	30 credits

Second Year

MAT 244 Calculus II with Technology.....	4
MAT 320 Number Theory	3
MAT 340 Calculus III with Technology	4
MAT 380 Geometry.....	3
ELAC Requirements.....	10-16
Foreign Language Requirement.....	0-6
Total for Year	30 credits

Third Year

MAT 310 Applied Linear Algebra	3
MAT 315 Applied Probability and Statistics.....	4
MAT 372 Advanced Mathematics for High School Teaching.....	3
MAT 395 History of Mathematics.....	3
EDU CORE I and II	21
Total for Year	34 credits

Fourth Year

MAT 420 Real Analysis I	4
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MAT 400 Abstract Algebra.....	3
MAT 3** Mathematics Elective	3
EDU CORE III and IV.....	18-21
Total for Year	28-31 credits

B.S. MATHEMATICAL STRUCTURES AND APPLICATIONS CONCENTRATION

Required Courses

MAT 320 Number Theory	3
MAT 380 Geometry.....	3
MAT 400 Abstract Algebra I	3
MAT 421 Real Analysis II.....	3

Choose one:

CSC 202 Introduction to Programming and Machine Intelligence.....	3
CSC 210 Computer Science and Programming I.....	3

Concentration Electives

Choose four additional MAT electives (12 credits); at least one must be from Category A and at least one from Category B.

Category A

MAT 355 Probability	3
MAT 360 Topics in Mathematics.....	3
MAT 371 Explorations in Graph Theory.....	3
MAT 374 Explorations in Topic	3
MAT 390 Explorations in Knot Theory	3
MAT 422 Advanced Topics in Analysis	3
MAT 440 Topology	3
MAT 450 Complex Variables.....	3
MAT XXX Approved Category A Course	3

Category B

MAT 341 Differential Equations.....	3
MAT 342 Explorations in Data Science	3
MAT 343 Explorations in Data Analytics	3
MAT 345 Optimization.....	3
MAT 350 Numerical Analysis.....	3
MAT 353 Introduction to Wavelets.....	3
MAT 355 Probability	3
MAT 356 Financial Mathematics.....	3
MAT 360 Topics in Mathematics.....	3
MAT 370 Operations Research	3
MAT 373 Explorations in Mathematical Biology.....	3
MAT 374 Explorations in Topic	3
MAT XXX Approved Category B Course	3

Recommended Course Sequence

B.S. Mathematical Structures and Applications

Check all course descriptions for prerequisites before planning your course schedule.

First Year

MAT 155/P Precalculus/Plus	0-5
MAT 243 Calculus I with Technology	4

MAT 230 Discrete Structures	3
ENG 100/P College Writing/Plus	3-5
ELAC Requirements.....	8-20
Total for Year	30 credits

Second Year

MAT 244 Calculus II with Technology	4
MAT 320 Number Theory	3
MAT 340 Calculus III with Technology	4
MAT 380 Geometry.....	3
ELAC Requirements.....	10-16
Foreign Language	0-6
Total for Year	30 credits

Third Year

MAT 310 Applied Linear Algebra	3
MAT 315 Applied Probability and Statistics.....	4
MAT 3** Mathematics Electives	6
CSC 202/210 Computer Science and Programming OR	3
Introduction to Programming and Machine Intelligence	
General Electives or Minor	14
Total for Year	30 credits

Fourth Year

MAT 400 Abstract Algebra.....	3
MAT 420 Real Analysis I	4
MAT 421 Real Analysis II.....	3
MAT 3** Mathematics Elective	6
General Electives or Minor	14
Total for Year	30 credits

B.S. ACTUARIAL SCIENCE CONCENTRATION

Required Courses

MAT 342 Explorations in Data Science	3
MAT 355 Probability	3
MAT 356 Financial Mathematics.....	3
MAT 421 Real Analysis II.....	3

Choose one:

CSC 202 Introduction to Programming and Machine Intelligence	3
CSC 210 Computer Science and Programming I	3

Choose one:

CSC 305 Data Mining and Machine Learning	3
MAT 343 Explorations in Data Analytics	3

Choose one:

MAT 320 Number Theory	3
MAT 380 Geometry.....	3

Recommended Course Sequence

B.S. Actuarial Science Concentration

Check all course descriptions for prerequisites before planning your course schedule.

First Year

MAT 155/P Precalculus/Plus	3-5
MAT 243 Calculus I with Technology	4
MAT 230 Discrete Structures	3
ENG 100/P College Writing/Plus	3-5
ELAC Requirements	8-20

Total for the Year 30 credits

Second Year

MAT 244 Calculus II with Technology	3
MAT 320 Number Theory	3
OR	
MAT 380 Geometry	3
MAT 340 Calculus III with Technology	4

Choose one:

CSC 202 Introduction to Programming and Machine Intelligence.....	3
CSC 210 Computer Science and Programming I	3

OR

CSC 210 Introduction to Programming and Machine Intelligence	
ELAC Requirements.....	10-16
Foreign Language	0-6

Total for Year 30 credits

Third Year

MAT 310 Applied Linear Algebra.....	3
MAT 315 Applied Probability and Statistics	4
MAT 342 Explorations in Data Science.....	3
Pair of Courses for Concentration	6
General Electives or Minor	14

Total for Year 30 credits

Fourth Year

MAT 355 Probability	3
MAT 366 Financial Mathematics.....	3
MAT 420 Real Analysis I	4
CSC 305/MAT 343 Data Mining and Machine Learning OR.....	3
Explorations in Data Analytics	
General Electives or Minor	17

Total for Year 30 credits

B.S. DATA SCIENCE CONCENTRATION

Required Courses

MAT 342 Explorations in Data Science.....	3
MAT 421 Real Analysis II.....	3

Choose One Pair:

CSC 210 Computer Science and Programming I	3
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and CSC 231 Computer Science and Programming II OR
 CSC 202 Introduction to Programming and Machine Intelligence.....3
 and CSC 203 Advanced Programming for Data Science

Choose one:

CSC 305 Data Mining and Machine Learning.....3
 MAT 343 Explorations in Data Analytics.....3

Choose one:

MAT 320 Number Theory3
 MAT 380 Geometry.....3

Concentration Electives

Choose three additional MAT electives (9 credits); at least one must be from Category A.

Category A

MAT 343 Explorations in Data Analytics.....3
 MAT 353 Introduction to Wavelets.....3
 MAT 355 Probability3
 MAT 356 Financial Mathematics.....3
 MAT 360 Topics in Mathematics.....3
 MAT 373 Explorations in Mathematical Biology3
 MAT 374 Explorations in Topic3
 CSC 314 Introduction to Bioinformatics3
 CSC 315 Genomic Data Analysis3
 CSC 360 Topics in Computer Science(approved)3
 ECO 305 Introduction to Econometrics3

Category B

MAT 320 Number Theory3
 MAT 341 Differential Equations.....3
 MAT 345 Optimization.....3
 MAT 350 Numerical Analysis3
 MAT 370 Operations Research3
 MAT 371 Explorations in Graph Theory3
 MAT 374 Explorations in Topic3
 MAT 380 Geometry.....3
 MAT 400 Abstract Algebra3
 MAT 440 Topology3
 MAT 450 Complex Variables.....3

Recommended Course Sequence

B.S. Data Science Concentration

Check all course descriptions for prerequisites before planning your course schedule.

First Year

MAT 155/P Precalculus/Plus.....	0-5
MAT 243 Calculus I with Technology.....	4
CSC 210/202 Computer Science and Programming I.....	3
Introduction to Programming and Machine Intelligence	
ENG 100/P College Writing/Plus.....	3-5
ELAC Requirements.....	13-20
Total for Year.....	30 credits

Second Year

MAT 230 Discrete Structure	3
MAT 244 Calculus II with Technology	4
MAT 320/380 Number Theory or Geometry	3
MAT 340 Calculus III with Technology	4
CSC 231/203 Computer Science and Programming II OR	3
Advanced Programming for Data Science	
ELAC Requirements.....	10-16
Foreign Language	0-6
Total for Year.....	30 credits

Third Year

MAT 310 Applied Linear Algebra	3
MAT 315 Applied Probability and Statistics	4
MAT 342 Explorations in Data Science.....	3
MAT 3** Mathematics Elective.....	3
CSC 305 Data Mining and Machine Learning.....	3
General Electives or Minor.....	14
Total for Year.....	30 credits

Fourth Year

MAT 420 Real Analysis I	4
MAT 421 Real Analysis II.....	3
MAT 3** Mathematics Concentration Elective.....	6
General Electives or Minor	17
Total for Year	30 credits

Honors

All 400-level courses are Honors courses.

Education Options

Students pursuing a liberal arts major in Mathematics may be interested in the teaching profession. This is an option leading to a challenging and rewarding career. Students should consult with the Education Department for details.

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, students may use EDU 411 as one of the Mathematics electives.

Liberal Studies Major with Concentration in Mathematics

Students pursuing Early Childhood or Elementary Education may also wish to consider the Liberal Studies major with a concentration in Mathematics

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.

Kappa Mu Epsilon: The Mathematics Honor Society

Every year, the Mathematical Sciences Department recognizes majors who have distinguished themselves through academic achievement by inviting them to join Kappa Mu Epsilon, the national honors society for Mathematics. More information regarding qualifications can be found on the Mathematical Sciences webpage.

Facilities

The department's mathematical computing facilities include a wide range of hardware and software. The department uses R, Maple, SPSS, Minitab, and GeoGebra mathematical/statistical software in several of its courses. Students may access state-of-the-art computer facilities located on campus

MUSIC

Music Department

Department Chair: Timothy Cochran

Assistant Chair: Emily Riggs

The Bachelor of Arts degree in music at Eastern Connecticut State University is designed to provide a comprehensive and flexible curriculum that prepares students for a wide range of careers in music. Our program is dedicated to creating an educational community where aspiring musicians can develop their talents in a supportive environment while receiving individualized mentoring and advising. Our degree requirements provide students with a strong foundation in music theory, history, and performance while allowing them to explore individual interests and pursue specialized career paths.

Our program is housed in the new, state-of-the-art Fine Arts Instructional Center, which features beautifully designed performance spaces, rehearsal rooms, teaching studios, and numerous academic classrooms and public spaces. With individualized mentoring and advising, state-of-the-art facilities, and a strong focus on performance and scholarship, our program offers an exceptional educational experience for students pursuing a music career.

Only grades of 'C' or better will count toward the major.

Core Curriculum (25 credits)

The following courses are required of ALL Music Majors, regardless of Concentration:

MUS 200 Fundamentals of Music Theory.....	3
MUS 205 Theory of Music I.....	3
MUS 215 Sight Singing and Ear Training Lab I.....	1
MUS 206 Theory of Music II.....	3
MUS 216 Sight Singing and Ear Training Lab II.....	1
MUS 235^ Survey of European Art Music: Antiquity to 1750	3
MUS 236 ^ Survey of European Art Music II: 1750 to Present.....	3
MUS 335^ Introduction to Ethnomusicology	3
<i>Music History & Criticism Elective ^^</i>	

Choose one course:

MUS 302 American Popular Music	3
MUS 303 Music and the Art of Environment	3
MUS 307 Film Music in History & Culture.....	3
MUS 490 Senior Project in Music.....	3

Ensemble Performance

2 credits of ensemble experience to be chosen from the following:

MUS 103 Chorus.....	1
MUS 107 Concert Band	1
MUS 113 Music Ensemble.....	0 5

All Music Majors must successfully complete the Keyboard Proficiency Exam prior to graduation.

Concentration Requirements (12 credits)

Music Majors will choose a concentration from: Performance, Music Industry and Leadership, and Musicology: History, Composition, and Criticism.

PERFORMANCE CONCENTRATION

Private Lessons/Recital Experience (4-9 Credits)

MUS 356 Individual Music Instruction (1-4 credits)05 or 1
MUS 456 Individual Music Instruction Advanced (2-4 credits).....	.05 or 1
MUS 395 Practicum in Music	1

Performance Electives (3-8 credits)

MUS 220 Introduction to Conducting	3
MUS 240 Introduction to Diction for Singers	1
MUS 317 The Musical Theatre Voice	3
MUS 320 Advanced Conducting	3
MUS 321 Vienna: City of Song (Global Field Course)	3
MUS 340 Advanced Diction for Singers	1
MUS 346 Wind Band Literature	3
MUS 365 Special Topics in Music	3
MUS 480 Independent Study in Music.....	1-6
(when topically appropriate)	

MUSIC INDUSTRY AND LEADERSHIP CONCENTRATION

MUS 301 Music Recording Techniques.....	3
MUS 361 Leadership in the Performing Arts.....	3

Three credits from:

MUS 362 Commercial Music Production	3
MUS 365 Special Topics in Music (when topically appropriate)	3
MUS 480 Independent Study in Music (when topically appropriate) ..	1-6
MUS 395 Practicum in Music	5-6
MUS 495 Internship in Music or.....	1-6
other approved capstone experience	

MUSICOLOGY: HISTORY, COMPOSITION, AND CRITICISM CONCENTRATION

12 credits chosen from the following courses:

MUS 301 Music Recording Techniques.....	3
MUS 304 Music of the 20th Century.....	3
MUS 307 Film Music in History and Culture.....	3
MUS 308 Opera.....	3
MUS 310 Music in America.....	3
MUS 312 Music Theory IV	3
MUS 318 Music and Narrative.....	3
MUS 355 Music with an Edge.....	3
MUS 365 Special Topics in Music (when topically appropriate)	3
MUS 372 Multimedia Composition	3
MUS 480 Independent Study in Music.....	1-6
(when topically appropriate)	

^meets Stage 2 University Writing Requirement ^^meets Stage 3 University Writing Requirement

NURSING

Department of Health Sciences and Nursing

Department Chair: Yaw Nsiah

Assistant Chair: Amy Bataille

The nursing program offers a traditional 4-year baccalaureate program. The traditional undergraduate program provides an opportunity to combine a liberal arts education with professional preparation in nursing. This program shall be nested within the liberal arts framework not only to train nurses, but to produce future leaders of the nursing profession. This curriculum requires four academic years. Graduates from this program will be expected to serve the communities in the eastern part of Connecticut and beyond. Additionally, the program is tailored to meet the needs of today's nursing workforce, including a focus on equity, access, diversity, and health disparities in the healthcare sector. The program is approved by the Connecticut Board of Examiners for Nursing (BOEN) and pending accreditation by the Commission on Collegiate Nursing Education (CCNE).

Program Learning Outcomes (PLOS)

- i..... Integrate a background in the liberal arts with the knowledge, skills, and values in professional nursing to improve patient and healthcare outcomes (Essential I, V, VI, VIII).
- ii.... Prepare nurse generalists to provide safe, ethical, evidence-based, patient-centered care that reflects critical thinking and inter-professional collaboration (Essential II, III, VI, VIII).
- iii. Manage information and technology to enhance clinical decision making for quality patient-centered care in a variety of settings (Essential II, IV, V, VI, VII).
- iv. Apply principles of prevention and health promotion when providing care to patients (Essential II, VII).
- v. Contribute to the profession of nursing by engaging in leadership, scholarship, and practice activities (Essential III, VIII, IX).
- vi. Prepare nurse generalists for professional role development through lifelong learning, graduate education, and specialization within their chosen career path (Essential VIII).

American Association of Colleges of Nursing Essential Competencies:

- I. Knowledge for Nursing Practice
- II. Person-centered Care
- III. Population Health
- IV. Scholarship for Nursing Discipline
- V. Quality and Safety
- VI. Interprofessional Partnerships
- VII. Systems-Based Practice
- VIII. Informatics and Healthcare Technologies
- IX. Professionalism
- X. Personal, Professional, and Leadership Development

Student Learning Outcomes (SLO)

Upon graduation, students would be able to:

- i. Integrate theories and concepts from liberal education into nursing practice (PLO I, II).
- ii. Apply leadership concepts, skills, and decision making in the provision of high- quality nursing care, healthcare team coordination, and the oversight and accountability for care delivery in a variety of settings (PLOs II, V, VI).
- iii. Critically evaluate evidence-based research in collaboration with other members of the healthcare team to improve patient outcomes (PLOs II, III, V, VI).
- iv. Demonstrate skills in using patient care technologies, information systems, and communication devices that support safe nursing practice.
- v. Advocate for a variety of socio-political issues affecting health care through participation in legislative and political forums (PLOs I, IV, VI).
- vi. Incorporate inter- and intra-professional communication and collaborative skills into the delivery of evidence-based, culturally sensitive patient-centered care. (PLOs II, VI, V).
- vii. Provide innovative interventions to promote health and prevent illness in invulnerable populations (PLOs III, IV, V).
- viii. Practice from a caring professional nursing perspective by incorporating the values of social justice, diversity and global awareness (PLOs II, IV, V).
- ix. Integrate knowledge, skills, and attitudes through use of the nursing process to provide patient-centered care to patients across the lifespan from a diverse population (PLOS III, VI, IV, II).

Program Completion/Graduation Criteria

- Completion of all Liberal Arts Core requirements.
- Completion of the University foreign language requirement.
- Completion of all Nursing program courses.
- Minimum cumulative GPA of 3.0
- Minimum Nursing Program courses GPA of 2.7.
- Must complete the following NCLEX Preparation (NP)
 - NP 1A&1B
 - NP 2A&2B
 - NP 3A&3B
 - NP 4A&4B

Major Requirements

CHE 210 General Chemistry I.....	3
CHE 212 General Chemistry I w/Lab.....	1
PSY 212 Lifespan and Development	3
HSC 215 Biology for the Health Sciences with Lab (T1 NS)	4
HSC 225 Medical Terminology	3
HSC 318 Human Anatomy and Physiology I w/Lab.....	4
HSC 319 Human Anatomy and Physiology II w/Lab (T2N2)	4
HSC 400 Quantitative Research Methods for Health Sciences	4
HSC 425 Microbiology for Health Sciences.....	4
HSC 438 Current Issues in Health Sciences Seminar.....	3
NUR 200 Fundamentals of Nursing Practice & Health Assessment w/Clinical Practice.....	4
NUR 205 Nutrition for Nursing.....	3
NUR 311 Adult Care Nursing I w/Clinical Practice.....	4
NUR 312 Adult Care Nursing II w/Clinical Practice	4
NUR 340 Maternal & Newborn Nursing w/Clinical Practice	4
NUR 345 Family & Child Care Nursing w/Clinical Practice.....	4
NUR 372 Pathophysiology	3
NUR 403 Pharmacotherapeutics and Pharmacology.....	3
NUR 410 Community Nursing & Public Health w/Clinical Practice.....	4
NUR 424 Geriatric Nursing w/Clinical Practice	4
NUR 432 Psychiatric Nursing w/Clinical Practice	3
NUR 437 Evidence-Based Nursing Practice.....	2
NUR 448 Leadership & Management in Nursing.....	2
NUR 449 Clinical Judgement Complex Illnesses	3
NUR 451 Integrated Clinical Nursing Practice	3

All students must complete the Registered Nurse Licensure Exam Preparation to graduate.

Total:83 Credits

Remarks: Critical Care nursing is embedded across all NUR courses.

Health Requirements

Nursing students must complete and submit the following immunizations before clinical placement:

- MMR (Measles, Mumps & Rubella)
- Varicella
- Hepatitis B
- Tdap
- Polio
- Tuberculosis
- COVID-19 Vaccine

- Seasonal Influenza Vaccine

Clinical Placement Requirements:

Before clinical experience placement, Nursing students shall meet certain requirements, including but not limited to American Heart Association BLS or National EMT certification, health and immunization requirements, a criminal background check, and a drug test by certain published deadlines. Students are responsible for the costs of these requirements. The program cannot guarantee that a student will be accepted by any required clinical placement site if the student cannot meet the compliance requirements. Use of drugs, prescribed or otherwise, may create a risk of being denied a clinical placement. This includes, but is not limited to, prescribed medical marijuana or opiates. If you have concerns about prescribed medications, please reach out to your healthcare provider. The results of a criminal background check or drug screening may prevent a student from completing a clinical placement. The process of obtaining a nursing license in Connecticut and many other states may involve consideration of an applicant's criminal history or other conduct (see Connecticut license application). Criminal convictions and/or a record of certain other conduct may prevent a nursing student/graduate from being licensed and may preclude the nursing graduate from obtaining gainful employment as a nurse. Applicants to the Eastern Nursing program are encouraged to determine, prior to matriculation, the licensure requirements in the state(s) in which they intend to practice.

PHILOSOPHY

Political Science, Philosophy and Geography Department
 Department Chair: Courtney Broschius
 Assistant Chair: Martín Mendoza-Botelho

Objectives

Many questions about the world, life, ourselves, and our relationship with others cannot be answered by empirical observation or calculation alone. What is freedom? What is love? What is knowledge? Why should we care? How do we know what is right and wrong? What are the criteria for beautiful, useful, valuable, etc.? What is well-being? Why should I be healthy? Is life worth living? What is the best way to organize a society? Is there a relevant distinction between conscious beings and artificial intelligence? What is the best way to use scientific discoveries? What is the role of language, or religion, or education, etc.? Philosophy gives you the tools to address any issue regarding our lives as human beings with critical openness, creativity, and intellectual rigor.

As a discipline, it consists of the examination of the most basic assumptions under which our actions, beliefs, and systems of thought (social and individual) are built upon. Some of its main outcomes are the arrival at a deeper understanding of the issues at hand; the proposition of new perspectives through rigorous argumentation; the envisioning of new ways of thinking that can help better analyze problems in various disciplines; and help make wise, sound, and moral decisions in issues that confront humankind on a personal and global scale.

The Philosophy Major at Eastern focuses on the development of responsible, creative, and critical thinking students through courses such as Global Ethics, Philosophical Perspectives, Feminist Philosophies, History of Philosophy, Philosophy of Science, etc. Our program understands philosophy as a global phenomenon. Taught in a comparative mode, the program explores both Western and non-Western philosophies. Thus, students are also introduced to philosophy through a multicultural perspective with courses such as Asian Philosophies, Buddhist Philosophy, Latin American Philosophy, etc. Our students graduate with the basis to continue studying Philosophy at the Master level or to enroll in other programs where Philosophy majors are highly valued such as Law, Business, Public Policy, Education, or Journalism.

Students who major in Philosophy must complete a second major or a minor program of study.

No more than two grades counting toward the major can be below a C.

Required Courses (15 credits)

PHI 120 Perspectives in Philosophy	3
PHI 210^ Asian Philosophies	3
PHI 215 Logical Inquiry	3
PHI 220 Ethics	3
PHI 460^^ Seminar in Philosophical Research and Reflection	3

Major Electives (15 credits)

Choose five:

PHI/PHR 200 Peace and Human Rights	3
PHI 230 History of Early Western Philosophy	3
PHI 231 History of Modern Western Philosophy	3

PHI 232 Medieval Philosophy	3
PHI 265 Topics in Philosophy.....	3
PHI 310 Philosophy and Psychology of Religion.....	3
PHI 311 Buddhist Philosophy	3
PHI 313 Yoga, Philosophy and Practice	3
PHI/PSC 314 Modern Social and Political Thought	3
PHI/PSC 316 Ancient Political Thought.....	3
PHI 320 American Philosophy	3
PHI 330 Existentialism and Phenomenology	3
PHI 340 The Philosophy of War.....	3
PHI 341 Philosophy of Law	3
PHI 360 Global Ethics	3
PHI/WSL 361 Feminist Philosophies	3
PHI 362 Bioethics	3
PHI 365 Topics in Philosophy	3
PHI 366 Consciousness, Minds, and Machines	3
PHI 367 Philosophy of Art and Music	3
PHI 370 Human Rights, Natural and Civil.....	3
PHI 400 Peace & Human Rights Seminar.....	3
PHI 420 Philosophy of Science.....	3
PHI 480 Independent Study.....	3
PHI 498 Teaching Assistantship	3
<i>^meets Stage 2 University Writing Requirement ^^meets Stage 3 University Writing Requirement</i>	

PHYSICAL EDUCATION

Education Department
Department Chair: Mark Fabrizi
Associate Chair: Xing Liu

Objective

The Bachelor of Science in Physical Education is designed for students who have a love of physical activity and a special interest in teaching children and youth in physical education ..The program of study provides excellent preparation for teaching 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 the program emphasize studies in pedagogical analysis and techniques, instructional philosophy and exercise science. The hallmark of this distinctive program is extensive clinical field experiences in public schools and professional agencies. For the Connecticut teacher certification program, in addition to the senior year student teaching course, students will be involved in at least three off-campus practicum/seminar courses instructed by physical educators currently teaching in area public schools. The program is accredited by the Connecticut State Department of Education, the Council for the Accreditation of Educator Preparation, and the National Association for Sport and Physical Education.

Professional Development Point System

Students majoring in Physical Education or Sport and Leisure Management are required to accumulate 10 Professional Development Points (PDPs) each semester before registering for certain upper-division and practicum courses. PDPs are embedded in at least six courses in the major program.

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 coursework specifically addressing health-related topics and pass the State of Connecticut Health Education Exam (Praxis II). See department documents for particulars.

Grade Requirement

The grade of 'C' or higher must be earned in all Physical Education major 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 Departments is responsible for the admission process and also monitors student progress after admission. Students must have a 2.7 GPA and a passing score on all three components of PRAXIS I at the time of application to CARE. Students should apply to CARE in the third or fourth semester of study.

Degree Requirements

Requirements: The grade of “C” or higher must be earned in all Physical Education major courses and a minimum of 2.7 cumulative GPA is required to qualify for upper division Physical Education Teacher Education courses.

Required Courses

EDU 200 Child and Adolescent Development and Exceptionalities.....	3
EDU 357 International Cross-Cultural Education.....	3
HPE 210 Personal Health.....	3
HPE 230 Introduction to Physical Education.....	3
HPE 240 Introduction to Curriculum Materials.....	3
in Physical Education	
HPE 315 Adapted Physical Education.....	3
HPE 328 Applied Anatomy and Physiology.....	3
HPE 329 The Physiological Basis of Movement	3
HPE 335 Technology in Physical Activity Assessment.....	3
HPE 361^ Individual Activities and Games.....	3
HPE 362 Team Activities and Games.....	3
HPE 363 Elementary School Activities and Games	3
HPE 368 Educational Dance and Gymnastics,.....	3
Stunts and Tumbling	
HPE 401 Motor Development.....	3
HPE 413 Physiology of Exercise.....	3

~please note that a background check is required

Concentration Requirements

Physical Education majors may choose one of two concentrations: Physical Education Teacher Certification or Physical Education Studies.

PRE-K TO 12 CERTIFICATION CONCENTRATION

HPE 441 Teaching, Organization, Administration -.....	3
Elementary School PE	
HPE 445 Teaching, Organization, Administration -.....	3
Secondary PE	
HPE 475 Student Teaching (PreK-12).....	9
HPE 476^^ Student Teaching Seminar	3
HIS XXX One U.S. History course	3
ENG XXX One English course above ENG100	3

First Aid Certification is required

PHYSICAL EDUCATION STUDIES CONCENTRATION

Please note that students in the Physical Education Studies Concentration must complete a minor.

Required Course

HPA 331^^ Organization/Administration of Physical Education	3
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Choose one course (3 credits):

HPE 490 Departmental Internship in Physical Education	3
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HPE 491 University Internship in Physical Education.....	3
Minor Program Requirements	15-18
<i>^meets Stage 2 University Writing Requirement ^^meets Stage 3 University Writing Requirement</i>	

POLITICAL SCIENCE

Political Science, Philosophy and Geography Department

Department Chair: Courtney Broschious

Assistant Chair: Martín Mendoza-Botelho

Objectives

This is a distinctive major designed for students interested in government, public administration, politics, law and/or 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, provides a range of interdisciplinary courses that allow students to fulfill state and University certification requirements while completing the major. The Political Science major prepares students to begin a career upon graduation or continue education at the graduate level in a number of fields including 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 15 credits applied to the major at Eastern. 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 GPA in major courses and receive no more than two grades below 2.0.

Fifteen credits of the major must be unique to the major. All other credits can be used to count for other majors or minors.

Track One: Political Science

Required Courses (18 credits):

PSC 100 Power, Politics, Processes	3
PSC 201^ Applied Qualitative Research Methods.....	3
PSC 202 Applied Quantitative Research Methods	3
PSC 460^^ Seminar in Political Science.....	3
Non-U.S. PSC elective Choose one:	3
(others may be taken to satisfy open elective)	
PSC 208 International Politics	3
PSC 217 War, Diplomacy and International Relations	3
Theory elective (choose one, others may be taken.....	3
to satisfy an open elective)	
PSC 220 Democratic Theory	3
PSC/PHI 314 Modern Social and Political Thought.....	3

Choose one option:

Political Science Internship (PSC 490-495)

or Study Abroad

Electives (15-18 credits)

PSC 200 State and Local Politics	3
PSC 205 Public Administration	3
PSC 211 U.S. National Politics	3
PSC 208 International Politics	3
(if not used to satisfy non-US requirements)	
PSC 209 Democracy, Power, Criticism	3
PSC 215 Political Parties and Elections.....	3
PSC 216 Interest Group Politics	3
PSC 217 War, Diplomacy, and International Relations.....	3
(if not used to satisfy non-US req)	

PSC 220 Democratic Theory	3
(if not used to satisfy the Theory requirement)	
PSC 227 Women and Politics	3
PSC 230 Middle East Politics.....	3
PSC 250 Asian Politics	3
PSC 265 Topics in Political Science	3
PSC 300 Ideological Divisions in the U.S.....	3
PSC 305 Comparative Public Administration.....	3
PSC 310 European Politics	3
PSC 311 International Development.....	3
PSC/ PHI 314 Modern Social and Political Thought.....	3
(if not used to satisfy the Theory requirement)	
PSC 315 American Social and Political Thought.....	3
PSC/ PHI 316 Ancient Political Thought.....	3
PSC/PHI 318 Exploring Justice in Society	3
PSC 320 American Foreign Policy	3
PSC 325 Politics and the Mass Media.....	3
PSC/WST 326 Politics of Race/Class/Gender.....	3
PSC/ LAS 328 Latin American Politics	3
PSC 300 The Presidency	3
PSC 333 Constructing Political Ads	3
PSC 335 Legislative Politics.....	3
PSC/GEO/WST 336 Politics of Race and Violence	3
PSC/GEO/WST 338 Geopolitics	3
PSC 339 Constitutional Law I: Powers and Process.....	3
PSC 340 Constitutional Law II: Civil Liberties.....	3
PSC 341 Justice in the Courts	3
PSC 345 Electoral Politics.....	3
PSC 350 Public Policy and Decision-Making	3
PSC 351 Environmental Politics/Policy.....	3
PSC 352 Global Environmental Politics/Policy.....	3
PSC 353 Natural Resource Politics.....	3
PSC 355 Nuclear Threat and Peaceful Change.....	3
PSC 357 Nationalism and Imperialism	3
PSC 365 Topics in Political Science	3
PSC 370 Human Rights: Natural and Civil.....	3

**While internships may be taken for 3-15 credits, only 3 of the credits will count toward completing major requirements.*

***If study abroad taken with no internship, students will need 18 credits in electives.*

Track II: Political Science and Social Studies

This track is meant to facilitate students seeking certification to teach high school/ middle school history and social studies. Students can only choose this option with the permission of the political science program. Also, students using this option need a total of 15 credits in history as well as courses in other disciplines to meet the certification requirements. This track allows students to fulfill some of those courses as part of their political science major.

Required courses (15 credits)

PSC 100 Power, Politics, Processes	3
Choose one:	
PSC 201^ Applied Qualitative Research Methods	3
PSC 202 Applied Quantitative Research Methods.....	3
PSC 208 Global Politics	3
PSC 217 War, Diplomacy and International Relations	3
PSC 460^^ Seminar in Political Science.....	3

Open PSC Electives (9 credits)

PSC 200 State and Local Politics	3
PSC 205 Public Administration	3
PSC 211 U.S. National Politics	3
PSC 208 International Politics	3
PSC 209 Democracy, Power, Criticism	3
PSC 215 Political Parties and Elections.....	3
PSC 216 Interest Group Politics	3
PSC 217 War, Diplomacy, and International Relations.....	3
PSC 220 Democratic Theory	3
PSC 227 Women and Politics	3
PSC 230 Middle East Politics.....	3
PSC 250 Asian Politics	3
PSC 265 Topics in Political Science	3
PSC 300 Ideological Divisions	3
PSC 305 Comparative Public Administration.....	3
PSC 310 European Politics	3
PSC 311 International Development.....	3
PSC/ PHI 314 Modern Social and Political Thought.....	3
PSC 315 American Social and Political Thought.....	3
PSC/ PHI 316 Ancient Political Thought.....	3
PSC/PHI 318 Exploring Justice in Society.....	3
PSC 320 American Foreign Policy	3
PSC 323 Democratization.....	3
PSC 325 Politics and the Mass Media.....	3
PSC/WST 326 Politics of Race/Class/Gender.....	3
PSC/ LAS 328 Latin American Politic.....	3
PSC 330 The Presidency	3
PSC 333 Constructing Political Ads	3
PSC 335 Legislative Politics.....	3
PSC/GEO/WST 336 Politics of Race and Violence	3
PSC/GEO/WST 338 Geopolitics	3
PSC 339 Constitutional Law I: Powers and Process.....	3
PSC 340 Constitutional Law II: Civil Liberties.....	3
PSC 341 Justice in the Courts	3
PSC 345 Electoral Politics.....	3
PSC 350 Public Policy and Decision-Making	3

PSC 351 Environmental Politics/Policy.....	3
PSC 352 Global Environmental Politics/Policy.....	3
PSC 353 Natural Resource Politics.....	3
PSC 355 Nuclear Threat and Peaceful Change.....	3
PSC 357 Nationalism and Imperialism	3
PSC 365 Topics in Political Science	3
PSC 370 Human Rights: Natural and Civil.....	3

Electives in Social Studies Certification Courses (12 credits)

Choose four:

GEO 100 Introduction to Geography.....	3
PSY 100 Introduction to Psychology.....	3
SOC 100 Introduction to Sociology	3

Choose one:

ECO 100 The Economics of Social Issues	3
ECO 200 Principles of Macroeconomics	3

Choose one:

HIS 115 Early World History.....	3
HIS 116 Modern World History	3
HIS 255 History of Latin America.....	3
HIS 275 History of East Asia	3
HIS 265 African History	3

Choose one:

HIS 120 American Origins	3
HIS 121 Making Modern America.....	3
HIS 310 Great Issues: Survey of U.S. History	3

Choose one:

HIS 230 The Birth of Europe	3
HIS 231 The Making and Breaking of Europe.....	3

[^]meets Stage 2 University Writing Requirement ^{^^}meets Stage 3 University Writing Requirement

Recommended Course Sequence

Check all course descriptions for prerequisites before planning your course schedule.

First Year

Liberal Arts Core Requirements	21
PSC 100 Power, Politics, Processes	3
PSC 208 or 217 International Politics OR.....	3
War, Diplomacy & International Relations	
PSC 220 or 314 Democratic Theory OR.....	3
Modern Social and Political Thought	
Total for Year	30 credits

Second Year

Liberal Arts Core Requirements	12-15
PSC 201 Qualitative Research Methods	3
PSC 202 Quantitative Research Methods	3
PSC 2xx/3xx Major Electives	6
Minor Requirements	3-6

General Electives	5-18
Total for Year	30 credits
Third Year	
Liberal Arts Core Requirements	4-7
PSC 2xx/3xx Major Electives	12
Minor Requirements	3-6
General Electives	5-18
Total for Year	30 credits
Fourth Year	
PSC 2xx/3xx Political Science Electives	6
PSC 460 Seminar in Political Science	3
Minor Requirements	3
PSC 4xx Political Science Internship.....	3-6
Liberal Arts Core or General Electives.....	6-15
Total for Year	30 credits

PSYCHOLOGY

Department of Psychological Science
Department Chair: Alita Cousins
Assistant Chair: Lyndsey Lanagan-Leitzel

Mission Statement

The mission of the Department of Psychological Science is to provide challenging and engaging opportunities for students to acquire the knowledge, skills and abilities of psychology as a scientific discipline in keeping with the American Psychological Association's standards of undergraduate education. To that end, the Department of Psychological Science is committed to supporting students by providing high quality learning opportunities and transformative experiences with high-impact practices in an inclusive learning environment. The Department is also committed to supporting faculty in delivering high-quality teaching, creating research opportunities, and fostering close student-faculty mentorship in a liberal arts context.

Student Learning Goals and Outcomes

- Goal 1: Knowledge Base and Outcomes
- Goal 2: Scientific Inquiry and Critical Thinking
- Goal 3: Ethical and Social Responsibility in a Diverse World
- Goal 4: Communication
- Goal 5: Professional Development

Admission to the Program

All students requesting admission to the Psychology major should contact the secretary of the Department of Psychological Science. The student will be assigned an advisor within the department.

Degree Requirements

- All majors must complete at least 50 credits in psychology.
- Students must complete PSY 227, PSY 247, and PSY 327 with a grade of C or better.
- Majors either follow the General Psychology curriculum or, as an alternative, choose a concentration in Behavior Analysis, Cognitive Neuroscience, Developmental Psychology, Industrial-Organizational Psychology, or Mental Health Counseling.
- At least 18 credits of Psychology must be completed in residence at Eastern.
- A minimum overall 2.3 GPA in Psychology courses is required for graduation with a major in Psychology. Students may not include Special Program courses in the calculation of the GPA. Students are therefore not allowed to use PSY 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.
- Consistent with the University's liberal arts mission, written work is a required component of all Psychology courses.
- All Psychology majors must take the Psychology comprehensive exam and exit survey prior to graduation. Students who did not achieve a satisfactory grade on the comprehensive exam (as determined by the Department of Psychological Science) must successfully complete a remedial component before graduation.

Required Courses – all concentrations

PSY 100 General Psychology.....	3
PSY 101 Introduction to the Psychology Major.....	1
PSY 227 Behavioral Science Statistics	4
PSY 247^ Research Methods I	4
PSY 327^^ Research Methods II.....	4
PSY 390 Professional Development.....	1
PSY 409 Current Research in Psychology	3
PSY 419 History and Systems of Psychology	3

GENERAL PSYCHOLOGY CONCENTRATION

The General Psychology curriculum is chosen by students who desire to have 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.

Developmental

Choose one:

PSY 206 Psychology of Childhood	3
PSY 208 Psychology of Adolescence	3
PSY 210 Psychology of Adulthood and Aging.....	3
PSY 212 Life-Span Developmental Psychology	3
PSY 314 Psychology of the Infant and Toddler.....	3

Learning and Cognition

Choose one:

PSY 205 Principles of Learning.....	3
PSY 306 Cognitive Psychology	3

Individual Differences

Choose one:

PSY 301 Adult Psychopathology.....	3
PSY 302 Psychopathology of Childhood	3
PSY 315 Psychology of Gender.....	3
PSY 320 Theories of Personality.....	3

Biological Bases of Behavior

Choose one:

PSY 318 Sensation and Perception.....	3
PSY 418 Physiological Psychology	3
PSY 430 Human Neuropsychology.....	3
PSY 432 Cognitive Neuroscience	3
PSY 434 Behavior Genetics	3

Groups

Choose one:

PSY 202 Social Psychology	3
PSY 303 Industrial and Organizational Psychology	3

Specialized

Choose two (minimum 6 credits):

PSY 309 Social Psychology of Attraction and Romantic Relationships	3
PSY 316 Applied Behavior Analysis	3
PSY 319 Human Sexuality	3
PSY 325 Health Psychology.....	3
PSY 330 Evolutionary Psychology.....	3
PSY 345 Family Psychology.....	3
PSY 407 Radical Behaviorism	3
PSY 410 Psychological Tests and Measurements	3
PSY 415 Behavioral Pharmacology.....	3
PSY 450 Counseling and Clinical Psychology	3
PSY 460 Seminar in Psychology	3
PSY 471 Global Studies in Psychology	3

Only one from:

PSY 480 Independent Study	1-6
PSY 490 Teaching Assistantship.....	1-6
PSY 491 Research Assistant	1-6
PSY 496 Psychology Internship: Group Supervision.....	1-12
PSY 497 Psychology Internship: Individual Supervision	1-12
PSY 498 Research and Field Experience.....	1-6

Concentration Electives

Students should complete any two psychology courses (six credits) as electives.

BEHAVIOR ANALYSIS CONCENTRATION

As an alternative to the General Psychology curriculum, psychology majors may elect to pursue a concentration in Behavior Analysis. Eastern was the first school in Connecticut to offer a program to become a Board Certified Assistant Behavior Analyst, and our program houses a Verified Course Sequence, credentialed by the Association for Behavior Analysis International Students, prepare for board certification in behavioral analysis. Careers in the field range from working with children with autism to serving as a behavior therapist. In addition to core psychology courses, students take 22 credits of required courses ranging from ethics for behavioral analysts to applied behavior analysis, as well as courses in developmental psychology (childhood, adolescence, adulthood), individual differences (e.g. abnormal psychology), the physiological basis of behavior (e.g. neuropsychology), and other specialized courses.

Required Courses

PSY 205 Principles of Learning.....	3
PSY 216 Ethics and Professional Development for Behavior Analysis.....	3
PSY 225 Supervision and Performance Management.....	3
PSY 246 Single-Subject Research	3
PSY 316 Applied Behavior Analysis	3
PSY 407 Radical Behaviorism	3
PSY 415 Behavioral Pharmacology.....	3
PSY 417 Topics in Behavior Analysis	3

Biological Bases of Behavior

Choose one:

PSY 218 Biopsychology	3
PSY 318 Sensation and Perception.....	3
PSY 430 Human Neuropsychology.....	3
PSY 434 Behavior Genetics	3

Developmental

Choose one:

PSY 206 Psychology of Childhood	3
PSY 208 Psychology of Adolescence	3
PSY 210 Psychology of Adulthood and Aging.....	3
PSY 212 Lifespan Development.....	3
PSY 314 Psychology of the Infant and Toddler.....	3

Individual Differences

Choose one:

PSY 301 Adult Psychopathology.....	3
PSY 302 Psychopathology of Childhood	3

Specialized Courses

Choose two (minimum 6 credits):

PSY 303 Industrial and Organizational Psychology	3
PSY 315 Psychology of Gender.....	3
PSY 319 Human Sexuality	3
PSY 325 Health Psychology.....	3
PSY 330 Evolutionary Psychology.....	3
PSY 435 Controversies in Child Psychology	3
PSY 450 Counseling and Clinical Psychology	3
PSY 455 Child Counseling and Clinical Psychology.....	3
PSY 460 Seminar in Psychology	3
PSY 471 Global Studies in Psychology	3

Only one from:

PSY 480 Independent Study	1-6
PSY 490 Teaching Assistantship.....	1-6
PSY 491 Research Assistant	1-6
PSY 496 Psychology Internship: Group Supervision.....	1-12
PSY 497 Psychology Internship: Individual Supervision	1-12
PSY 498 Research and Field Experience.....	1-6

COGNITIVE NEUROSCIENCE CONCENTRATION

Through required courses in cognitive neuroscience and elective courses in physiological psychology, sensation and perception, and human neuropsychology, this concentration will help students acquire advanced knowledge of the cognitive and neural mechanisms that support human behavior through processes. This will enable them to pursue further education in graduate or medical school or gain employment in research labs or clinical settings.

Developmental

Choose one:

PSY 206 Psychology of Childhood	3
PSY 208 Psychology of Adolescence	3
PSY 210 Psychology of Adulthood and Aging.....	3
PSY 212 Lifespan Development Psychology.....	3
PSY 314 Psychology of the Infant and Toddler.....	3

Cognition

PSY 306 Cognitive Psychology	3
PSY 432 Cognitive Neuroscience	3

Individual Differences

Choose one:

PSY 301 Adult Psychopathology.....	3
PSY 302 Psychopathology of Childhood	3
PSY 315 Psychology of Gender.....	3
PSY 320 Theories of Personality.....	3

Biological Bases of Behavior

Choose two:

PSY 218 Biopsychology	3
PSY 318 Sensation and Perception.....	3
PSY 430 Human Neuropsychology.....	3
PSY 434 Behavior Genetics	3

Groups

Choose one:

PSY 202 Social Psychology	3
PSY 303 Industrial and Organizational Psychology	3

Specialized Courses

Choose one for 3 credits:

PSY 319 Human Sexuality	3
PSY 325 Health Psychology.....	3
PSY 330 Evolutionary Psychology.....	3
PSY 345 Family Psychology.....	3
PSY 410 Psychological Test and Measurements.....	3
PSY 415 Behavioral Pharmacology	3
PSY 450 Clinical and Counseling Psychology	3
PSY 455 Child Counseling and Clinical Psychology.....	3
PSY 460 Seminar in Psychology	3
PSY 471 Global Studies in Psychology	3
PSY 480 Independent Study	1-6
PSY 490 Teaching Assistantship.....	1-6
PSY 491 Research Assistant	1-6
PSY 496 Psychology Internship: Group Supervision.....	1-12
PSY 497 Psychology Internship: Individual Supervision	1-12
PSY 498 Research and Field Experience.....	1-6

Concentration Elective

Students should complete any one psychology course as an elective

DEVELOPMENTAL PSYCHOLOGY CONCENTRATION

As an alternative to the General Psychology curriculum, Psychology majors may elect to pursue a concentration in Developmental Psychology. The Developmental concentration offers a strong foundation in current theory and empirical research in physical, cognitive, social, and emotional development across the lifespan. This concentration will be of interest to students planning careers in areas such as child and family advocacy, education, school psychology, developmental or intellectual disability assessment, child development centers, human services agencies or working with the elderly. The concentration is also appropriate for students planning to enter graduate school in Developmental Psychology, Child and Adolescent Psychology, Human Development and Family Studies, Gerontology or related areas.

Learning and Cognition

Choose one:

PSY 205 Principles of Learning.....	3
PSY 306 Cognitive Psychology	3

Developmental

Choose three:

PSY 206 Psychology of Childhood	3
PSY 208 Psychology of Adolescence	3
PSY 210 Psychology of Adulthood and Aging.....	3
PSY 314 Psychology of the Infant and Toddler.....	3

Individual Differences

Choose one:

PSY 301 Adult Psychopathology.....	3
PSY 302 Psychopathology of Childhood	3
PSY 315 Psychology of Gender.....	3

Biological Bases of Behavior

Choose one:

PSY 318 Sensation and Perception.....	3
PSY 418 Physiological Psychology	3
PSY 430 Human Neuropsychology.....	3
PSY 432 Cognitive Neuroscience	3
PSY 434 Behavior Genetics	3

Specialized Courses

Choose two (minimum 6 credits):

PSY 345 Family Psychology.....	3
PSY 407 Radical Behaviorism	3
PSY 410 Psychological Tests and Measurements	3
PSY 435 Controversies in Child Psychology	3
PSY 460 Seminar in Psychology	3
PSY 471 Global Studies in Psychology	3

Only one from:

PSY 480 Independent Study	1-6
PSY 490 Teaching Assistantship.....	1-6
PSY 491 Research Assistant	1-6
PSY 496 Psychology Internship: Group Supervision.....	1-12

PSY 497 Psychology Internship: Individual Supervision	1-12
PSY 498 Research and Field Experience.....	1-6

Concentration Elective

Students should complete any one psychology course as an elective.

INDUSTRIAL-ORGANIZATIONAL PSYCHOLOGY CONCENTRATION

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 , human resources, organizational research, consumer psychology) or students who wish to attend graduate school in industrial/organizational psychology. Students will learn how to apply 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.

Required Course

PSY 303 Industrial and Organizational Psychology	3
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Developmental

Choose one:

PSY 208 Psychology of Adolescence	3
PSY 210 Psychology of Adulthood and Aging.....	3
PSY 212 Life-Span Developmental Psychology	3

Learning and Cognition

Choose one:

PSY 205 Principles of Learning.....	3
PSY 306 Cognitive Psychology	3

Individual Differences

Choose one:

PSY 202 Social Psychology	3
PSY 320 Theories of Personality.....	3
PSY 410 Psychological Tests and Measurements	3

Biological Bases of Behavior

Choose one:

PSY 218 Biopsychology	3
PSY 318 Sensation and Perception.....	3
PSY 430 Human Neuropsychology.....	3
PSY 432 Cognitive Neuroscience	3
PSY 434 Behavior Genetics	3

Specialized Courses

Choose two:

PSY 203 Groups and Teams	3
PSY 225 Supervision and Performance Management.....	3
PSY 304 Job Satisfaction and Motivation.....	3
PSY 305 Leadership in Organizations and Society	3
PSY 403 Seminar in Diversity at Work.....	3
PSY 404 Measuring Work Behavior	3

Advanced Courses

Choose two (minimum 6 credits):

PSY 301 Adult Psychopathology.....	3
PSY 316 Applied Behavior Analysis	3
PSY 325 Health Psychology.....	3
PSY 421 Culture and Psychology	3
PSY 460 Seminar in Psychology	3
PSY 471 Global Studies in Psychology	3

Only one from:

PSY 480 Independent Study.....	1-6
PSY 490 Teaching Assistantship.....	1-6
PSY 491 Research Assistant	1-6
PSY 496 Psychology Internship: Group Supervision.....	1-12
PSY 497 Psychology Internship: Individual Supervision	1-12
PSY 498 Research and Field Experience.....	1-6

MENTAL HEALTH COUNSELING CONCENTRATION

As an alternative to the General Psychology curriculum, Psychology majors may elect to pursue a concentration in Mental Health Counseling.. The Mental Health Counseling concentration is designed to prepare students planning to seek careers in the mental health system or to apply to graduate programs in counseling or clinical psychology The Mental Health Counseling curriculum emphasizes the rigorous application of psychological science to clinical and counseling practice with diverse populations .. Students learn about evidence-based assessment, diagnosis and intervention in mental health, as well as practices that promote adaptation and well-being. Students in this concentration are advised that a grade point average of 3.0 or higher is likely necessary to go on to graduate study in this field.

Developmental

Choose one:

PSY 206 Psychology of Childhood	3
PSY 208 Psychology of Adolescence	3
PSY 210 Psychology of Adulthood and Aging.....	3
PSY 212 Lifespan Development.....	3

Individual Differences

Choose one:

PSY 301 Adult Psychopathology.....	3
PSY 302 Psychopathology of Childhood	3

Learning and Cognition

PSY 205 Principles of Learning.....	3
PSY 306 Cognitive Psychology	3

Biological Bases of Behavior

Choose one:

PSY 218 Biopsychology	3
PSY 430 Human Neuropsychology.....	3
PSY 432 Cognitive Neuroscience	3
PSY 434 Behavior Genetics	3

Clinical and Counseling

Required:

PSY 410 Psychological Tests and Measurements3

Choose one:

PSY 450 Counseling and Clinical Psychology3

PSY 455 Child Counseling and Clinical Psychology3

PSY 410 Psychological Tests and Measurements3

Choose one:

PSY 496 Psychology Internship: Group Supervision.....1-12

PSY 497 Psychology Internships: Individual Supervision.....1-12

Specialized Courses

Choose two (minimum 6 credits):

PSY 246 Single-Subject Research3

PSY 309 Attraction and Relationships3

PSY 315 Psychology of Gender.....3

PSY 316 Applied Behavior Analysis3

PSY 319 Human Sexuality3

PSY 320 Theories of Personality.....3

PSY 325 Health Psychology.....3

PSY 330 Evolutionary Psychology.....3

PSY 345 Family Psychology.....3

PSY 407 Radical Behaviorism3

PSY 415 Behavioral Pharmacology.....3

PSY 421 Culture and Psychology3

PSY 435 Controversies in Child Psychology3

PSY 460 Seminar in Psychology3

PSY 471 Global Studies in Psychology.....3

PSY 480 Independent Study.....1-6

PSY 490 Teaching Assistantship.....1-6

PSY 491 Research Assistant1-6

PSY 498 Research and Field Experience 1-6

[^]meets Stage 2 University Writing Requirement ^{^^}meets Stage 3 University Writing Requirement

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 Association for Behavior Analysis International (ABAI) as meeting the coursework requirements for eligibility to take the Board Certified Assistant Behavior Analyst Examination (see www.BACB.com):

PSY 205 Principles of Learning

PSY 216 Ethics and Professional Development for Behavior Analysis

PSY 225 Supervision & Performance Management

PSY 246 Single-Subject Research

PSY 316 Applied Behavior Analysis

PSY 407 Radical Behaviorism

PSY 417 Topics in Behavior Analysis

Students seeking certification in behavior analysis should contact Professor James Diller, behavior analysis course coordinator, to

develop a plan of study. Students preparing for certification must meet additional requirements beyond the coursework.

Honor Society

Each semester, students are recognized for distinguished academic achievement by being invited to join Psi Chi, the International Honor Society for Psychology. Information regarding qualifications can be found on the Department of Psychological Science web page.

Honors in Psychology

The Department of Psychological Science provides two designations to recognize the major's highest performers.

High Distinction requires the satisfaction of the following criteria:

- Completion of PSY 227 (Statistics) and PSY 247 (Research Methods I) with a grade of A- or better
- A GPA within the Psychology major of 3.5 or higher
- An overall GPA of one of the following:
 - PSY 480 Independent Study
 - PSY 490 Teaching Assistantship
 - PSY 491 Research Assistantship
- Presentation of (or acceptance to present) a first-author/co-author research project at a state/regional/national conference.

Highest Distinction requires satisfaction of the above criteria, as well as:

- Scoring in the 80th percentile or higher (compared to national norms) on pre-graduation exit exam.
- Presentation of (or acceptance to present) a first-author/co-author research project at a state/regional/national conference.

Qualifications can be found on the Psychological Sciences department web page.

SECONDARY EDUCATION CERTIFICATION

Education Department
Department Chair: Mark Fabrizi
Assistant Chair: Xing Liu

Updated information about the Secondary Education program can be found at www.easternct.edu/education/advisement.

Eastern Connecticut State University is accredited by the Council for accreditation of Educator Preparation (CAEP).

Candidate Learning Outcomes can be found at www.easternct.edu/education/clo-conceptual-framework/.

These outcomes are 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 Council for the Accreditation of Educator Preparation (CAEP) standards.

EASTERN'S EDUCATOR PREPARATION PROGRAMS' (EPP)

Candidate Learning Outcomes (CLO)

Domain I: Intentional Teaching

We believe that intentional teaching and its important corollary, intentional learning, necessitate viewing learning as the predetermined and actively sought after goal of education.

Candidate Learning Outcomes:

- Candidates demonstrate a positive and reflective disposition towards intentional planning and teaching practices that are appropriate for diverse learners.
- Candidates demonstrate the ability to identify discipline-specific content knowledge and skills, develop and implement evidence-based, inclusive instructional practices that engage all students and improve student achievement.
- Candidates develop effective classroom environments that nurture collaborative learning and self-efficacy.
- Candidates identify and utilize educational technology and other digital resources to enhance the learning experience of all students and to transform their own instructional practices.
- Candidates develop and integrate learning experiences that require students' use of critical thinking skills, problem solving and diverse forms of communication.

Domain II: Data Literacy

We believe that data literacy offers a dedicated pathway towards understanding the abilities and needs of all students and offers a means to improve students' growth and development across all curricular areas.

Candidate Learning Outcomes:

- Candidates use and/or adapt/design qualitative and quantitative assessments that directly align with the learning goals of content in the discipline.

- Candidates organize, analyze, interpret and graphically display data on student growth.
- Candidates triangulate data from multiple sources to determine student learning and guide planning and teaching.
- Candidates use classroom-wide and individual student data to understand learning and development and to inform and adjust instruction.
- Candidates analyze student data- including pre- and post-instruction assessments – to determine the impact of their own teaching.
- Candidates demonstrate reflective and interpersonal abilities to become an active member of a data team.
- Candidates demonstrate a positive disposition toward data collection and articulate its importance in teaching and learning.

Domain III: Cultural Competence

We believe that cultural competence includes understanding and appreciating cultural, learner and linguistic diversity but also practicing a pedagogy that views school-family relationships as partnerships in learning.

Candidate Learning Outcomes:

- Candidates demonstrate deep caring, commitment and empathy for children and families of diverse cultural and socioeconomic backgrounds.
- Candidates articulate the positive influences of culture on students' learning and development.
- Candidates demonstrate culturally responsive teaching, by incorporating the strengths, interests, histories and needs of families of diverse cultures in their planning, teaching and assessment.
- Candidates adapt teaching and learning experiences to the linguistic, social and learning styles and needs of children of diverse backgrounds.
- Candidates honor all family languages and understand the importance of preserving language as a fundamental part of culture.
- Candidates proactively promote positive cross-cultural peer relationships and openly and directly address instances of bias as they arise in the classroom.
- Candidates apply their knowledge of culture in their communication with and involvement of families in school.
- Candidates monitor and address their own cultural biases and recognize and articulate the influences of their own families and cultures on their beliefs and professional practices.

Domain IV: Professional Practice and Leadership

We believe that across all course work and clinical practices, our candidates must demonstrate compassion and dedication to all students that is earnest, professional and mindful.

Candidate Learning Outcomes

- Candidates demonstrate an ongoing commitment to their professional growth by engaging in continuous meaningful learning.
- Candidates continually examine their ability to design and deliver effective instruction by using feedback and evidence from students, peers and mentors to revise instructional practices and improve effectiveness.
- Candidates collaborate with their peers, school personnel, families and community members to contribute to effective school changes.
- Candidates seek leadership roles to advocate for the well-being of all learners and to advance the profession.

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. More information on CARE policies and procedures can be found at www.easternct.edu/education/admission-care-policies. Students interested in teacher preparation programs must apply to CARE at least one semester prior to enrolling in professional preparation courses. Undergraduate Secondary Education teacher candidates may begin professional preparation courses in the fall semester only; the application deadline for these programs is always February 15. (If these dates fall on a weekend or holiday, the application are 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. 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 Secondary Education Program, teacher candidates must:

- Complete or be in the process of completing EDU 200, EDU 210 and EDU 357, and EDU 250.
- Have an earned GPA of 3.0 or higher with a C or greater in all prerequisite coursework.
- File a formal application by the required date using TK20, which can be found at https://easternct.tk20.com/campustoolshighered/createapplicantaccount_menu.do?createnewaccount=true.
- Send references from a faculty member in their academic majors, a faculty member from a Liberal Arts Core course and a professional educator to the Education Department.
- Take PRAXIS CORE or another appropriate state test. This is a University and state requirement from certification, regardless of where a student completes a teacher preparation program. (Note: The PRAXIS CORE exam or other appropriate state test must be taken a full year before admission so that the scores are received by CARE before application deadlines. Students are urged to take PRAXIS CORE in the spring semester of their freshman year.)
- Satisfactorily complete a personal interview, demonstrating competencies in oral communication, with a team of faculty.
- Complete a criminal history background check and fingerprinting.
- Students beginning school in fall 2016 or later must complete 50 service hours prior to admission. See www.easternct.edu/education/admission-care-policies to find specific guidelines and to download a clock hour form to document your service hours.

Students are 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:

- Maintain a 2.7 grade point average throughout coursework;
- Earn a grade of “C” or higher in all required education courses; (see also “Liberal Arts/General Education Requirements” section of this chapter)
- 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 is usually scheduled for on half-day per week in a public school setting.

Pre-Student Teaching

Pre-student teaching is required in CORE III (or during the semester prior to the student teaching). Without successfully completing pre-student teaching, a candidate cannot advance to student teaching.

Student Teaching

Student teaching is usually assigned during a student’s senior year and is a full-semester course required for teacher certification. Teacher candidates must apply to the Coordinator of Education Experiences in the Education Department for a student teaching placement in a regional school. Before being assigned such a placement, a student must be admitted by CARE to the Teacher Certification Program and have completed all Education courses. Candidates must also have passed the appropriate Praxis II and other required state tests prior to student teaching.

Placement for a Secondary Level Certification is 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 to plan appropriate accommodations, teacher candidates in need of special support are encouraged to inform CARE as early as possible and to consult with the Office of AccessAbility Services.

Certification requirements are continually modified by the Connecticut State Department of Education. Below are examples of some changes:

Academic Major

The State of Connecticut requires that those receiving a certificate after 1993 have a subject matter major outside of education. Secondary teacher candidates at Eastern may complete a major in Mathematics, Biology, Environmental Earth Science, History/Social Studies or English. If they choose the major in another area, they must meet certificate requirements for Mathematics, Biology, Environmental Earth Science, English or History/Social Studies to be eligible.

Liberal Arts/General Education Requirements

The State of Connecticut requires that those receiving a teaching certificate have a diverse general education background in liberal arts courses.

Secondary Education and post-baccalaureate teacher candidates who have 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:

HPE 201 (1 credit) or HPE 210 (3 credits)..... 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

Standards for teaching are set by the profession and by the State of Connecticut and are outlined in the Connecticut Common Core of Teaching (CCCT) Standards. These competencies have been aligned with the Education Unit's Conceptual Framework. Teacher candidates' success during the University's program and initial years of teaching are assessed using these competencies, which are reflected in the certification program objectives. Teacher candidates are given opportunities to practice and master these throughout the program.

Praxis II

Prior to student teaching, candidates must pass the designated PRAXIS II exams corresponding to their content area. Applications and information about this exam are available in the Education department. Official passing scores on PRAXIS II must accompany student teaching applications. For the appropriate content PRAXIS II exam test number, please see www.ets.org/praxis/ct/requirements.

Teacher Certification

The Secondary Education program is a certification program only and results in a degree in an academic area with teaching certification.

Certification at the Graduate Level

Post-baccalaureate teacher candidates might consider pursuing Secondary Education (7-12) Certification within a Master of Science (M.S.) degree program. Candidates interested in obtaining certification who missed the sophomore deadline for entry may choose to apply to the Graduate Division of the School of Education and Professional Studies for one of two programs: 1) the traditional master's program, which is self-paced; or 2) the Early Entry master's program, which is accelerated. For the Early Entry master's program, candidates apply to CARE in the fall semester of their senior year. Candidates take a combination of the remainder of their undergraduate content degree program and graduate education courses during their final semester in their undergraduate program. Courses continue in the summer sessions, the fall semester, and student teaching occurs in the spring. Students should contact the Department Chair for advising as soon as possible if they are interested in this program to ensure proper advisement and scheduling.

Further information on these programs may be found in the Graduate Division 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, teacher candidates are awarded an Initial Educator Certificate. During the first years of teaching, the new teacher participates in an induction program.

Secondary Education Certification

This program is designed to prepare entry-level professionals to teach in secondary classrooms. The program leads to certification in grades 7-12. Teacher candidates may select and be certified to teach in the following major areas: biology, English, earth science, history and social studies, mathematics, and other social science majors with selected coursework.

Teacher candidates must complete the general education courses required for certification as outlined on previous pages.

Teacher candidates must complete the following professional courses in Education:

Foundations

EDU 200 Child and Adolescent Development.....3 and Exceptionalities	3
EDU 210 Foundations of U.S. Education3 or EDU 357 or International Cross-cultural Education	3
EDU 250 Applied Information Technology for Educators.....1	1

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) (Fall only)

EDU 300 Learning and Teaching in Middle.....3 and Secondary Classrooms	3
EDU 301 Clinical Experience.....1	1
EDU 404 Educational Assessment3	3

CORE II (taken as a block) (Spring only)

EDU 308 Inclusive Secondary Classrooms.....3	3
EDU 401 Clinical Experience.....1	1
EDU 405 Second Language Acquisition and Strategies1	1
EDU 410 Content Area Reading and Writing or.....3 (not required for Secondary English) or EDU 414 Literacy Development for Secondary English	3

Core III (taken as a block) (Fall only)

EDU 451 Pre-student Teaching (Secondary Schools).....3	3
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And one of the following according to major:

EDU 460 Principles of Teaching Biology and Environmental Earth Science3	3
EDU 462 Principles and Practices of Teaching English3	3
EDU 463 Principles and Practices of Teaching History/Social Studies3	3
EDU 464 Principles and Practices of Teaching Mathematics.....3	3

PRAXIS II EXAMS: Prior to student teaching, candidates must pass the designated PRAXIS II exams corresponding to their content area. Applications and information about this exam are available in the Education Department. Official passing scores on PRAXIS II test(s) or receipt of registration for taking PRAXIS II must accompany student teaching applications.

Core IV (taken as a block) (Spring only)

EDU 425 Student Teaching Seminar: Secondary Schools3	3
EDU 471 Student Teaching (Secondary Schools)6-9	6-9

Total 30-33 credits

English majors must complete the following special requirements as part of their program: *

ENG 203 Writing for English Majors3	3
ENG 329 Adolescent Literature3	3
ENG 340 History and Development of the English Language3	3
ENG 341 Modern American Grammar.3	3
ENG 370 Composition, Theory, and Pedagogy3	3

**For additional recommended course contact the Education Department*

Additional Requirement for the History/Social Studies Secondary Certification Program

Eastern's History/Social Studies teaching certification program is approved by the Council for the Accreditation of Educator Preparation (CAEP) and the National Council for the Social Studies. The following course are required for certification:

Course in Science, Technology, and Society.

Choose one from

BIO 200 Ecology and the Environment3

EES 315 Environmental Science and Society3

EES 222 Water and Society3

EES 204 Global Climate Change3

OR

EES 205.Sustainable Energy3

ECO 200 Introductory Macroeconomics3

GEO 100 Introduction to Geography3

PSC 110 American Government and Politics3

PSY 100 General Psychology3

SOC 100 Introduction to Sociology3

Required History Courses (besides others to fulfill the major) are:

Course in Non-Western History.

Choose one from

HIS 115 Introduction to Early World History3

HIS 116 Introduction to Modern World History3

HIS 255 Introduction to Latin America3

Or

HIS 275 Introduction to East Asian History3

HIS 120 American Origins3

Or

HIS 121 Making Modern America3

HIS 200 Historical Research and Writing3

HIS 230 The Birth of Europe3

or

HIS 231 The Making and Breaking of Europe3

Additional requirement for mathematics for secondary certification program:

MAT 372 Advanced Mathematics for High School Teaching3

Certification

After completion of the program described above, teacher candidates apply for certification in Secondary Education (grades 7-12).

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 of the society.

SOCIAL WORK

Sociology, Anthropology, Criminology and Social Work Department

Department Chair: Theresa Severance

Program Coordinator: Eunice Matthews-Armstead

Mission

The mission of the Social Work Program of Eastern Connecticut State University is to prepare bachelor-level generalist social work professionals who competently and respectfully promote human well-being, and advance human rights and social, economic, and environmental justice among diverse populations from a global perspective with emphasis on the vulnerable and oppressed, by employing empirically informed practice skills that are grounded in social work's body of knowledge and professional values.

The program is accredited by the Council on Social Work Education.

Additional information about the program is available on the program's website at www.easternct.edu/socialwork.

Social Work Program

Students entering Eastern in their first year declare a pre-Social Work major as they complete social work foundation and liberal arts courses.

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. Admissions materials should be submitted to the Social Work Program Coordinator by January 31 to begin the social work major the following fall semester. Transfer students are encouraged to contact the program coordinator to discuss their plan of study.

Application forms for admission to the Social Work major may be obtained from the Social Work program office or from the program's website.

Application decisions are based on:

- Successful completion of SWK 200 Introduction to Social Work or an equivalent course and the number of Social Work liberal arts foundation requirements completed (at least four of the five required for acceptance).
- Grade point average, with special attention given to grades earned in liberal arts 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.
- Evidence of the applicant's commitment to the mission and values 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.

Social Work Program Academic Requirements and Expectations

The Social Work program recognizes its responsibility as gatekeeper to the profession to ensure the safety of clients who will be served by program graduates. Academic standards enforced by the program, therefore, include 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 program academic standards including scholastic, ethical and conduct standards in the classroom, at a field placement, in the University, or in 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 the Pi Zeta chapter of Phi Alpha, which has been set by the Eastern faculty, is for the student who has earned at least 3.4 GPA in the social work major and demonstrated a track record of service to the profession through service to the community. Potential candidates apply for consideration. Each application is evaluated and voted on by the faculty.

Required Courses and Recommended Course Sequence

Freshman/Sophomore years (Pre-Social Work Major): 18 foundation credits

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, but all five must be completed.

- 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. Typical courses used to fulfill this requirement include ANT 106 Cultural Anthropology and ANT 337 Urban Anthropology.
- 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 PSC 100 Power, Politics, Processes or PSC 200 State and Local Politics and Government.
- SWK 200 Introduction to Social Work (or transfer equivalent required for program admission).

Social Work Major Requirements

SWK 300 Generalist Practice with Communities and Organizations.....	3
SWK 311^ The Social Environment & Human Behavior	3
SWK 312 Human Behavior in the Social Environment.....	3
SWK 320 Generalist Practice with Individuals and Families.....	3
SWK 325^ Social Welfare Policy	3
SWK 330^ Research for Social Work I.....	3
SWK 333 Research for Social Work II.....	3
SWK 335 Understanding Social Work Practice Theory	3
SWK 350 Social Work Field Internship and Seminar I.....	3
SWK 420 Generalist Practice with Groups and Organizations	3
SWK 450 Field Internship Seminar II.....	6
SWK 475^^ Senior Seminar: Diversity,.....	3
Human Rights & Social Justice	

Course Sequence

Fall Semester (Entrance to the Major)

SWK 311^ The Social Environmental & Human Behavior	3
SWK 325^ Social Welfare Policy	3
SWK 330^ Research for Social Work I.....	3

Spring Semester

SWK 300 Generalist Practice w. Communities & Organizations.....	3
SWK 312 Human Behavior in the Social Environment.....	3
SWK 320 Generalist Practice with Individuals and Families	3
SWK 333 Research for Social Work II.....	3

Fall Semester

SWK 350 Social Work Field Internship and Seminar I.....	6
SWK 420 Generalist Practice with Groups & Organizations	3
SWK 475^^ Senior Seminar: Diversity, Human Rights, & Social Justice	3

Spring Semester

SWK 335 Understanding Social Work Practice Theory.....	3
SWK 450 Field Internship Seminar II.....	6

^meets Stage 2 University Writing Requirement (must complete all three) ^^meets Stage 3 University Writing Requirement

SOCIOLOGY

Sociology, Anthropology, Criminology and Social Work Department
Department Chair: Theresa Severance
Program Coordinator: Nicolas Simon

Objectives

Sociology is the study of social life, social change, and the social causes and consequences of human behavior. Sociologists investigate the structure of groups, organizations, and societies and how people interact within these contexts...Since all human behavior is social, the subject matter of sociology ranges from the intimate family to the hostile mob; from organized crime to religious traditions; from the divisions of race, gender, and social class to the shared beliefs of a common culture.

The Sociology Major provides three options for Concentrations...It is required that Sociology majors select at least one concentration. Students may select up to 2 concentrations, as long as they carry 9 unique credits of electives for each concentration. Students with at least a 2.7 GPA overall and in the major will also have the option to complete a Senior Thesis.

The Generalist Concentration 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, education, 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. This curriculum offers students the greatest flexibility in terms of course selection.

The Diversity, Equity, and Inclusion (DEI) Concentration is designed to focus sociological inquiry, investigation and analysis on the people and issues in a diverse society. DEI Concentration graduates add the value of DEI knowledge to their chosen careers in community, business, and organizational settings, and attend graduate school in sociology, social work, law, education, 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...This curriculum offers students an opportunity to select courses on various aspects of diversity and foster ethics of inclusion and equity.

The Mental Health and Social Services Concentration is designed to focus sociological inquiry, investigation and analysis on issues related to mental health and well-being..Mental Health and Social Services Concentration graduates add value of heightened awareness and understanding of mental health, mental health issues, and overall well-being in their chosen careers in community, business, and organizational settings, and attend graduate school in sociology, social work, law, education, 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..The curriculum offers students an opportunity to select courses that focus attention on mental health in a variety of situations and settings amongst different groups, categories, and cultures.

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 that fit the declared concentration(s). Transfer students should contact the chairperson of the department when they request admission to the University.

Required Courses

All three concentrations require the following core courses (19 credits):

SOC 100 Introduction to Sociology.....	3
SOC 201 Introduction to the Sociology Major.....	1
SOC 300 Sociological Theory	3
SOC 350^ Methods of Social Research.....	4
SOC 351 Statistics for Social Research.....	4
SOC 400^^ Senior Seminar.....	4

Concentrations

All three concentrations require 18 additional credits total.

1. Generalist Concentration*

In addition to the Required Courses above, choose 18 credits of electives, up to six of which may be from ANT and CRM, the remainder must be SOC courses.

2. Diversity, Equity, and Inclusion (DEI) Concentration*

In addition to the Required Courses above, students in the DEI Concentration must complete:

SOC 250 Social Inequality	3
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In addition, choose 15 credits of the following electives, up to six of which may be ANT, CRM, and SWK courses that appear in the list below; the remainder must be SOC courses that appear in the list below. Completing an Internship (SOC 490, 491, 492, or 493) or Sociology Senior Thesis (SOC 495) is recommended but not required.

SOC 208 Gay, Lesbian, and Bisexual Lives	3
SOC 240 Sociology of Gender.....	3
WST 260 Intro to Women's Studies	3
SOC 265/365 Special Topics.....	3
if related to DEI, per Sociology program coordinator	
SOC 307 Deviance.....	3
SOC 310 Women and Crime.....	3
SOC 311 Drugs & Society.....	3
SOC 314 LGBTQ+ Families	3
SOC 318 Violence in Relationships	3
SOC 321 Social Policy	3
SOC 346 Race and Ethnic Relations.....	3
SOC 373 Collective Behavior & Social Movements.....	3
SOC/ANT/CRM 480 Independent Study.....	3
SOC 490-493 Internship.....	3
SOC 495 Sociology Senior Thesis.....	3
ANT 201 Canadian Culture and Society.....	3
ANT 221 Native Americans	3
ANT 222 Native Peoples of Canada.....	3
ANT 225 Contemporary Puerto Rican Culture/Society	3
ANT 240 Latinos in the United States.....	3
ANT 345 Transnational, Racial and Ethnic Identity.....	3
ANT 358 Anthropology of Violence.....	3
ANT/CRM/SWK 365 Special Topics	3
ANT 390 Anthropological Research Methods	3
CRM 101 Criminal Justice and Society	3
CRM 317 Race, Gender and CJ System	3

3. Mental Health and Social Services Concentration*

In addition to the Required Courses above, students in the Mental Health and Social Services Concentration must complete:

SOC 312 Sociology of Mental Illness	3
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In addition, choose 15 credits of the following electives, up to six of which may be ANT, CRM, and SWK courses that appear in the list below; the remainder must be SOC courses that appear in the list below. Completing an Internship (SOC 490,491,492, or 493) or Sociology Senior Thesis (SOC 495) is recommended but not required.

SOC 107 Social Problems	3
SOC 209 Juvenile Delinquency.....	3
SOC 212 Sociology of Families	3
SOC 220 Corrections	3
SOC 265 Special Topics.....	3
SOC 307 Deviance.....	3
SOC 310 Women and Crime	3

SOC 311 Drugs and Society.....	3
SOC 318 Violence in Relationships	3
SOC 321 Social Policy.....	3
SOC/ANT/CRM/SWK 365 Special Topics.....	3
SOC/ANT/CRM 480 Independent Study	3
SOC 490-493 Internship	3
SOC 495 Sociology Senior Thesis.....	3
SWK 344 Substance Abuse	3
SWK 435 Understanding Grief and Loss.....	3
SWK 465 Understanding Trauma	3

^meets Stage 2 University Writing Requirement ^^meets Stage 3 University Writing Requirement

In order to graduate with a B.A. in Sociology, a student must have an overall 2.0 GPA in both the set of required courses listed above and in all of the courses that are counted toward the major. Students are advised not to take more than one required course per semester.

Recommended Course Sequence

Check all course descriptions for prerequisites before planning your course schedule.

First Year

SOC 100 Introduction to Sociology	3
Liberal Arts Core.....	18-27
Total for Year	30 credits

Second Year

SOC 201 Introduction to the Sociology Major.....	1
Foreign Language	0-6
SOC XXX One or two Concentration Req/ Electives.....	3-6
Liberal Arts Core.....	12-21
Total for Year	30 credits

Third Year

SOC 300 Sociological Theory	3
SOC 350 Methods of Social Research	4
SOC XXX One or two Concentration Req/ Electives.....	3-6
Liberal Arts Core or General Electives.....	17-20
Total for Year	30 credits

Fourth Year

SOC 351 Statistics for Social Research.....	4
SOC 400 Senior Seminar	4
SOC XXX Sociology Concentration Electives.....	8-12
Liberal Arts Core or General Electives.....	10-14
Total for Year	30 credits

SPANISH

World Languages and Cultures Department
Department Chair: Kin Chan

Objectives:

The major in Spanish is designed to cultivate Spanish language communication, as well as promote an understanding and appreciation of Hispanic cultures. Spanish language courses at Eastern provide rigorous training, stressing proficiency in all linguistic skills, including profession-specific skills and vocabulary. Offerings also include culture courses, conducted in Spanish and in English, related to Hispanic film, literature, geopolitics, ethnicity, and social media. A key element of the Spanish major is a required experiential learning experience.

Candidates complete a planned program of 33 credits in Spanish, exclusive of introductory-level courses. To complete the experiential learning experience, students have a choice of internships, field experiences or study abroad. Profession-specific courses related to Business, Social Work, Health Services and Education complement the Spanish curriculum and electives are chosen in consultation with the major advisor and areas of emphasis will depend on the student's preference and objectives.

Required Courses (21 credits)

SPA 211 Intermediate Spanish II.....	3
SPA 222 Spanish in & through Social Media	3
SPA 310 Advanced Spanish I.....	3
SPA 311 Advanced Spanish II.....	3
SPA 314^ Latino/a Conversations	3
SPA 317^^ Hispanic Cultures	3
SPA 404 Spanish Translation & Interpretation.....	3
<i>^meets Stage 2 University Writing Requirement ^^meets Stage 3 University Writing Requirement</i>	

Experiential Learning (3-4 credits)

Choose one:

Study Abroad Program	4
SPA 470 Global Travel Preparation	(1 credit)
SPA 471 Voyages in Hispanic Studies	(3 credits)
SPA 490 Internship (Teaching Asst. In Spanish, on campus)	3
SPA 493 Community Field Experience.....	3
SPA 495 Field Experience	3

Pre-Professional Preparation Course (3 credits)

Choose one:

SPA 231 Spanish for Business	3
SPA 232 Spanish for Health Services	3
SPA 233 Spanish for Social Services.....	3
SPA 415 Spanish for Medical Interpreting & Translation.....	3
SPA 430 Methods of Teaching Foreign Language.....	3

Electives (6 credits)

Note: Students can select additional experiential learning experience or pre-professional preparation courses to satisfy the Electives category.

SPA 219 Hispanic Screen Cultures	3
SPA 315 Spanish for Spanish-speaking Students.....	3
SPA 335 Border Cultures.....	3
SPA 356 América Latina.....	3
SPA 365 Hispanic Studies: Selected Topics	3
SPA 480 Independent Study	3
SPA 492 Directed Study	3

Additional electives outside of the World Languages & Cultures Department

Note: It is advised that students take the relevant pre-professional course before registering for these electives.

BUS 201 Principles in Management

BUS 225 Principles of Marketing

BUS 329 International Marketing

BUS 450 International Business

HSC 225 Medical Terminology

HSC 235 Native American Health

PBH 209 Nutrition and Public Health

PBH 311 Emergency Preparedness & Response

PBH 330 Principles of Global Health

PBH 345 Chronic Diseases Prevention

PBH 350 Principles of Community Health

PBH 414 Violence & Injury in Public Health

SWK 200 Introduction to Social Work

Students who are double-majoring in Education & Spanish, please consult your advisor and the appropriate Advisement Sheet from the Education Department in order to fulfill all pre-requisites for qualification to apply to the CARE Program.

No Spanish or World Languages and Cultures (WLC) course graded below a 2.0 in courses numbered 200 and above will be allowed for credit toward the 33-credit requirement.

Recommended Course Sequence

Check all course descriptions for prerequisites before planning a course schedule. Discuss all selections with the advisor. Up to two courses taken abroad can count towards requirements and electives in the major. It is recommended that Spanish majors study abroad after their second year.

Freshmen may be placed into the second- or third-year level. Consult with the department chair as to the recommended sequence.

First Year

SPA 211 Intermediate Spanish II.....	3
Liberal Arts Core Requirements	27
Total for Year	30 credits

Second Year

SPA 222 Spanish In & Through Social Media.....	3
Pre-Professional Preparation Course.....	3
SPA 231* Spanish for Business.	3
or SPA 232* Spanish for Health Services.	3
or SPA 233* Spanish for Social Services	3
SPA 310 Advanced Spanish I.....	3
SPA 311 Advanced Spanish II.....	3
Liberal Arts Core Requirements	18
Total for Year	30 credits

Third Year

SPA 314 Latino/a Conversations	3
SPA 317 Hispanic Cultures	3
Experiential Learning Experience	3-4
SPA 470 & SPA 417 Global Travel Prep. &	4
Voyages in Hispanic St.	
Or SPA 490 Internship	3

Or SPA 493 Community Field Experience.....	3
Or SPA 495 Field Experience	3
Electives in SPA or approved electives in BUS/HSC/SWK.....	6
Liberal Arts Core /General Electives	11-12
Total for Year	30 credits

Fourth Year

SPA 404 Translation & Interpretation	3
Pre-Professional Preparation Course.....	3
SPA 415* Spanish Medical Interpreting & Translation	3
SPA 430* Methods of Teaching Foreign Language.....	3
Spanish or General Electives.....	24-27
Total for Year	30 credits

**Note: the Pre-Professional preparation course can be taken in the sophomore or senior year, depending on the student's choice—consult with your advisor.*

WOMEN'S AND GENDER STUDIES

English Department
Department Chair: Stephen Ferruci

Assistant Department Chair: Jordan Youngblood
Co-Directors: Maeve Doyle and Cara Bergstrom-Lynch

The mission of the Women's and Gender Studies program at Eastern is to offer students a quality undergraduate education in gender scholarship. Students learn about the achievements and activism of women and other historically underrepresented groups as they consider the ways in which gender and other identities shape social experiences in a liberal arts context.

Women's and Gender Studies has grown into an interdisciplinary academic program that analyzes how all our lives are shaped by the significance of gender and other forms of identity, like sex, sexuality, race, ethnicity, class, nationality and location.

Eastern is the only public university in Connecticut with a major in Women's and Gender Studies. We are delighted to offer a major and minor in this field. These academic offerings help students think about social change in informed ways and develop an intellectual community that integrates a range of experiences. Students graduate with analytical skills that prepare them for future careers in law, social work, public health, the media, public policy, the creative arts, nonprofit organizations and academia.

Required Courses

WST 260 Introduction to Women's Studies	3
WST 351^ Feminist Theories	3
WST 481^^ Independent Study Writing-Intensive	3
Capstone in WGS	

This Stage 3 writing-intensive course requirement will be met by an independent study advised by a Women's and Gender Studies faculty member. Students produce theses to be read by a second reader approved by the Women's Studies Advisory Committee. With permission of the director, this requirement may be met by a discipline-based substitute such as a departmental senior seminar. The thesis resulting from such work will then be read by a second reader approved by the Women's Studies Advisory Committee.

WST 490 Internship in Women's Studies	3
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The experiential learning component may be taken in Women's and Gender Studies or in a disciplinary area relevant to the Women's and Gender Studies major and signed off by the director.

Sexualities

Choose one:

PSY 319 Human Sexuality	3
WST/SOC 208 Gay, Lesbian, and Bisexual Lives	3
WST /PSY 315 Psychology of Gender	3
WST 352 Lesbian Literature.....	3

Race, Culture, Gender – U.S. Emphasis

Choose one:

WST/SOC 310 Women and Crime	3
WST 316/CRM 317 Race, Gender, and the Criminal Justice System	3
WST/PSC 326 Politics of Race, Class, and Gender.....	3
GEO/PSC/WST 336 Politics of Race and Violence	3
WST 347 Black Women’s Studies	3
ENG 393 Chicana and Latinx Rhetorics	3

Race, Culture, Gender – Global Emphasis

Choose one:

ANT 300 Women and Work.....	3
WST/FRE 231 Women Writers from French-speaking Countries	3
WST/FRE 331 Global and French Perspectives on Women’s Issues.....	3
WST /GEO 306 Gender, Justice, Environment	3
WST/GEO/PSC 338 Geopolitics	3

Historical Perspectives

Choose one:

WST/HIS 244 Immigrant Women	3
WST/ENG 307 Medieval Women Mystics	3
WST/HIS 317 Women and Family in Western Society	3
WST/ART 355 Women, Gender, and Art.....	3
WST/ENG 356 Women Writers to 1900.....	3
WST/PHI 361 Feminist Philosophies	3
WST/HIS 363 Gender in History	3
WST/ANT 370 Sex and Gender in the Ancient World	3

Major Electives

Choose twelve credits:

ANT 300 Women and Work.....	3
ART 355 Women, Gender, and Art	3
CRM 317 Race, Gender, and the Criminal Justice System.....	3
ENG 228 Poetry of Women.....	3
ENG 307 Medieval Women Mystics.....	3
ENG 324 Literature by Women Authors of Latin America.....	3
ENG 356 Women Writers to 1900.....	3
ENG 357 20th Century Women Writers.....	3
ENG 365 Topics in Literature/Language	3
(when topically appropriate)	
ENG 373 Studies in Rhetoric & Comp	3
(when topically appropriate)	
FRE 231 Women Writers from French-speaking Countries.....	3
FRE 331 Perspectives on Women’s Issues	3
GEO 306 Gender, Justice, Environment.....	3
GEO/PSC/WST 336 Politics of Race and Violence	3
GEO 338 Geopolitics	3

HIS 244 Immigrant Women	3
HIS 317 Women and Family in Western Society.....	3
HIS 363 Gender in History	3
PHI/WST 361 Feminist Philosophies	3
PSC 227 Women and Politics.	3
PSC 326 Politics of Race, Class, and Gender.....	3
PSY 315 Psychology of Gender.....	3
PSY 319 Human Sexuality	3
SOC 208 Gay, Lesbian, and Bisexual Lives	3
SOC 212 Sociology of Families	3
SOC 240 Sociology of Gender.....	3
SOC 310 Women and Crime.....	3
SOC 347 Black Women's Studies.....	3
SOC 373 Collective Behavior and Social Movement.....	3
WST 490 Internship in Women's Studies	1-3
(may be repeated for credit)	
WST 491 Teaching Assistant in Women's Studies	3
<i>^meets Stage 2 University Writing Requirement ^^meets Stage 3 University Writing Requirement</i>	

ACADEMIC MINORS

ACCOUNTING

Accounting and Business Information Systems Department
Department Chair: K. Niki Kunene

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, and (2) to develop the critical thinking skills needed to understand the consequences of those accounting principles. No more than one advanced Accounting course can be transferred to Eastern.

The minor in Accounting is open to all University students and is designed to provide flexibility to those who wish to enrich their major area with a greater understanding of accounting procedures and techniques.

Required Courses

ACC 201 Principles of Accounting I.....	3
ACC 301 Intermediate Accounting I.....	3
ACC 302 Intermediate Accounting I.....	3
ACC 303 Intermediate Accounting III.....	3

Minor Elective

Choose one:

ACC 310 Cost Accounting Systems.....	3
ACC 311 Advanced Managerial Accounting.....	3
ACC 416 Federal Individual Taxation	3

ANTHROPOLOGY

Sociology, Anthropology, Criminology, and Social Work Department
Department Chair: Theresa Severance
Program Coordinator: Ricardo Perez

The Anthropology minor helps the student understand cultures throughout the world. The study of cross-cultural issues is important for many fields. 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, Communication, 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.

Required Courses

ANT 106 Introduction to Cultural Anthropology	3
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Minor Electives

Choose twelve credits in Anthropology

ART HISTORY

Art and Art History Department
Department Chair: Maeve Doyle
Assistant Chair: Lora Lee

Art History is the study of artworks within their stylistic, historical, and social contexts. Students in the Art History minor experience a world of art, explore connections between past and present visual culture, and discover the ways art can illuminate and perpetuate a culture's history, beliefs, and values. Art History also teaches skills of observation, visual literacy, critical thinking, and communication, which apply broadly in professional contexts in health sciences, teaching, art and design, communication, marketing, and more.

To earn an Art History minor, a student must complete 20 credits in Art History. Nine of those credits must be unique to the minor. Courses with a grade of less than 2.0 (C) will not count towards the minor.

Required Courses

ART 211 Introduction to Art History: Prehistory to 1400.....	4
ART 212 Introduction to Art History: 1400 to the Present.....	4

Minor Electives

Choose four courses:

ART/LAS 224 Latin American Art.....	3
ART 225 Asian Art and Culture.....	3
ART 229 Medieval Art & Architecture	3
ART 233 Graphic Design History	4
ART 250 Photography & New Media as History.....	3
ART 313 Renaissance Art	3
ART 316 Art and Travel.....	3
ART 345 Museums and Exhibitions	4
ART/WST 355 Women, Gender, and Art.....	3
ART 360 American Art	3
ART 365 Special Topics in Art (when topically appropriate).....	3
ART 369 African American Art	3
ART 371 Islamic Art and the Museum	3
ART 401 Art History Topics	4
ART 402 Issues in Contemporary Art	4
ART 470 Advanced Topics in Art (when topically appropriate).....	3
ART 480 Independent Study.....	1-6
ART 490 Internship	1-6

ASIAN STUDIES

History Department

Department Chair: Caitlin Carenen

Assistant Chair: Scott Moore

The Asian Studies minor encourages students to make interdisciplinary connections while introducing them to the rich histories and cultures of world regions which have 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 Administration, Communication, Economics, Education, History, Performing Arts, Political Science, Sociology and Visual Art. The minor 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:*

Choose five courses:

ART 225 Asian Art and Culture.....	3
BUS 450 International Business	3
CHI 110 Introductory Chinese I.....	3
CHI 111 Introductory Chinese II	3
ENG 258 Asian American Literature	3
HIS 275 Introduction to East Asian History	3
HIS 371 The Making of China's Tradition.....	3
HIS 372 China in Revolution	3
HIS 373 Mao's China.....	3
HIS 374 Early Japan	3
HIS 375 Modern Japan.....	3
JPN 110 Introductory Japanese I.....	3
JPN 111 Introductory Japanese II	3
JPN 116 Introduction to the Japanese World.....	3

MUS 330 Korean Music and Culture	3
PHI 210 Asian Philosophies	3
PSC 250 Asian Politics	3
THE 269 Asian Theatre	3

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 study abroad or travel courses may count toward the minor with consent from the program coordinator.

No more than two courses in an Asian language may count toward the minor's course minimum ... (Note: JPN 116, CHI 138 and CHI 250 are not language courses).

For independent studies, seminars, and travel courses: No more than two special topics courses, independent studies, seminars, and study abroad or travel courses may count toward the minor with the consent of the program coordinator.

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.

ASTRONOMY OUTREACH AND PUBLIC PRESENTATION

Physical Science Department
Department Chair: John Toedt
Assistant Chair: Darrell Koza

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. Students will learn the science of astronomy and the fundamental technical skills for the operation of the planetarium.

Required Courses

The minor is 18 credits and a minimum grade of 2.0 (C) is required in each class within the minor.

AST 214 Descriptive Astronomy with Lab	4
AST 225 Stars and Galaxies	3
AST 226 Introduction to the Solar System	3
AST 490 Planetarium Workshop	1-6
AST 495 Planetarium Internship	1-6

Because AST 490 and 495 are variable-credit classes, the exact credit a student receives in these classes must be determined through consultation with the instructor. Students must take at least one of the following electives to bring the total of the minor to 18 credits:

Minor Electives

Choose one course:

AST 360 Topics in Astronomy	1-6
AST 375 Mathematical Astronomy and Astrophysics	3
AST 380 Tutorial in Astronomy	1-4
AST 480 Independent Study	1-4
PHY 205 Physics II with Lab	4
PHY 209 Physics with Calculus II with Lab	4

BIOCHEMISTRY

Physical Science Department
Department Chair: John Toedt
Assistant Chair: Darrell Koza

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).

Required Courses

CHE 216 Organic Chemistry I with Lab	4
CHE 217 Organic Chemistry II with Lab	4

CHE 316 Biochemistry I.....	3
CHE 317 Biochemistry I Lab.....	1
CHE 318 Biochemistry II.....	3

Minor Electives

Choose one course:

BIO 334 General Microbiology with Laboratory	4
BIO 422 Plant Ecology with Laboratory.....	4
BIO 450 Biotechnology with Laboratory.....	4
CHE 323 Physical Biochemistry	3

BIOINFORMATICS

Computer Science Department
Department Chair: Garrett Dancik

The Bioinformatics minor is designed to prepare students to use computers to analyze genomic information, which is revolutionizing our understanding of health and disease.

Bioinformatics is an interdisciplinary science that involves the development and use of computational, statistical, and mathematical tools to store and analyze large biological datasets, such as genomic sequences. Bioinformatics is routinely used in genomics research and in personalized medicine. For example, bioinformatics analyses have led to an increased understanding of genetic diseases, such as Parkinson’s disease, and are being used to tailor medical treatments for cancer patients, based on the genomics of the tumor.

The Bioinformatics minor will:

- introduce students to core concepts in computer programming, genomics, and data analysis
- expose students to current Bioinformatics tools and databases
- train students to apply bioinformatics programming and analytic skills to solve biological problems
- prepare students who want to pursue graduate studies in Bioinformatics or Computational Biology or for related careers

The minor requires a total of 19-21 credits as follows:

Required Courses

Choose one:

CSC 202 Introduction to Programming and Machine Intelligence.....	3
CSC 210 Computer Science and Programming I.....	3

Choose one:

MAT 216 Statistical Data Analysis.....	3
MAT 315 Applied Probability and Statistics.....	3

Choose one option:

BIO 230 Genetics with Laboratory	4
BIO 304/314 Genetics and Society with Lab.....	4
CSC 314 Introduction to Bioinformatics.....	3
CSC 315 Genomic Data Analysis.....	3

Minor Elective

Choose one:

BIO 436 Molecular Genetics with Laboratory	4
BIO 450 Biotechnology with Laboratory.....	4
CSC 305 Data Mining and Machine Learning	3
CSC 342 Advanced Database Systems.....	3
CSC 350 Numerical Analysis	3
MAT 373 Explorations in Mathematical Biology.....	3

**Additional elective courses may count with approval of the Bioinformatics coordinator and the Department Chair.*

BIOLOGY

Biology Department
Department Chair: Joshua Idjadi
Assistant Chair: W. Brett Mattingly

The Biology minor consists of BIO 120, BIO 140, BIO 230, BIO 240 and one upper-level Biology course with lab designated for Biology majors. Each of the four prerequisite core courses must have a grade of C- or better. At least three of the five required courses must be taken at Eastern. Any student who plans to work toward the Biology minor must meet with the assistant chair of the Biology Department for approval of the plan of study.

Required Courses

BIO 120 Organismal Biology with Laboratory	4
BIO 140 Cell Structure and Function with Lab	4
BIO 230 General Genetics with Laboratory	4
BIO 240 Ecology with Laboratory	4

Minor Electives

Choose four credits:

BIO 324 Entomology with Laboratory	4
BIO 330 Cell Biology with Laboratory	4
BIO 332 Biology of Plants with Laboratory	4
BIO 334 General Microbiology with Laboratory	4
BIO 336 Invertebrate Biology with Laboratory	4
BIO 338 Vertebrate Biology with Laboratory	4
BIO 340 Parasitology with Laboratory	4
BIO 342 Herpetology with Lab	4
BIO 344 General Mycology with Laboratory	4
BIO 346 Animal Behavior with Laboratory	4
BIO 348 Functional Human Anatomy with Laboratory	4
BIO 350 Human Physiology with Laboratory	4
BIO 358 Desert Ecology and Biogeography	4
BIO 365 Special Topics in Biology	4
BIO 422 Research in Molecular Biology with Laboratory	4
BIO 424 Biological Chemistry with Laboratory	4
BIO 426 Biology of Cancer with Lab	4
BIO 428 Virology with Laboratory	4
BIO 430 Endocrinology with Laboratory	4
BIO 432 Histology with Laboratory	4
BIO 434 Developmental Biology with Laboratory	4
BIO 436 Molecular Genetics with Laboratory	4
BIO 438 Plant Physiology with Laboratory	4
BIO 440 Aquatic Biology with Laboratory	4
BIO 442 Plant Ecology with Laboratory	4
BIO 444 Population and Community Ecology with Laboratory	4
BIO 448 Physiological Ecology with Laboratory	4
BIO 450 Biotechnology with Laboratory	4
BIO 452 Conservation Biology with Lab	4
BIO 454 Biological Invasions with Lab	4

BIO 456 Marine Ecology with Lab	4
BIO 458 Regenerative Medicine	4
BIO 460 Medical Genetics with Lab	4
BIO 462 Immunology with Lab	4
BIO 320/360 Tropical Biology/Tropical Ecosystems	4
BIO 319/320 Oceanic Island Ecology/Tropical Biology	4

BUSINESS ADMINISTRATION

Business Administration Department
Department Chair: Emiliano Villanueva
Assistant Chair: Mihyun Kang

The minor in Business Administration is open to all university students and is designed to serve students in non-business disciplines who might find this minor useful for making themselves employable to companies seeking graduates with a basic understanding of business. The minor is also designed for students who intend to engage in the gig economy, start their own business, or join and contribute to a family business.

Required Courses

BUS 201 Principles of Management.....	3
BUS 225 Principles of Marketing.....	3

General Business Courses

Choose two (6 credits):

ACC 201 Principles of Accounting	3
BIS 205 Information Management.....	3
FIN 245 Business Finance.....	3
OSC 260 Operations Management	3
ECO 215 Statistics for Business and Economics	3
OR	
MAT 216 Statistical Data Analysis.....	3

Business Electives

Choose two (6 credits):

BUS 326 Sales Management	3
BUS 331 Organizational Behavior	3
BUS 333 Human Resource Management.....	3
BUS 350 Healthcare Management.....	3
BUS 428 Marketing Research	3
BUS 450 International Business	3

BUSINESS ANALYTICS

Accounting and Business Information Systems Department
Department Chair: K. Niki Kunene

The Business Analytics minor is designed to develop business data analysis capabilities, technology skills, and knowledge that can be applied to a variety of organizational and decision contexts. Thus, it will enable a demonstration and understanding of how data acquisition, management, analysis, and data story visualization are performed, and can be transformed into actionable insights, effective decision-making, and leveraged for achieving organizational objectives. The minor is designed to develop and enhance analytical skill sets needed for current or future careers across various discipline fields and industries. The flexibility of the Business Analytics minor will allow the acquisition of information systems and business and other data analytical skills most relevant to a variety of career paths, major programs of study, or secondary areas of interest.

Upon completion of the minor, a student will be able to analyze data related to a wide variety of business processes, organizational, and economic sectors. This includes developing skills for critical thinking for problem identification and data analysis approach selection, gaining proficiency with common business analytic methodologies and practices as well as acquiring, combining, cleans-

ing, manipulating, & analyzing diverse datasets using a variety of tools. Those skills, along with technical capabilities and skills, enable a strategic and holistic understanding of business analytics/intelligence and organizational decision-making contexts to support diverse stakeholder groups' needs. Plus, the Business Analytics minor offers skillsets supporting better operational, tactical, and strategic decision making ethically, as well as effective communication of analyses using data visualization and other techniques.

The Business Analytics minor requires 18 credits and is suitable for Eastern students from a wide variety of programs, including transfer and non-traditional students. At least four of the courses below should be taken at Eastern.

Required Courses

BIS 205 Information Management.....	3
BIS 305 Business Analytics	3
BIS 373 Business Database Management	3

Choose one:

BIS 447 Business Intelligence and Data Solutions.....	3
BIS 449 Data Visualization	3

Statistics

Choose one:

ECO 215 Statistics for Business and Economics.....	3
MAT 216 Statistical Data Analysis	3
SOC 351 Statistics for Social Research.....	4

Minor Elective

Choose one:

OSC 360 Supply Chain Management.....	3
OSC 363 Introduction to Six Sigma Continuous Improvement.....	3
BUS 380 Quality Management in Healthcare.....	3
BUS 428 Marketing Research	3
BUS 433 Strategic Talent Management	3
ECO 305 Introduction to Econometrics	3
FIN 346 Investment Analysis	3

BUSINESS INFORMATION SYSTEMS

Accounting and Business Information Systems Department
Department Chair: K Niki Kunene

The Business Information Systems (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, with no more than one course being transferred to Eastern in the third course category.

The BIS minor allows flexible combinations that complement many majors, providing great job opportunities. The BIS minor is designed to incorporate a variety of BIS elective courses to select from that will provide the matching complementary information systems and technology skills for several majors (i.e., Finance, Management, Marketing, and Operations Management).

Required Courses

BIS 361 Business Information Systems	3
BIS 370 Systems Analysis and Design	3
BIS 205 Information Management.....	3

Minor Elective

Choose one course:

ACC 201 Principles of Accounting I.....	3
BUS 201 Principles of Management.....	3
BUS 225 Principles of Marketing.....	3
BUS 230 Business and Society	3
FIN 245 Business Finance.....	3
OSC 260 Operations Management	3

Upper Level Minor Electives

Choose two:

ACC 420 Accounting Information Technology..... and Business Solutions	3
BIS 305 Business Analytics	3
BIS 340 Business Data Communications and E-Networks.....	3
BIS 364 Introduction to Social Informatics.....	3
BIS 365 Emerging Technologies and Business Applications	3
BIS 367 Human Computer Interaction and Design.....	3
BIS 368 Interorganizational Healthcare Information Systems	3
BIS 373 Business Database Management	3
BIS 375 Electronic Commerce	3
BIS 378 Business Database Applications	3
BIS 430 Enterprise Resource Planning and E-Business.....	3
BIS 437 Rapid Information Technology Development Management	3
BIS 442 Information Technology Project Management.....	3
BIS 447 Business Intelligence and Data Solutions.....	3
BIS 449 Data Visualization	3
BUS 469 Seminar in Special Topics.....	3
FIN 445 Case Studies in Financial Management Using..... Electronic Spreadsheets	3

CANNABIS CULTIVATION & CHEMISTRY

Biology Department

Department Chair: Joshua Idjadi

Assistant Chair: W. Brett Mattingly

This program trains students to cultivate and chemically analyze Cannabis or hemp. It is both a hands-on and theoretical course of study giving students an appropriate background to pursue a career in the industry or to go on to graduate studies (15 or 16 credits).

Required Courses

BIO 222 Sustainable Cannabis Cultivation.....	4
CHE 302 Chemical Analysis of Cannabis.....	4

Choose one

BIO 324 Entomology with Lab	4
BIO 332 Biology of Plants with Lab.....	4
BIO 344 General Mycology with Lab	4
BIO 438 Plant Physiology with Lab	4
BIO 442 Plant Ecology with Lab.....	4

CHE 216 Organic Chemistry I with Lab	4
CHE 320 Quantitative Chemical Analysis with Lab	4
EES 205 & EES 207 Sustainable Energy and.....	4
Sustainable Energy Lab	
PBH 441 Regulatory Affairs in Public Health.....	3
Minor Electives Choose One	
BIO 230 Genetics with Lab	4
BIO 378 Biology Research and Data Analysis.....	3
BIO 450 Biotechnology with Lab	4
CHE 316 & CHE 317 Biochemistry I with Lab.....	4
EES 222 Water and Society.....	3
EES 306 Sustainable Buildings	3
HSC 215 Biology for Health Sciences	4
HSC 306 Introduction to Health Policy	3
HSC 408 Principles of Pharmacology.....	3
MAT 216 Statistical Data Analysis	3
PBH 228 Introduction to Public Health.....	3
BIO Internship option, permission needed	3
CHE Internship option, permission needed.....	3

CHEMISTRY

Physical Sciences Department
Department Chair: John Toedt
Assistant Chair: Darrell Koza

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.

Required Courses

CHE 216 Organic Chemistry I with Lab.....	4
CHE 217 Organic Chemistry II with Lab	4

Minor Elective

Choose three courses:

CHE 310 Environmental Chemistry.....	3
CHE 316 Biochemistry I.....	3
CHE 320 Quantitative Chemical Analysis with Lab	4
CHE 322 Physical Chemistry for the Life Sciences	3
CHE 323 Physical Biochemistry.....	3
CHE 370 Organic Qualitative Analysis.....	4
CHE 380 Tutorial in Chemistry	1-4
CHE 425 Chemical Instrumentation w/Lab	4
CHE 480 Independent Study.....	1-4
CHE 492 Directed Research	1-6

Note: a minimum of three courses in this minor must be unique to the minor and cannot be counted toward any other graduation requirement.

CINEMA STUDIES

Communication, Film & Theatre Department
Department Chair: Alycia Bright-Holland
Assistant Chair: Andrew Utterback

Cinema Studies is an interdisciplinary minor intended for students who wish to focus on the history, theory, criticism, and global perspectives of cinema.

Required Course

FLM 101 Introduction to Cinema Studies3

Elective Courses 12 credits

Select four courses from the following:

ARA 219 Arab Culture Through Film 3
CHI 216 Chinese Culture Through Film..... 3
ENG 339 Shakespeare and Film3
ENG 359 Film Theory 3
ENG 374 Rhetoric of Hollywood Film..... 3
FLM 321 American Cinema 3
FLM 322 World Cinema 3
FLM/FRE 223 French Cinema 3
FLM 352 Representation & Diversity in Film 3
ITL 219 Italian Cinema 3
MUS 307 Film Music in History/Culture 3
SPA/FLM/LAS 219 Hispanic Screen Cultures:3
From Film to the Internet
THE 351 Adaptation/Media/Performance 3

COACHING

Health Sciences and Nursing Department
Department Chair: Yaw Nsiah
Assistant Chair: Amy Bataille

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.

The grade of “C” or higher must be earned in all physical education major and minor courses.

Required Courses

HSC 307 Strength and Conditioning.....3
HSC 320 Sports Nutrition3
HSC 370 Athletic Training3
HSC 332 Coaching Youth Sports.....3

Choose one:

HPE 413 Physiology of Exercise3
HSC 356 Exercise Physiology with lab.....4

CPR and First Aid Certifications are required.

Please note: Prerequisites may apply to certain classes. It is recommended that students wishing to minor in Coaching speak to the chair of the KPE Department before declaring the minor.

COMMUNICATION

Communication, Film & Theatre Department
Department Chair: Alycia Bright-Holland
Assistant Chair: Andrew Utterback

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 role of the media in contemporary society. Fifteen semester hours of credit in the communication field are necessary to fulfill the requirements for a minor.

To earn a Communication minor, a student must take 15 credits of Communication courses. At least 6 of the 15 credits must be at the 200-level or above, and 9 credits must be completed at Eastern.

Note: Practicum, Internship, and Non-Equivalent Transfer Credit do not count toward the Communication Minor (COM 1xx; 2xx; 3xx; 4xx; 190; 191; 290; 291; 292; 490; 491)

COMPUTER ENGINEERING SCIENCE

Computer Science Department
Department Chair: Garrett Dancik

Objectives

This minor is designed to provide students with the mathematical background and practical experience expected of computer engineering minors. The objectives of the Computer Engineering Sciences minor are the following:

- To give students a background in Engineering to assist them in graduate Engineering schools.
- To assist students in pursuing careers in Engineering.
- To afford science and mathematics students an experience in Engineering.

Required Courses

CSC 350 Numerical Analysis	3
CSC 351 Signals and Systems	3
CSC 355 Digital Logic Lecture.....	3
MAT 310 Applied Linear Algebra	3
MAT 340 Calculus III with Technology	4

Minor Electives

Choose one computer science elective numbered 300 or above.

COMPUTER SCIENCE

Computer Science Department
Department Chair: Garrett Dancik

Objectives

The Computer Science minor is designed for students who anticipate that computer science will have a prominent role to play in their academic and professional careers. The minor emphasizes fundamental programming skills and hands-on experience applying those skills to computer-related projects.

Required Courses

CSC 210 Computer Science and Programming I.....	3
CSC 231 Computer Science and Programming II	3
CSC 270 Data Structures and Algorithms	3

Minor Electives

Choose six credits in computer science courses numbered 201 and higher or two additional courses in the discipline of computing that are approved by the chair of the Computer Science Department.

COSTUME AND FASHION DESIGN

Art and Art History Department
Department Chair: Maeve Doyle
Assistant Chair: Lora Lee

The interdisciplinary minor in Costume and Fashion Design is intended for students interested in developing skills and abilities in the areas of costume and fashion design, and to prepare for careers and/or further professional development in these highly desirable fields of employment. Using hands-on and computer-aided design and illustration techniques, students will create garments and accessories and learn the basics of textile design and production. The core courses cover aesthetics, technology, and basic skills development in textiles, costume, and fashion design. The elective courses cover more specialized areas related to costume and fashion history and pattern-making techniques.

The Costume and Fashion Design minor consists of a minimum of 18 credits, distributed among four core required courses (12 credits) and two electives (six credits).

Required Courses

ART 202 Drawing I	3
ART 214 Fashion Design & Illustration	3
THE 278 Introduction to Costume Technology	3
THE 279 Costume History	3

Minor Electives

Choose six credits:

ART 122 Digital Illustration & Page Layout	3
ART 309 Figure Drawing	3
ART 322 Traditional Illustration	3
ART 418 Printing for Textiles	3
THE 288 Stage Makeup	3
THE 368 Surface Design on Fabric	3
THE 378 Costume Design	3
THE 379 Pattern Making	3
THE 480 Independent Study in Theatre	5-6

CRIMINOLOGY

Sociology, Anthropology, Criminology and Social Work Department

Department Chair: Theresa Severance
Program Coordinator: Nicholas Parsons

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

CRM 210 Introduction to Criminology	3
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Choose a minimum of 3 credits:

CRM 475 Criminology Internship: Group Supervision	3
CRM 490 Criminology Internship: Individual Supervision	3

Crime Topics

Choose 6 credits:

ANT 358 Anthropology of Violence	3
CRM/SOC 101 Criminal Justice and Society	3
CRM 105 Criminal Justice and Community Relations	3

CRM 317 Race, Gender, and the Criminal Justice System.....	3
CRM 260 True Crime in the 21 st Century.....	3
CRM 320 The Death Penalty in America	3
CRM 340 Current Controversies in Criminology.....	3
CRM 345 Crime in Time and Space	3
CRM 350 Guns, Gangs, Drugs and Violence	3
CRM 355 Organized Crime	3
CRM 360 Justice Alternatives and the Arts	3
CRM 365 Special Topics in Criminology	1-3
SOC 209 Juvenile Delinquency.....	3
SOC 220 Sociology of Corrections	3
SOC 310 Women and Crime	3
SOC 311 Drugs and Society.....	3
SOC 315 Crime and Media.....	3
SOC 318 Violence in Relationships	3
SOC 325 Law and Society	3
SOC 365 Topics in Sociology (when topically appropriate)	1-3

Social Inequality/Diversity

Choose 6 credits:

ANT 225 Contemporary Puerto Rican Culture and Society.....	3
ANT 240 Latinos in the United States	3
ANT 345 Transnational, Racial, and Ethnic Identity.....	3
SOC 208 Gay, Lesbian, and Bisexual Lives	3
SOC 240 Sociology of Gender.....	3
SOC 250 Social Inequality.....	3
SOC 307 Deviance.....	3
SOC 312 Sociology of Mental Illness.....	3
SOC 346 Race and Ethnic Relations	3

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 apply up to nine credits of Criminology courses toward the Sociology major.

CYBERSECURITY

Computer Science Department
Department Chair Garrett Dancik

The Cybersecurity minor enhances students' understanding of modern cybersecurity concepts, technologies, and tools. It provides an opportunity for students to develop essential cybersecurity and networking skills aligned with their academic and professional goals. Students will gain expertise in identifying vulnerabilities, detecting attacks, and implementing security solutions. With the increasing integration of computers into various fields, this minor equips students with the knowledge needed to design systems resilient to cyber threats.

Required Courses:

CSC 205 Cybersecurity & Society	3
CSC 202 Introduction to Programming & Machine Intelligence	3
OR	
CSC 303 Python Programming	3
CSC 251 Networking Fundamentals	3
CSC 333 Cryptography	3

DATA and INFORMATION ENGINEERING

Computer Science Department
Department Chair: Garrett Dancik

The goal of the Data and Information Engineering Minor is to prepare students to design systems and solutions for the collection and analysis of data. Data engineers prepare data and create data pipelines for operational use by data scientists and analysts, which ultimately leads to knowledge discovery and better products and services. This is an 18-credit minor.

Required Courses

CSC 202 Intro to Programming & Machine Intelligence	3
CSC 203 Advanced Programming for Data Science	3

Choose one:

BIS 205 Information Management.....	3
BIS 379 Data Wrangling.....	3
BIS 447 Business Intelligence & Data Solutions.....	3

Database Course

CSC 341 Database and Info Management	3
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Minor Electives

Choose two:

CSC 210 Computer Science and Programming I.....	3
CSC 231 Computer Science and Programming II	3
CSC 249 Visual Basic OR CSC 259 Advanced Visual Basic	3
CSC 251 Networking Fundamentals	3
CSC 305 Data Mining & Machine Learning	3
CSC 342 Advanced Database Systems.....	3
CSC 343 Big Data Programming & Management	3

Additional electives with coordinator's approval

DIGITAL ART & MEDIA DESIGN

Art and Art History Department
Department Chair: Maeve Doyle
Assistant Chair: Lora Lee

To earn a Digital Art & Media Design minor, a student must complete 18 credits in Digital Art & Media Design courses with at least six of those at the 200-level or higher. Students interested in the Digital Art & Media 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 must include eight samples of the student's work (two examples each from Illustrator, InDesign, Photoshop, and Online Media). Portfolios must be carefully prepared according to available guidelines. After portfolios are submitted and program admission is approved, students can enroll in upper-level Digital Art & Media Design courses, most of which require portfolio acceptance. A minor must include nine unique credits. Courses with a grade of less than 2.0 (C) will not count toward the minor.

Required Courses

ART 122 Digital Illustration and Page Layout	3
ART 124 Digital Imaging and Online Media.....	3
ART 203 Graphic Design I.....	3
ART 329 Graphic Design II	3

Minor Electives

Choose two:

ART 213 Information Graphics	3
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ART 233 Graphic Design History	4
ART 310 Web Design I.....	3
ART 323 Introduction to 3D Modeling	3
ART 325 2D Animation.....	3
ART 326 User Interface & Interaction Design	3
ART 327 Magazine Design.....	3
ART 330 Packaging Design	3
ART 332 Photo Imaging: Art & the Digital Camera.....	3
ART 335 Graphic Design III.....	3
ART 337 Virtual & Augmented Reality Design	3
ART 342 Digital Illustration.....	3
ART 343 Introduction to 3D Animation.....	3
ART 351 Motion Graphic Design.....	3
ART 365 Special Topics in Art (when topically appropriate).....	3
ART 403 Advanced 3D Animation	3
ART 412 Web Design II.....	3
ART 421 Digital Portfolio Preparation.....	3
ART 432 Design in the Real World	3

ECONOMICS

Economics and Finance Department
Department Chair: Maryanne Clifford

A minimum of twelve credits in the minor must be completed at Eastern.

Required Courses

ECO 200 Introductory Macroeconomics	3
ECO 201 Introductory Microeconomics	3

Minor Electives

Choose 4 courses, 12 credits, of economics courses at the 300-level or higher (excluding ECO 480, 490, 492).

ENGLISH

English Department
Department Chair: Stephen Ferucci
Associate Chair: Jordan Youngblood

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 Eastern's Liberal Arts Core. 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. Approval of a course of study for the minor program by the department chair is required.

ENVIRONMENTAL EARTH SCIENCE

Environmental Earth Science Department
Department Chair: Bryan Oakley
Assistant Chair: Stephen Nathan

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 chair.

The minor consists of a minimum of 18 credit hours. Nine of these hours must be unique to the minor.

Required Courses

EES 130 Ancient Environments with Laboratory	4
EES 224 Landform Analysis with Laboratory	4
Choose one:	
EES 104/112 Dynamic Earth/ Earth Science Lab.....	4
EES 106/112 Geology of National Parks/Earth Science Lab.....	4
EES 110/112 Introduction to Geology/Earth Science Lab	4
EES 220/112 Environmental Geology/Earth Science Lab	4
EES 220/221 Environmental Geology with Lab.....	4

Minor Electives

Choose six to eight credits of EES courses at the 300-level or above.

ENVIRONMENTAL HEALTH SCIENCE

Environmental Earth Science Department
Department Chair: Bryan Oakley Assistant
Chair: Stephen Nathan

The interdisciplinary Environmental Health Science minor explores the interrelationship between human health and the environment. The interplay of human activities, natural earth processes, and ecological processes influences both human health and the quality of the environment. The Environmental Health Science minor is particularly appropriate for students majoring in Health Sciences, Environmental Earth Science, and Biology. It is also of great value to students whose careers will involve interacting closely with the general public. This minor would greatly benefit majors in Communication, Sociology, Social Work, and Political Science.

The objectives of the minor are to:

- expand student awareness of environmentally driven disease and injury
- assist students in pursuing careers in environmental health, public health, and environmental science
- prepare students for graduate studies in Environmental Health Science

The Environmental Health Science minor consists of 16 credits, nine of which must be unique to the minor. Students must receive a grade of 2.0 or higher in each course applied toward the minor.

Required Courses

EHS 210 Environmental Health Science	3
EHS 324 Environmental Toxicology	3
BIO/PBH 206 Epidemiology for Liberal Arts.....	3

Choose one:

EES 300/301 Basics of Geographic Information Systems and Lab	4
EES 340 Geographic Information Systems with Laboratory.....	4

Minor Electives*

Choose one:

EES 323 Drinking Water Management	3
EES 423 Health and Safety Hazardous Waste Sites.....	3
EHS 410 Hydrogeology.....	3
EHS 420 Occupational Health and Safety.....	3
EHS 480 Independent Study	3
EHS 494 Field Experience in Environmental Health Science	3
PBH 323 Drinking Water Management	3
PSC 350 Public Policy/Decision Making.....	3

** Selected with approval of the Environmental Health Science Minor Advisor*

ENVIRONMENTAL SCIENCE

Environmental Earth Science Department
 Department Chair: Bryan Oakley
 Assistant Chair: Stephen Nathan

The Environmental Science minor is designed for students outside of the Environmental Earth Science Program who want to expand their understanding of the environment through topics rooted in the earth sciences and other disciplines of Environmental Science. The minor provides the opportunity to apply the interdisciplinary study of environmental science across the curriculum, and pairs well with any major, but aligns particularly well for students majoring in Political Science, Biology, Economics, or Business Administration who want to work within their field to tackle the environmental issues of the 21st century. Students interested in declaring an Environmental Science minor should meet with the program director.

Required Courses

EES 224 Landform Analysis	4
Choose one:	
EES 220/221 Environmental Geology with Lab (recommended)	4
EES 220/112 Environmental Geology/Earth Science Lab	4
EES 104/112 Dynamic Earth / Earth Science Lab.....	4
EES 110/112 Introduction to Geology/Earth Science Lab.....	4
EES 106/112 Geology of National Parks/Earth Science Lab.....	4

Minor Electives

Choose one:	
BIO 130 Ecology with Lab	4
EES 204 Global Climate Change.....	3
EES 205 Sustainable Energy.....	3
EHS 210 Environmental Health Science	3

Choose two:

BIO 301 Microbes and Your Health.....	3
EES 300 Introduction to Geographic Information Systems	3
Or	
EES 340 Geographic Information Systems.....	4
EES 315 Environmental Science and Society	3
EES 320 Environmental Management	3
EES 321 Watershed Management	3
EES 323 Drinking Water Management	3
EES 456 Coastal Geologic Hazards.....	3
EHS 324 Environmental Toxicology	3
EHS 410 Hydrology for Env. Health Prof.....	3
ECO 322 Environmental Economics	3
GEO 306 Gender, Justice, Environment.....	3
GEO 331 Geography of Food.....	3
PSC 351 Environmental Politics and Society	3

FRENCH

World Languages and Cultures Department
 Department Chair: Kin Chan

15 credits beyond elementary level (i.e. FRE 110/111).

GAME DESIGN

Computer Science Department
Department Chair: Garrett Dancik

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 School of Arts and Sciences houses the minor in Game Design, all undergraduate students from across the University are eligible to complete the minor.

Required Courses

ART 323 Introduction to 3D Modeling	3
OR	
ART 343 Introduction to 3D Animation.....	3
CSC 311 Computer and Video Games Development.....	3

Minor Electives

Choose nine credits:

ART 337 VR & AR Design	3
ART 351 Motion Graphic Design.....	3
ART 403 Advanced 3D Animation	3
CSC 251 Networking Fundamentals	3
OR	
CSC 401 Networking and Distributed Computing	3
CSC/MAT 350 Numerical Analysis.....	3
CSC 375 Artificial Intelligence.....	3
ENG 360 Digital Game Studies.....	3
MUS 372 Multimedia Composition	3
SOC 320 Video Games and Society	3
THE 261 Visual Storytelling.....	3
OR	
THE 345 Programming for Interactive Design.....	3
<i>Any 300/400 level course by arrangement with the coordinator</i>	

GENETIC COUNSELING

Biology Department
Department Chair: Joshua Idjadi
Assistant Chair: W. Brett Mattingly

Genetic Counseling is a rapidly growing field in which individuals with expertise in genetics work with clients to determine genetic risks for health conditions, advise them on the implications of those risks, and provide support and counseling. A master's degree in Genetic Counseling is required to become a Genetic Counselor. The minor is designed to introduce any interested students to the field of genetic counseling and to provide some of the prerequisite coursework to students who wish to apply to graduate programs in Genetic Counseling. The Genetic Counseling minor consists of 16-17 credits and at least nine credits must be unique to the minor. Students will take a course in genetic counseling and one course each in the categories of ethics, genetics, Psychology and Bioinformatics/Statistics. Nine credits must be taken at Eastern.

Required Courses

BIO 210 Genetic Counseling	3
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Genetics Course

Choose one:

BIO 304/314 Genetics and Society with Laboratory	4
BIO 230 Genetics with Laboratory	4

Ethics Course

PHI 220 Ethics	3
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Psychology Course

Choose one:

PSY 301 Adult Psychopathology.....	3
PSY 302 Child Psychopathology	3
PSY 314 Psychology of the Infant and Toddler.....	3
PSY 325 Health Psychology.....	3
PSY 430 Human Neuropsychology.....	3
PSY 450 Counseling and Clinical Psychology	3

Bioinformatics/Statistics Course

Choose one:

BIO 378 Biological Research and Data Analysis.....	3
CSC 314 Introduction to Bioinformatics.....	3
MAT 216 Statistical Data Analysis.....	3
MAT 315 Applied Probability and Statistics.....	4
PSY 227 Behavioral Science Statistics	4

GEOGRAPHIC INFORMATION SYSTEMS

Environmental Earth Science Department
Department Chair: Bryan Oakley Assistant
Chair: Stephen Nathan

A Geographic Information System (GIS) stores, analyzes, and displays spatially-oriented data to improve decision-making in many disciplines. The strength of GIS is its ability to integrate data and to model complex physical processes. The GIS minor introduces students to the historical and current use of maps and cartography to convey or communicate a message in the introductory courses. As students advance through additional GIS courses, they are exposed to the many spatial analyses used to address issues related to environmental management, public policy, public health, and business using state-of-the-art mapping software. The objective of the minor is to enable students to apply the principles of spatial analysis to their academic discipline. The minor consists of a minimum of 17 credit hours. Nine of these hours must be unique to the minor.

Required Courses

EES 342 Advanced Geographic Information Systems with Lab.....	4
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Choose one:

EES 340 Geographic Information Systems with Laboratory.....	4
EES 300/301 Basics of Geographic Information Systems/Lab.....	4

Choose one:

EES 444 Geospatial Applications Using Remote Sensing	3
EES 480 Independent Study.....	1-6

Advisor Approved Electives

Choose two EES electives with advisor approval.

GEOGRAPHY

Political Science, Philosophy, and Geography Department

Department Chair: Courtney Broschius

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, Communication, and Business Administration. Geography is an excellent background for students who wish to develop careers in teaching, development, policy, or other service professions.

Required Courses

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.

Minor Electives

GEO 100 Introduction to Geography	3
GEO 110 Urban Geography	3
GEO 201 Historical Geography of U.S. Cities	3
GEO 210 Geography of Canada.....	3
GEO 218 Regions of the World.....	3
GEO 228 Historical Geography of the United States.....	3
GEO 307 Gender, Justice, Environment.....	3
GEO 331 Geography of Food.....	3
GEO 332 Geographies of Tourism.....	3
GEO/PSC/WST 336 Politics of Race and Violence	3
GEO 365 Special Topics	3
GEO 471 Urban Studies Travel and Study.....	3
GEO 480 Independent Study.....	3

GEOMORPHOLOGY

Environmental Earth Science Department
Department Chair: Bryan Oakley Assistant
Chair: Stephen Nathan

The study of earth surface processes and landforms, which applies principles of physics, chemistry, hydrology, and sedimentology to understand earth surface landscapes. The minor is designed to support and enhance the curriculum of a student majoring in Environmental Earth Science, although non-majors can enroll in the minor if they meet the pre-requisite requirements of the EES courses.

The minor consists of a minimum of 16 credit hours, nine of which must be unique to the minor.

Required Courses

Select at least two from:

EES 424 Glacial and Quaternary Geology ¹	3
EES 440 Process Geomorphology with Lab ¹	4
EES 456 Coastal Geologic Hazards ¹	3

Minor Electives

Choose a minimum of 9 credits from the courses below:

Please note; only 3 credits of CSC will count towards the minor

CHE 310 Environmental Chemistry*.....	3
CHE 320 Quantitative Chemical Analysis with Lab	4
EES 321 Watershed Management	3
EES 336 Applied Hydrogeochemistry with Lab	3
EES 342 Advanced Geographic Information Systems with Lab	4
EES 344 Sedimentology and Stratigraphy	4
EES 350 Field Methods	4
EES 441 Imaging and Image Analysis in EES	3
EES 444 Remote Sensing	3
EES 460 Special Topics ²	3
EES 480 Independent Study ²	3
MAT 243 Calculus I with Technology*.....	4

CSC 202 Intro to Programming & Machine Intelligence*	3
OR	
CSC 210 Computer Science and Programming I	3

Other courses may be accepted with the approval of the department chair.

1 EES 130 and 224 are Pre-requisites

2 Consent of Instructor/Dept. Chairperson

**Check course descriptions for prerequisites before planning your course schedule.*

HEALTH

Education Department
Department Chair: Mark Fabrizi
Associate Chair: Xing Liu

The grade of “C” or higher must be earned in all Physical Education and Sport Management major and minor courses.

Required Course

HPE 210 Personal Health	3
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Minor Electives

Choose twelve credits:

HPE 207 Nutrition Across the Lifespan	3
PBH 209 Nutrition and Public Health	3
HPE 310 Alcohol and Drugs	3
HPE 312 Group Dynamics in Health Education	3
HPE 320 Sports Nutrition	3
HPE 325 Holistic Health	3
HPE 326 Stress Management	3
HPE 340 Introduction to Health Curriculum	3
HPE 448 Teaching Health in the Secondary Schools	3

HEALTHCARE INFORMATICS

Accounting and Business Information Systems Department
Department Chair: K. Niki Kunene

The Healthcare Informatics minor integrates courses in several disciplines in a focused way to serve the emerging needs in this area. Healthcare providers are introducing considerable resources and opening new jobs in electronic medical records (EMR) and clinical information systems. The interdisciplinary program will prepare students for several jobs described by the American Society of Health Informatics Managers (ASHIM): application support and training, EMR consulting, desktop and network support, clinical analysts, business analysts, transition coordinators, data/information managers, privacy and security experts and health IT managers. It complements well the skills developed in such programs as Business Information Systems, Computer Science, Business Administration, Biology, Psychology or the B.G.S. in Public Health.

Required Courses

BIS 362 Healthcare Informatics	3
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Choose one:

BIS 205 Information Management	3
CSC 110 Introduction to Computing and Problem Solving	3
CSC 210 Computer Science and Programming I	3

Choose one pair:

BIS 370/OSC 363 Systems Analysis	6
and Design/Introduction to Six Sigma Continuous Improvement	

OR

CSC 215/CSC 305 Intro to Webpage Design.....	6
and Development/ Data Mining and Machine Learning	

Healthcare Informatics Elective

Choose one:

BIS 365 Emerging Technologies and Business Applications	3
BIS 367 Human Computer Interaction and Design.....	3
BIS 373 Business Database Management	3
BIS 490 Internship in BIS (when topically appropriate)	6
CSC 249 Visual Basic.NET.....	3
CSC 360 Topics in Computer Science (when topically appropriate)	3
CSC 491 Computer Internship (when topically appropriate).....	3

Public Health/Health Psychology Elective

Choose one:

BIO/PBH 228 Introduction to Public Health.....	3
PBH 209 Nutrition and Public Health.....	3
PSY 325 Health Psychology.....	3

HEALTHCARE MANAGEMENT

Business Administration Department
Department Chair: Emiliano Villanueva
Assistant Chair: Mihyun Kang

The Healthcare Management minor prepares students to contribute to improved outcomes of management functions in practices, labs, clinics, insurance companies, hospitals, and other healthcare-related organizations. It allows students with majors as diverse as Health Sciences, Psychology, and Finance to acquire the knowledge, skills, and abilities to become team leaders, supervisors, and managers in their primary fields. It focuses on the competencies identified by healthcare leadership organizations, including communication and relationship management, professionalism, leadership, knowledge of the healthcare environment, business skills, and knowledge.

Required Courses

BUS 201 Principles of Management.....	3
BUS 350 Healthcare Management.....	3

Analyzing Healthcare Issues

Choose two:

BIS 362 Healthcare Informatics.....	3
OSC 363 Introduction to Six Sigma Continuous Improvement.....	3
BUS 380 Quality Management in Healthcare.....	3
BUS 381 Healthcare Law	3
FIN 401 Health Insurance.....	3

Communicating About Healthcare

Choose one:

ECO 333 Health Economics	3
HSC 225 Medical Terminology	3
HSC/BUS 255 Health Communication and Social Marketing.....	3
PSY 325 Health Psychology.....	3

The Healthcare Environment

Choose one:

BIO 202 Human Biology Lecture	3
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PBH 209 Nutrition and Public Health.....	3
PBH 228 Introduction to Public Health	3

HISTORY

History Department
 Department Chair: Caitlin Carenen
 Assistant Chair: Scott Moore

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.

HUMAN RESOURCES MANAGEMENT

Business Administration Department
 Department Chair: Emiliano Villanueva
 Assistant Chair: Mihyun Kang

The minor in Human Resources Management is open to all university students and is designed to provide a basic understanding of the relationship between work and employment from the perspectives of several disciplines. By providing a 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.

Required Economics Courses (6 credits)

ECO 201 Introductory Microeconomics	3
Choose one:	
ECO 330 Labor Economics	3
ECO 333 Health Economics	3

Required Business Administration Courses (6 credits)

BUS 333 Human Resources Management	3
Choose one:	
BUS 330 Labor Relations and Employment Law	3
BUS 332 Management of Organizations.....	3
BUS 433 Strategic Talent Management	3
BUS 436 Global Human Resources Management	3

Required Psychology Courses (6 credits)

PSY 303 Industrial Organizational Psychology	3
Choose 1: 3	
PSY 304 Job Satisfaction and Motivation.....	3
PSY 305 Leadership in Organizations and Society	3
PSY 403 Seminar in Diversity at Work.....	3

HYDROGEOLOGY

Environmental Earth Science Department
 Department Chair: Bryan Oakley Assistant
 Chair: Stephen Nathan

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 to introduce students to the field of hydrogeology; educate students for hydrogeology-related employment, and prepare students for graduate studies in Hydrogeology. Courses taken toward the minor must be approved by the Environmental Earth Science Department's Hydrogeology coordinator. Students must receive a grade of 2.0 or higher in each course for the minor.

A minimum of 16 credits is required for the minor. Nine of these hours must be unique to the minor.

Required Courses

EES 336 Applied Hydrogeochemistry with Laboratory	3
EES 422 Groundwater Hydrology with Laboratory.....	4
MAT 244 Calculus II with Technology.....	4

Choose one:

CHE 216 Organic Chemistry I with Lab.....	4
CHE 322 Physical Chemistry for the Life Sciences	3

Minor Elective

Choose one:

EES 436 Introduction to Contaminant Hydrogeology.....	3
EES 457 Instrumental Methods in Environmental Earth Science.....	3
EES 460 Special Topics in Earth Science.....	4
EES 480 Independent Study in Earth Science	1-6
EES 491 Internship in Environmental Earth Science	1-15

INSURANCE

Economics and Finance Department
Department Chair: Maryanne Clifford

The Insurance minor is designed to enable students to learn about several aspects of the insurance industry, including risk management, life insurance, health insurance, insurer operations, commercial property, liability insurance, and legal/financial professional knowledge that applies to the insurance industry. Students will also develop the critical thinking and ethical reasoning skills needed to understand and respond to major initiatives, such as the Affordable Care Act. Students who wish to minor in insurance must complete a minimum of 15 credit hours from the courses listed below.

Finance Electives

Choose three:

FIN 300 Fundamentals of Insurance	3
FIN 400 Life Insurance	3
FIN 401 Health Insurance.....	3
FIN 402 Insurer Operations and Policy	3
FIN 403 Commercial Property and Liability Insurance.....	3

Business Electives

Choose two:

BUS 250 Business Law I	3
FIN 346 Investment Analysis	3
FIN 347 Financial Institutions and Markets.....	3
FIN 348 Personal Financial Planning.....	3
OSC 260 Operations Management	3

LATIN AMERICAN & CARIBBEAN STUDIES

Latin American and Caribbean Studies is an interdisciplinary minor specializing in the histories, cultures, and social structures of the region.

Choose fifteen credits:

ANT 225 Contemporary Puerto Rican Culture and Society.....	3
ANT 240 Latinos in the United States	3
ART 224 Latin American Art Topics.....	3
HIS 255 Introduction to Latin America.....	3
HIS 342 Modern Latin America.....	3

HIS 345 History of Mexico	3
HIS 346 Central America.....	3
HIS 347 History of Brazil.....	3
LAS/PSC 328 Latin American Politics	3
LAS/SPA 317 Hispanic Cultures.....	3
LAS/SPA 219 Hispanic Screen Cultures-From Film to the Internet.....	3
SPA 320 Spanish Literature I.....	3
SPA 321 Spanish Literature II.....	3
SPA 323 Readings in Latin American Literature.....	3

Up to six credits may be counted from intermediate (200-level or above) courses in one or more of the languages of the region. Other Latin America-related courses from Eastern or other universities, with the consent of the coordinator. Independent studies that focus on a Latin America-related issue.

LEADERSHIP COMMUNICATION

Communication, Film & Theatre Department

Department Chair: Alycia Bright-Holland

Assistant Chair: Andrew Utterback

The minor focuses on the development of interpersonal and organizational communication skills relating to leadership and contextualization of leadership in a specific organizational context. Students select four courses in interpersonal and organizational communication and one additional class relating to leadership in an area of professional interest.

Students majoring in Communication may not use any courses for both the major and the Leadership Communication minor.

Communication Skills for Leadership

Choose four:

COM 101 Interpersonal Communication	3
COM 201 Nonverbal Communication.....	3
COM 230 Public Speaking	3
COM 301 Persuasion	3
COM 312 Professional Presentations	3
COM 330 Organizational Communication	3
COM 331 Conflict Communication	3

Leadership in Context

Choose one:

BUS 331 Organizational Behavior	3
COM 375 Digital Media Branding and Politics	3
COM 401 Advanced Interpersonal Communication.....	3
COM 464 PR Crisis Management	3
MUS 361 Leadership in the Performing Arts.....	3
BUS 342 Leadership.....	3

MATHEMATICS

Mathematical Sciences Department

Department Chair: Megan Heenehan

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 that 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 secondary education, it provides a level of expertise that 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	3
MAT 243 Calculus I with Technology	4
MAT 244 Calculus II with Technology.....	4

Minor Electives

Any three mathematics courses numbered 300 or higher, excluding MAT 303.

MEDICAL INTERPRETING IN SPANISH

World Languages and Cultures Department
Department Chair: Kin Chan

For health service professionals, knowledge of medical Spanish is no longer an option but a necessity. Barriers to communication with patients whose only language is Spanish pose a health risk and lead to a reduction in health outcomes. The appropriateness of courses in this interdepartmental minor cannot be inconspicuous. Consequently, this minor is for current and future health service professionals, including business code ethics, physicians and their assistants, nurses, pharmacists, dentists, physical therapists, occupational therapists, medical laboratory technicians, emergency medical technicians, medical aides, medical interpreters, healthcare industry professionals, and psychologists. The program aims to develop critical skill sets that future healthcare providers can use to improve communication with Spanish-speaking patients. Additionally, the curriculum is designed to raise awareness about the influences and the role of language that intersect with access to healthcare among Spanish-speaking patients.

Required Courses

HSC/SPA 415 Spanish Medical Interpreting and Translation.....	3
HSC 225 Medical Terminology	3
SPA 314 Latino/a Conversations	3
SPA 404 Spanish Translation and Interpretation.....	3

Electives

Choose Two Courses (6 credits):

HSC/BUS 255 Health Communication and Social Marketing.....	3
PBH 330 Principles of Global Health.....	3
PBH 350 Principles of Community Health.....	3
PBH 311 Emergency Preparedness and Response.....	3
PBH 414 Violence and Injury in Public Health	3
PBH 345 Chronic Disease Control and Prevention.....	3

MODERN LANGUAGES

World Languages and Cultures Department
Department Chair: Kin Chan

Nine credits in one language beyond the elementary level; six credits in another language.

MUSIC

Music Department
Department Chair: Timothy Cochran, Emily Riggs (co-Chairs)

The Music minor consists of 15 credits. The minor is designed for students with a passion for music who wish to complement their major studies with a comprehensive exploration of musical theory, history, and performance. Upon completing the minor, students will not only enrich their overall academic experience but also gain a deeper appreciation for the art and science of music, enhancing their ability to engage with and contribute meaningfully to the world of music.

A grade of C or higher is required for all courses counted in the minor.

Required Courses

MUS 205 Theory of Music I.....	3
MUS 215 Sight Singing Ear Training Lab I.....	1

Choose one course:

MUS 235 Music History Survey I.....	3
MUS 236 Music History Survey II	3
MUS 335 Introduction to Ethnomusicology	3

Choose two credits of ensemble experience from the following:

MUS 103 Chorus.....	1
MUS 107 Concert Band	1
MUS 113 Music Ensemble.	0 5

Minor Electives

Choose six credits in MUS courses at the 200-level or higher; three credits must be at the 300-level or higher.

NEW ENGLAND STUDIES

History Department
Department Chair: Caitlin Carenen
Assistant Chair: Scott Moore

The New England Studies minor is available for History majors, as well as for students majoring in other disciplines in which 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.....	3
NES 400 Seminar in New England Studies	3

Minor Electives

Choose three courses:

ART 305 Art of New England	3
ENG 342 Literature of New England.....	3
ENG/NES 343 Folklore and Folklife of New England	3
HIS/NES 250 History of New England.....	3
HIS 320 Connecticut History	3
HIS 325 Expansion of New England	3
NES 315 Field Studies in Historic New England.....	3

OPERATIONS & SUPPLY CHAIN MANAGEMENT

Accounting and Business Information Systems Department
Department Chair: K. Niki Kunene

Supply Chain Management is the management of the flow of goods and services and has applicability in many industries. Also, due to globalization, supply chains have become complex, and their management requires individuals with specialized training. The field has a wide variety of sub-areas in which interested students can pursue careers. Some of these include: supply management, purchasing, logistics management, warehousing management, transportation management, planning and control, project management, supply chain systems, and process improvement.

The Operations and Supply Chain Management minor enables students with an interest in a potential career in this field to obtain a background in the field and to explore various areas in the field. The minor is suitable for a wide variety of students and is an excellent complement for students majoring in Business Administration, Business Information Systems, Finance, Accounting, and Economics.

The Operations and Supply Chain Management minor requires 18 credits. Two required courses provide a background in information systems and statistics, which are needed to manage and analyze supply chains. Two required courses cover the fundamentals of supply chain management. The remaining six credits are electives that allow students to explore aspects of the supply chain management field, and include courses in business analytics, process and quality improvement, global operations and logistics, business-to-business marketing, enterprise resource planning, electronic commerce, and project management.

Required Courses

BIS 205 Information Management.....	3
OSC 260 Operations Management.....	3
OSC 360 Supply Chain Management.....	3

Choose one:

ECO 215 Statistics for Business & Economics.....	3
MAT 216 Statistical Data Analysis.....	4

Minor Electives

Choose two:

BIS 305 Business Analytics	3
BIS 375 Electronic Commerce	3
BIS 430 Enterprise Resource Planning.....	3
BIS 437 Rapid IT Development Management.....	3
BIS 442 Information Technology Project Management.....	3
BIS 447 Business Intelligence	3
BIS 449 Data Visualization	3
BUS 327 Digital Marketing.....	3
OSC 362 Global Operations and Logistics	3
OSC 363 Introduction to Six Sigma	3
OSC 366 Lean Production Management	3

PARAMEDIC SCIENCE

Health Science and Nursing Department

Department Chair: Yaw Nsiah

Assistant Chair: Amy Bataille

The Paramedic Science minor is designed to develop students with the personal traits and professional skills required to perform as a competent entry-level paramedic on an emergency services team. Students will be given the academic and field training necessary

to provide prehospital assessment and care of patients. Students must earn a 2.0 average or higher in the minor.

Required Courses

HSC 211 Paramedic Science I with Lab.....	4
HSC 312 Paramedic Science II with Lab.....	4
HSC 322 Paramedic Science III with Lab	4
HSC 412 Paramedic Science IV with Lab	4
HSC 492 Clinical Rotation and Field Internship for Paramedics	1

PEACE AND HUMAN RIGHTS

Political Science, Philosophy, and Geography Department

Department Chair: Courtney Broschius

Program Coordinator: Karl Stocker

The Peace and Human Rights Studies minor is a 15-hour interdisciplinary program compatible with any undergraduate major. The program draws on all disciplines that have peace and human rights components, including Anthropology, Art, Business, History, Literature, Philosophy, Political Science, Sociology, and Women'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

PHI/PHR 200 Peace and Human Rights.....	3
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PHI/PHR 400 Peace and Human Rights Seminar	3
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A 400-level Independent Study, in a variety of disciplines, may be substituted for PHI 400 only when approved by the Peace and Human Rights Coordinator prior to enrolling in the course.

Minor Electives

Choose 15 credits:

ANT 221 Native Americans	3
ANT/LAS 225 Contemporary Puerto Rican Culture and Society.....	3
ANT/LAS 240 Latinos in the United States	3
ANT/WST 300 Women and Work.....	3
ANT 358 Anthropology of Violence.....	3
ART/WST 355 Women, Gender, and Art.....	3
ART 369 African American Art	3
BUS 466 Nonprofit Management.....	3
ENG/WST 228 Poetry of Women.....	3
ENG 252 Harlem Renaissance	3
ENG 255 African American Literature.....	3
ENG 256 Native American Literature	3
ENG 258 Asian American Literature	3
ENG 259 Chicano/Chicana Literature and Culture	3
ENG 314 Indigenous Studies.....	3
ENG/WST 351 Feminist Theories	3
ENG/WST 352 Lesbian Literature	3
ENG/LAS 393 Chicana and Latinx Rhetorics	3
GEO/WST 306 Gender, Justice, and Environment.....	3
GEO 331 Geography of Food.....	3
GEO/PSC/WST 336 Politics of Race and Violence	3
GEO 337 Economic Geography.....	3
\GEO/PSC/WST 338 Geopolitics	3
HSC 235 Native American Health.....	3
HIS 243 Churches and the Modern Civil Rights Movement.....	3
HIS 346 Central America	3
HIS 373 Mao’s China.....	3
HIS 375 Modern Japan	3
HIS 391 Religion, War, and Peace in Early Modern Europe	3
PHI/PHR 200 Peace and Human Rights.....	3
PHI 220 Ethics	3
PHI 340 The Philosophies of War	3
PHI 360 Global Ethics.....	3
PHI/PSC 370 Human Rights: Natural and Civil	3
PHI 371 Jainism: Nonviolence and Love.....	3
PSC/WST 227 Women and Politics	3
PSC 314 Modern Social and Political Thought	3
PSC 315 American Social/Political Thought	3
PSC 326 Politics of Race, Class, and Gender.....	3
PSC 340 Constitutional Law II: Civil Liberties.....	3

SOC/WST 208 Gay, Lesbian, Bisexual Lives	3
SOC 250 Social Inequality	3
SOC 346 Race and Ethnic Relations	3
SOC 357 Sociology of Development	3
THE 299 Diversity in Performance	3
THE 309 Feminist Playwriting Workshop	3

PHILOSOPHY

Political Science, Philosophy, and Geography Department

Department Chair: Courtney Broschius

Required Courses

PHI 120 Perspectives in Philosophy	3
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Minor Electives

Choose twelve credits in the Philosophy major program at the 200-400 level. At least six of these 12 credits must be taken at Eastern.

PHYSICAL EDUCATION

Education Department

Department Chair: Mark Fabrizi

Associate Chair: Xing Liu

The grade of “C” or higher must be earned in all Physical Education major and minor courses.

HPE 230 Introduction to Physical Education	3
HPE *** Courses numbered 300 or higher	12

PHYSICAL SCIENCE

Physical Sciences Department

Department Chair: John Toedt

Assistant Chair: Darrell Koza

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.

Required Courses

Choose one course in CHE at or above CHE 216.

Choose one:

PHY 204/205 General Physics I with Lab/General Physics II	8
with Lab	
PHY 209 Physics with Calculus I with Lab	8
Physics with Calculus II with Lab	

Choose one:

AST 214 Descriptive Astronomy with Lab	4
PHY 217 Meteorology	3

Minor Elective

Choose one elective course (three credits or greater) in either Chemistry, Physics, or Astronomy at the following levels:

- CHE elective above CHE 216
- PHY above PHY 209
- AST above AST 214

PHYSICS

Physical Sciences Department
Department Chair: John Toedt
Assistant Chair: Darrell Koza

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.

Required Courses

MAT 341 Differential Equations.....3

Choose one:

PHY 204/205 General Physics I and II with Lab8

PHY 208/209 Physics with Calculus I and II with Lab.....8

Minor Electives

Choose two:

CSC 355 Digital Logic Lecture.....3

PHY 3XX/4XX Any PHY course 300-level and higher

POLITICAL SCIENCE

Political Science, Philosophy and Geography Department
Department Chair: Courtney Broschious

To earn a Political Science minor, a student must take 15 credits of Political Science courses..(Six of the 15 credits may also be used to satisfy the requirements of Eastern's Liberal Arts Core Curriculum or a major or second minor when appropriate.

Required Courses:

PSC 100 Power, Politics, Processes3

Choose one:

PSC 208 International Politics3

PSC 217 War, Diplomacy, and International Relations.....3

Choose three 200-400 level electives in Political Science. Either PSC 208 or 217 can fulfill an elective requirement if both courses are taken.

Cross-listed courses accepted in the minor:

CAS 305 Comparative Public Administration

GEO/WST 336 Politics of Race and Violence

GEO 338 Geopolitics

LAS 328 Latin American Politics

PHI 314 Modern Social and Political Thought

PHI 316 Ancient Political Thought

WST 227 Women and Politics

WST 326 Politics of Race, Class and Gender

Transfer students must complete at least six Political Science credits in courses 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.

PRE-LAW

Political Science, Philosophy and Geography Department
Department Chair: Courtney Broschious

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 should work closely with their Pre-Law advisor throughout their time at Eastern to prepare them 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 consists of 18 credits.

Required Courses

PHI 215 Logical Inquiry.....3

Choose one:

PHI 341 Philosophy of Law3

PHI 220 Ethics3

Writing and Communication

Choose one:

COM 230 Public Speaking.....3

COM 330 Organizational Communication3

ENG 241 Critical and Creative Thinking3

ENG 371 Rhetorical Theory and Criticism.....3

Government and Social Institutions

Choose two:

PSC 339 Constitutional Law I: Powers and Process.....3

PSC 340 Constitutional Law II: Civil Liberties3

PSC 341 Justice in the Courts3

PSC 350 Public Policy and Decision-Making.....3

SOC 101 Criminal Justice and Society.....3

SOC 325 Law and Society.....3

Business and Economics

Choose one:

BUS 250 Business Law I.....3

ECO 200 Introductory Macroeconomics3

ECO 201 Introductory Microeconomics3

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

PSYCHOLOGY

Psychological Science Department
Department Chair: Alita Cousins Assistant
Chair: Lyndsey Lanagan-Leitzel

The Psychology minor consists of 18 credits (excluding PSY 100), which shall include a minimum of nine credits from 300-level or above courses and a maximum of three credits from the special programs. A minimum of 12 credits in Psychology must be completed in residence at Eastern.

PUBLIC HEALTH STUDIES

Health Sciences and Nursing Department
Department Chair: Yaw Nsiah
Assistant Chair: Amy Bataille

The minor in Public Health Studies provides students with the multidisciplinary understanding needed to deal with public health issues at the local, state, national, and international levels. The coursework is a compilation of courses introducing students to the principles in public health, including governance, the spread of diseases, disease surveillance, emergency preparedness and response, 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.

Required Courses

PBH 206 Epidemiology for Liberal Arts	3
PBH 228 Introduction to Public Health	3
PBH 494 Field Internship in Public Health.....	3
or	
HSC 490 Internship III – Health Sciences.....	3

Public Issues – Choose 1 Course

HSC/PBH 209 Nutrition and Public Health	3
PBH 330 Principles of Global Health.....	3
HSC 235 Conflicts in Native American Health.....	3
HSC 306 Health Policy	3
PBH 414 Violence and Injury in Public Health.....	3

Application - Choose 1 Course

PBH 311 Emergency Preparedness and Response.....	3
PBH 340 Non-Profit Organizations and Health.....	3
PBH 350 Principles of Community Health.....	3
HSC 440 Ethics, Law and Public Health	3
PBH 441 Regulatory Affairs in Public Health.....	3

Experiential and Practice Analysis – Choose 1 Course

Choose one:

BIS 362 Healthcare Informatics	3
BUS/HSC 255 Health Communication and Social Marketing.....	3
EES/PBH 323 Drinking Water Management.....	3
HSC 402 Program Planning and Evaluation in Public Health.....	3
PBH 333 Principles of Health Care Systems	3
PBH 345 Chronic Disease Control and Prevention.....	3
PSY 325 Health Psychology.....	3
SOC 312 Sociology of Mental Illness.....	3

SWK 344 Substance Abuse	3
SWK 365 Special Topics in Social Work	3
(when topically appropriate)	

SOCIAL INFORMATICS

Accounting and Business Information Systems Department
Department Chair: K. Niki Kunene

The Social Informatics minor deals with the utilization, organization, and control of information systems in nonprofit and non-business organizations. Its focus is on the interdisciplinary study of the design, uses, and consequences of information technologies, taking into account their interaction with institutional and cultural contexts. Through the elective course within the minor, students get an opportunity to deepen their understanding of using information technology in important areas such as Sociology, Social Work, environmental management, sustainable energy, and others. Upon completing the minor, students will be able to utilize information systems to collect and analyze data needed to enhance the productivity of medium and small organizations, as well as governmental and non-profit agencies. The minor requires 15 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

BIS 370 Systems Analysis and Design.....	3
BIS 205 Information Management.....	3
BIS 364 Social Informatics.....	3

Social Informatics Minor Electives

Choose one:

BUS 343 Sport Marketing.....	3
COM 300 Communication Law and Ethics.....	3
ECO 210 Economics and the Environment.....	3
ECO 322 Sustainability and Environmental Economics	3
ECO 330 Labor Economics and Inequality	3
ECO 333 Health Economics	3
ECO 335 Urban and Regional Economics.....	3
EES 205 Sustainable Energy.....	3
EES 320 Environmental Management	3
ENG 300 Business and Technical Writing	3
HIS 200 Historical Research and Writing	4
HIS 318 History of U.S. Foreign Relations	3
HPE 325 Holistic Health	3
HSC 209 Nutrition and Public Health	3
PSC 205 Public Administration	3
PSC 305 Comparative Public Administration.....	3
PSY 325 Health Psychology.....	3
PSY 419 History and Systems of Psychology	3
SOC 200 Sociological Social Psychology	3
SOC 325 Law and Society.....	3
SWK 311 The Social Environment and Human Behavior.....	3
SWK 312 Human Behavior in the Social Environment.....	3

Business Information Systems Elective

Choose one:

BIS 340 Business Data Communications and E-Networks.....	3
BIS 361 Business Information Systems	3
BIS 362 Healthcare Informatics.....	3
BIS 365 Emerging Technologies and Business Applications.....	3
BIS 367 Human Computer Interaction and Design.....	3
BIS 375 Electronic Commerce	3
BIS 377 Organizational Website & Database Management.....	4
BIS 430 Enterprise Resource Planning and E-Business.....	3

SOCIOLOGY

Sociology, Anthropology, Criminology and Social Work Department
Department Chair: Theresa Severance

Program Coordinator: Nicolas Simon

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.

SPANISH

World Languages and Cultures Department
Department Chair: Kin Chan

15 credits beyond elementary level (i.e. SPA 110/111)

SPORT AND EXERCISE SCIENCE

Health Sciences and Nursing Department
Department Chair: Yaw Nsiah
Assistant Chair: Amy Bataille

The Sport and Exercise Science minor is for students interested in learning about human movement as it relates to human body functional responses and adaptations to sport and exercise, and the benefits of active lifestyles. Certain courses in the Sport and Exercise Science minor prepare students for careers as a personal trainer, certified exercise physiologist (non-clinical), strength and conditioning coach, corporate fitness, and group fitness instructor to improve physical fitness and enhance human movement performance.

Required Courses

HSC 210 Introduction to Kinesiology	3
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Minor Electives

Choose 12 credits:

HSC 307 Strength and Conditioning.....	3
HSC 309 Exercise, Nutrition, Body Weight.....	3
HSC 320 Sports Nutrition	3
HSC 324 Exercise Testing and Prescription.....	3
HSC 326 Behavioral Aspects of Lifelong Physical	3
Activity & Exercise	
HSC 328 Health/Fitness Teaching Methods	3
and Personal Training	
HSC 334 Motor Learning	3
HSC 342 Sport Psychology	3
HSC 352 Exercise for Persons with Chronic.....	3
Diseases/Disabilities	

HSC 356/357 Exercise Physiology with Lab.....	4
HSC 360 Physical Therapeutic Science	4
HSC 370 Athletic Training	3
HSC 420 Pathobiomechanics.....	3
HSC 450 Seminar in Human Performance.....	3

SPORT MANAGEMENT

Business Administration Department
Department Chair: Emiliano Villanueva

The Sport Management minor is open to all university students and is designed to serve students in non-Business disciplines who might find this minor useful for making themselves employable to companies seeking graduates with a basic understanding of sport management.

The grade of “C” or higher must be earned in all minor courses.

Required Courses

BUS 201 Principles of Management.....	3
BUS 225 Principles of Marketing.....	3
BUS 240 Introduction to Sport Management	3

Minor Electives

Choose three:

BUS 250 Business Law I	3
BUS 340 Facility Design in Sport Management.....	3
BUS 342 Leadership	3
BUS 410 Research Methods in Management.....	3
BUS 411 Sports in American Society.....	3
ECO 331 Economics of Sport.....	3

STUDIO ART

Art and Art History Department
Department Chair: Maeve Doyle
Assistant Chair: Lora Lee

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. Students must meet with a faculty member in the Art and Art History department to discuss course selections.

SUSTAINABLE ENERGY STUDIES

Environmental Earth Science Department
Department Chair: Bryan Oakley
Assistant Chair: Stephen Nathan

The production and consumption of energy, especially energy based on fossil fuels, is a major source of environmental and social problems in the United States 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 to introduce students to the emerging field of sustainable energy studies; prepare students for post-graduate employment involving energy policy; ensure that science students understand the social and economic implications of energy technology; ensure that social science students comprehend the technological and scientific basis of energy policy and prepare educators to teach about energy science and energy policy. The minor consists of 15 credits.

Required Courses

EES 205 Sustainable Energy	3
EES 305 Energy Resources	3

Minor Electives

Choose three:

BIO 200 Ecology and the Environment.....	3
ECO 210 Economics and the Environment.....	3
ECO 322 Sustainability and Environmental Economics	3
EES 204 Global Climate Change.....	3
EES 222 Water and Society.....	3
EES 306 Sustainable Buildings	3
EES 307 Energy and Development	3
EES 402 Energy Issues in Geoscience.....	3
EES 405 Energy Analysis	3
GEO 331 Geography of Food.....	3
PSC 350 Public Policy and Decision-Making	3
PSC 351 Environmental Politics and Policy	3
PSC 352 Global Environmental Politics	3

THEATRE

Communication, Film & Theatre

Department Chair: Alycia Bright-Holland

Assistant Chair: Andrew Utterback

Students pursuing the minor in Theatre must complete 18 credits of course and practical work.. Students will discover the range of performance forms in a global context and engage in high-impact experiences in theatre productions ..Students must take 7 credits of required coursework and 2 practicum credits, and choose three Theatre courses, with at least one course at the 300 level or above.

Required Courses (9 credits)

THE 265 World Performance and Culture.....	4
--------------------------------------------	---

Choose one:

THE 275 Technical Theatre	3
THE 171 Improvisation and Physical Theatre.....	3
THE Practicum Credits	2

(From THE 225, THE 226, THE 227, THE 228)

Electives

Students choose three Theatre (THE-Prefixed) courses, at least one course at the 300 level or above.

WOMEN'S STUDIES

Program Director: Sarah Nightingale

Women and their achievements, as well as society's understandings of gender and identity, comprise the subject matter for Women's Studies. Students who choose Women's Studies as a non-degree minor must select 15 credits from the following:

Required Course

WST 260 Introduction to Women's Studies	3
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Minor Electives

Choose 12 credits:

ANT 300 Women and Work.....	3
ENG 365 Special Topics (when topically appropriate)	3
ENG 373 Studies in Rhetoric & Composition (when appropriate).....	3
ENG 393 Chicana and Latinx Rhetorics	202.....3

PSY 319 Human Sexuality	3
SOC 373 Collective Behavior and Social Movement.....	3
WST/SOC 208 Gay, Lesbian and Bisexual Lives	3
WST/SOC 212 Sociology of Families	3
WST/PSC 227 Women and Politics	3
WST/ENG 228 Poetry of Women.....	3
WST/FRE/WLC 231 Women Writers from	3
French-Speaking Countries	
WST/SOC 240 Sociology of Gender	3
WST/HIS 244 Immigrant Women	3
WST/GEO 306 Gender, Justice, Environment	3
WST/ENG 307 Medieval Women Mystics	3
WST/SOC 310 Women and Crime	3
WST/PSY 315 Psychology of Gender.....	3
WST 316/CRM 317 Race, Gender, and	3
the Criminal Justice System	
WST/HIS 317 Women and Family in Western Society	3
WST/PSC 326 Politics of Race, Class and Gender	3
WST/FRE 331 Global and French Perspectives on Women’s Issues.....	3
WST/GEO/PSC 336 Politics of Race and Violence	3
WST/GEO/PSC 338 Geopolitics	3
WST SOC 347 Black Women’s Studies.....	3
WST/ENG 351 Feminist Theories	3
WST/ENG 352 Lesbian Literature	3
WST/ART 355 Women, Gender, and Art	3
WST/ENG 356 Women Writers to 1900.....	3
WST/ENG 357 20th Century Women Writers.....	3
WST/PHI 361 Feminist Philosophies	3
WST/HIS 363 Gender in History	3
WST/ANT 370 Sex and Gender in the Ancient World	3
WST 490 Internship in Women’s Studies	1-6
WST 491 Teaching Assistant in Women’s Studies	3

Credit for any other women-related courses must be approved through the coordinator.

WRITING

English Department

Department Chair: Stephen Ferruci

Associate Chair: Jordan Youngblood

Eastern’s minor in Writing allows students to explore writing — from the imaginative to the persuasive, from fiction to political blogs, from graphic novels to digital hypertexts — as both writers and critics. Given the importance of clear, written, and multimodal communication in nearly every profession, the Writing minor is an ideal complement to any major. The variety of courses in which writing is the subject of study enables students to develop their particular interests and goals, whether in creative writing, rhetoric, business writing, editing and publishing, or any combination of these.

The Writing minor consists of 18 credits. For English majors, nine of the 18 credits must be earned in addition to the 39 needed to fulfill the English major requirement. An English major with a Writing minor is required to complete 48 credits in English beyond Eastern’s Liberal Arts Core.

Only three credits of internship credit (in ENG 491, 492, 493, or 495) may be counted toward the Writing minor. However, students may complete more than one internship and count the credits toward English major electives or general electives. Courses must receive a grade of C or higher in order to be counted.

The English department chair must approve a course of study for the Writing minor program.

Required Courses

Choose 18 credits:

ENG 203 Introduction to Writing Literary Criticism.....	3
ENG 204 Introduction to Writing Studies	3
ENG 205 Introduction to Creative Writing.....	3
ENG 206 Digital Composition.....	4
ENG 207 Forms in Creative Writing	3
ENG 209 Writing For Children and Young Adults	3
ENG 220 Introduction to Literacy Studies in Composition.....	3
ENG 230 Reading and Writing Electronic Literature.....	3
ENG 238 Literary Magazine Editing	3
ENG 241 Critical and Creative Thinking	3
ENG 271 Classical Rhetoric, Modern Contexts	3
ENG 273 Topics in Rhetoric and Composition.....	3
ENG 275 Tutoring Writing.....	3
ENG 300 Business and Technical Writing	3
ENG 301 Writing Fiction	3
ENG 302 Writing Poetry	3
ENG 305 Composing Digital Narratives.....	4
ENG 306 Digital Rhetorics and Literacies	3
ENG 308 Playwriting.....	3
ENG 353 Storytelling.....	3
ENG 362 Writing for Digital Environments	3
ENG 363 Copyright in the Digital Age	3
ENG 369 Cultural Studies and Creative Writing.....	3
ENG 370 Composition Theory and Pedagogy	3
ENG 371 Rhetorical Theory and Criticism.....	3
ENG 372 Creative Writing Abroad	3
ENG 373 Studies in Rhetoric and Composition	3
ENG 374 Rhetoric of the Hollywood Film	3
ENG 376 Advanced Forms, Theory, and.....	3
Practice in Creative Writing	
ENG 380 Creative Nonfiction	3
ENG 381 Advanced Fiction Workshop.....	3
ENG 382 Advanced Poetry Workshop.....	3
ENG 383 Literary Publishing.....	3
ENG 480 Independent Study in Creative Writing	3-6
or Rhetoric and Composition	
ENG 481 LAW Independent Study in Writing for Publication.....	3
ENG 491 Internship in the Writing Center.....	3
ENG 492 Internship in College Writing Plus	3
ENG 493 Teaching Assistantship in Writing	3
ENG 495 Internship in Writing and Edition.....	3

GRADUATE DIVISION

Niti Pandey, Dean, Graduate Division

The graduate programs at Eastern Connecticut State University are administered by the Graduate Division. The programs offered by the Graduate Division lead to Master of Science degrees.

Students must submit a Plan of Study to the Graduate Division by the completion of their first semester. Failure to submit the Plan of Study may result in an account hold. Graduate candidates may change their Plan of Study only with the approval of their advisor and the Dean of the Graduate Division.

Eastern Connecticut State University is accredited by the New England Commission of Higher Education (NECHE). Eastern's Education preparation programs are accredited by the Council for the Accreditation of Educator Preparation (CAEP).

The College of Business offers two Master of Science Degrees:

- Master of Science Degree in Accounting - Online
- Master of Science Degree in Management - Online

The Master of Science in Accounting is a fully-online 30-credit program that prepares graduates for jobs in various fields, including auditing, finance, and taxation. The program helps fulfill the 150-credit requirement for students interested in CPA licensure.

The Master of Science in Management is a fully-online program designed for working professionals, in both the private and public sectors, seeking to expand leadership roles and advance careers. The program offers a Healthcare Management concentration for those interested in healthcare sector careers.

The Departments of Computer Science and Mathematical Science offer a Master of Science degree:

- Master of Science in Applied Data Science – Online

The Master of Science in Applied Data Science is a fully online 30-credit program designed for those seeking to gain expertise in solving data-centric problems, with real-world examples and case studies, with an emphasis on applied, hands-on learning. The program offers a diverse set of courses covering the areas of coding, statistics, machine learning, databases, big data, data communication and data visualization.

The Department of Education offers Master of Science Degrees as described below:

- Master of Science in Early Childhood Education (Nursery - Grade 3)
- Master of Science in Elementary Education (Pre-K - Grade 6)
- Master of Science in Secondary Education (Grade 4 - Grade 12) focused on one of the following areas:
 - Biology
 - English
 - Environmental Earth Science
 - History/Social Studies
 - Mathematics

The Master of Science degrees in Early Childhood Education, Elementary Education, and Secondary Education prepare students for Connecticut teacher certification recommendation.

- Master of Science in Educational Studies

The Master of Science degree in Educational Studies is an advanced 31-credit degree program for those currently certified to teach or with teaching experience.

- Master of Science in Educational Technology - Online

The Master of Science degree in Educational Technology is an advanced 30-credit degree program for current educators.

- Master of Science in Special Education - Online

The Master of Science in Special Education is a 30-credit online advanced degree program designed for currently certified teachers or school personnel with relevant experience who are seeking K-12 cross-endorsement. The program also includes a track for students who do not have a teaching certification but have relevant teacher experience and are interested in special education coursework.

GRADUATE APPLICATIONS AND ADMISSIONS

Applications for admission can be submitted electronically by visiting the Graduate Division website. Contact graduateadmission@easternct.edu for further information regarding the Graduate Division and its programming.

The Graduate Division has a continuous admission process. However, applicants are urged to submit completed applications and credentials at least two weeks prior to the beginning of the term of entry to ensure that their application is processed in time for the start of the semester. Applicants to teacher certification programs are urged to submit completed applications and credentials at least one semester prior to the term of entry to provide time for the Committee on Admission and Retention in Education (CARE) interview and admission process.

GRADUATE ADMISSION REQUIREMENTS

All applicants for degree status must submit:

- A non-refundable application fee of \$50.
- A completed online application.
- Contact information (email) for academic and/or professional references who will be asked to complete an Online Reference Form.
- Official undergraduate/graduate transcript(s) from all institutions.

International applicants must also submit:

- An official transcript evaluation by an organization that has membership to the National Association of Credential Evaluation Services (NACES). A document-by-document evaluation report to prove completion of a bachelor's degree must be submitted from one of the member organizations.
- Official document of financial support demonstrating a minimum of \$45,000 (USD) in available funds (For I-20), if applicable. This is not needed for online programs.
- Official proof of English language ability by having earned a score of at least 550 (paper-based), 79 (IBT), or 213 (computer-based) on the Test of English as a Foreign Language (TOEFL) or a score of 6 on the International English Language Testing System (IELTS) exam or a score of at least 53 on the Pearson PTE.

Additional Admission Requirements Specific to Degree Programs:

Graduate Admission Requirements for the Master of Science (M.S.) Degree in Accounting

Applicants seeking admission to the Master of Science in Accounting must possess a bachelor's degrees from an approved/accredited institution(s) with a minimum GPA(s) of 2.70.

Applicants must also submit the following:

- Contact information (email) for two references who can attest to the applicant's ability to complete graduate work
- Official transcripts for all higher education institutions attended other than Eastern
- Personal statement explaining the applicant's professional goals
- Resume

Students who have not completed degrees or coursework in Accounting will be required to take additional undergraduate Accounting courses. With advisor approval, admitted students can concurrently take graduate and undergraduate classes.

Graduate Admission Requirements for the Master of Science (M.S.) Degree in Management

Applicants seeking admission to the Master of Science in Management program must possess Bachelor's degree(s) from approved/accredited institution(s) with a minimum GPA(s) of 2.70.

Applicants must also submit the following:

- A current résumé highlighting evidence of work experience
- Contact information (email) for two references who can attest to the applicant's ability to complete graduate work
- Official transcripts for all higher education institutions attended
- Personal statement of professional goals
- Resume

Graduate Admission Requirements for the Master of Science (M.S.) Degree Program in Applied Data Science

Applicants seeking admission to the Master of Science in Management program must possess a Bachelor's degree(s) from approved/accredited institution(s) with a minimum GPA(s) of 2.70. A college-level Statistics course is a prerequisite to the program. Students admitted to the program who don't have a record of a college-level Statistics course must complete one in consultation with the program director. Programming experience is recommended but not required.

Applicants must also submit the following:

- Contact information (email) for two references who can attest to the applicant's ability to complete graduate work
- Official transcripts for all higher education institutions attended
- Personal statement of professional goals
- Résumé

Graduate Admission Requirements for the Master of Science (M.S.) Degree Programs in Education

All applicants seeking admission into any of the Master of Science in Education programs must possess a Bachelor's degree from an accredited institution(s) and have a minimum undergraduate GPA(s) of 2.70 (3.0 for M.S. Special Education). The applicant's records must show evidence of professional promise and ability to do graduate-level work.

Applicants must also submit the following:

- Contact information (email) for references who can attest to the applicant's ability to complete graduate work.
- Official transcripts for all higher education institutions attended.
- Applicants applying for the Educational Studies and Educational Technology programs are also required to submit a personal statement explaining their educational philosophy and professional goals as well as a resume/curriculum vitae.
- Applicants applying to the Early Childhood Education, Elementary Education, or Secondary Education programs are required to submit a third recommendation, test scores and participate in a CARE interview. For details regarding CARE, please visit the Education Department's website.

NON-DEGREE APPLICANTS

Applicants for non-degree status need only submit an online application and official transcripts from all higher education institutions attended, indicating undergraduate degree(s) conferred and a GPA of at least 2.7. Application fees do not apply to those with non-degree status.

Students admitted with non-degree status to the Graduate Division can enroll in a maximum of 12 graduate credit hours. Students who acquire non-degree status are not guaranteed full admission into a graduate program. Teacher candidates who seek to move from non-degree status into full status must apply for and be accepted to CARE without restriction. Additional conditions for admission to full status are stated in the CARE letter of acceptance sent to the student. Please note that financial aid is not available until a graduate student is fully accepted to a degree-granting program and registration may be restricted to some courses.

ADMISSION DECISIONS

The Dean of the Graduate Division will consider the recommendations of the faculty of each program in making admission decisions. All applicants will be notified of the results of their applications for admission to the Graduate Division in writing. At that time, or at the time of CARE admission (Education with certification applicants), graduate students will each be assigned an advisor and will be expected to complete a Plan of Study before the end of their first semester. Graduate students are expected to work closely with a faculty 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 Graduate Division. Applicants will be notified of the outcome of their appeal in writing.

GRADUATE EXPENSES

The tuition and fees schedule are valid at the time of publication of the catalog and is subject to change as required. Costs may vary based on part-time/full-time student status, in-state/out-of-state residency and/or online/on-ground course offerings.

Application Fee \$50

This non-refundable fee is required of all new degree students and is payable at the time of application submission.

Tuition and Fees

For information on tuition and fees, please visit the Bursar's website.

Late Fee

Students who register or pay their fees after the established deadlines may be charged a \$50 late fee.

Returned Check Fee

A returned check fee of \$20 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

There is a one-time transcript fee charge of \$40 for first-time students. This fee grants them unlimited access to their academic transcripts.

Financial Aid

Financial assistance is available for students in the form of grants, loans, scholarships, and employment opportunities. Financial aid information may be obtained from the Financial Aid Office in the Wood Support Services Center or from their website. Both full- and part-time degree-seeking students are eligible to apply.

Graduate Assistantships and Internships

Graduate assistantships and internships may be granted to full-time and part-time students upon availability and in accordance with the guidelines set forth by the Graduate Division. For further information, visit the Graduate Division's website.

GRADUATE ACADEMIC POLICIES

Academic Honesty

The integrity of scholarship is the cornerstone of the University's structure. All students are expected to exhibit absolute honesty in all aspects of academia and academic pursuit. Presenting the work of another without acknowledgment, 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 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*. Any graduate student whose cumulative graduate grade point average falls below 3.00 ("B") will either be placed on academic probation or dismissed and will receive a letter from the Dean of the Graduate Division informing them of their status. If that status is probation, this letter may include limitations on the number of credits a student may take in the following semester or other conditions necessary to regain good academic standing. Students are subject to dismissal from graduate programs if a single "F" is earned; their overall grade point average remains below 3.00 for two (2) consecutive semesters; nine semester hours of grades of "C" and/or "C+" are earned in the accumulation of credits necessary to graduate; or grades of "C" or below are earned in coursework in any two consecutive terms, including intersessions. If, at the end of the following semester of enrollment, the student's cumulative grade point average increases but remains below 3.0, at the discretion of the Dean, the student may be continued on terminal academic probation for a maximum of one additional semester. At the end of that semester, the student must have a 3.00 ("B") cumulative grade point average, or they will be subject to dismissal from their program for unsatisfactory academic performance. Regular warning and dismissal procedures are used to discourage unqualified students from persistent enrollment in courses.

** Some academic programs set higher standards than those of the Graduate Division for academic performance. Students matriculating in those programs are subject to the higher standards required in their programs.*

Audit Policy

If space permits, students admitted to the Graduate Division may audit a course with written approval from the instructor and the student's advisor. A Course Audit Form must be submitted 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 credits of non-audited courses.

Students who audit courses should do so with the intention of attending all class sessions and fulfilling the work agreed upon in advance with the instructor. All permissions and registrations for auditing courses must be filed with the Registrar's Office prior to the first class meeting. 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 "AU" will be placed on the transcript, indicating that the audit occurred.

Culminating Experiences

Graduate students may be required to complete a culminating experience based on their program requirements. Students are encouraged to consult with their academic advisors or respective departments for additional information.

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 13 credit hours. Exceptions to the credit load maximum can be requested by petitioning the Dean of the Graduate Division 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 credits will result in an automatic 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.

Part-time students wishing to register for more than nine (9) credit hours must first notify the Registrar via email requesting a change of status to full-time.

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 Student Handbook.

Grading System

The Graduate Division 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 Failing

D = 1.0

F = 0.0 Subject to Dismissal

I (Incomplete) = 0.0

W (Withdrawal) = 0.0

AU (Audit) = 0.0

*No graduate credit is awarded for grades below “C” but all grades other than “I” and “W” count toward grade point average.

Incompletes

Upon the student’s request, instructors may award the grade of “I” when students are temporarily unable to fulfill course requirements. Students who are granted incomplete status will be required to complete said work within six weeks of the start 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/Research and Readings

Directed Independent Study/Research and Readings may be taken with the permission of the project faculty, appropriate Program Coordinator, the Department Chair, and the Dean of the Graduate Division. Students may not register for more than six credits of Independent Study/ Research and Readings throughout their graduate programs, unless under extenuating circumstances, and on case-by-case approval.

Students proposing Independent Study/Research and Readings are responsible for defining projects and justifying them as Independent Study/Research and Readings projects. Faculty project directors are responsible for demonstrating that the project is appropriate for the Graduate level and for designing appropriate evaluation methods. Program Coordinators are responsible for ensuring that the proposed projects will be acceptable within the student’s Plan of Study.

Students seeking to participate in Independent Study/Research and Readings must submit a Permission to Register for Independent Study/Research and Readings form prior to the deadline posted on the academic calendar. Forms are available on the Graduate Division website. Students may develop proposals for Independent Study/ Research and Readings when one or more of the following factors prevail:

- The University does not offer coursework related directly to a proposed area of study within the student’s area of interest.
- The topic to be studied is interdisciplinary, and courses are unavailable.
- The student has taken all the coursework available in their field of interest.

Degree Application

Graduate students who plan to complete their degree requirements for graduation in December, May, or August (academic calendar year) must submit an online degree application form by the corresponding date published in the academic calendar.

International Students

Eastern Connecticut State University does not support an I-20 for a visa for fully online programs.

International students must meet all the requirements for admission to the Graduate Division, as well as any requirements of the program to which they are seeking admission. In addition, international students must meet these requirements:

- Hold the equivalent of a 4-year United States Bachelor’s degree from an internationally recognized institution of higher education. The degree must be documented with certified copies of all graduate and undergraduate academic coursework. The records must be translated into English by a record translation agency with membership in the National Association of Credential Evaluation Services (NACES) 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.
- Official Proof of English language ability by having earned a score of at least 550 (paper-based), 79 (IBT), or 213 (computer-based) on the Test of English as a Foreign Language (TOEFL) or a score of on the International English Language Testing System (IELTS) exam or a score of at least 53 on the Pearson PTE.

Leave of Absence

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 may be requested. Leaves of absence may be approved for no less than one full semester and may not exceed four semesters (a cumulative total of two years).

Leave of Absence forms are available on the Graduate Division website and should be returned to the Dean of the 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.

Repeating Courses

Courses in which students receive a grade of C- or lower will not be counted for graduate credit in the planned program. Students may be allowed to retake one (1) course in which a grade of B- or lower is earned, provided they have their advisor's approval and hold active student status. Both grades will remain on the student's transcript, but only the most recent course grade and credit will be applied to the GPA and degree requirements. Students are encouraged to consult with financial aid if repeating coursework. No course may be repeated more than once* without permission from the graduate advisor and the Dean of the Graduate Division and certain graduate programs may not be eligible for the retake policy.

**Seminar and Research & Readings courses (ACC 696, ECE 675, ECE 696, EDU 675, EDU 696, RLA 675, RLA 696) may be repeated for credit provided that the content is different for each section.*

GPA Calculation

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, regardless of whether credit was earned. The cumulative GPA is calculated similarly, taking into account all courses taken in residence.

Time Limit

Graduate programs must be completed within a period of six years. This time limit begins upon registration for the first graduate course or the earliest term for which transfer credit has been awarded, whichever occurs first. Graduate courses taken under non-degree and transfer student status are included in this period. Students who do not complete the degree within the established time limit risk the forfeiture of their accumulated credit hours and any other privileges associated with their graduate status. Students requesting an extension to the time limit should complete the Time Limit Extension Request form and submit it to the Dean of the Graduate Division's office.

The Dean must approve all requests for extensions and approval is not guaranteed

Degree candidates who fail to take courses for two successive full terms (Fall/Spring) 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. Petition for Readmission forms are available on the Graduate Division website.

Transfer Credit

Graduate students wishing to transfer credit toward an Eastern degree must formally request that they be accepted. Acceptance of graduate coursework taken outside of the university is conditional upon review and recommendation by the assigned graduate advisor and approval by the Dean of the Graduate Division. The student's Plan of Study must reflect the application of these credits to fulfill required or elective coursework. Transfer credit may be approved when:

- A student currently enrolled in a degree-seeking program has successfully completed nine credits. *(No transfer credits will be accepted for non-degree students).*
- 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.
- Graduate courses were completed within the student's six-year time limit for a degree.

No more than six semester hours may be transferred from other institutions. Request for Transfer Credit Forms are available online. Official transcripts must accompany all requests for transfer credits.

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 Graduate Division 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 a Senior Permission to Register for Graduate Course form to the Graduate Division. Please note that credits earned in graduate-level courses can be applied toward either the undergraduate degree or the master's degree at Eastern Connecticut State University, but not both.

Withdrawal from a Course

Graduate students may withdraw from a course in which they are registered by submitting a Withdrawal from Course Form to their advisor for signature and then to the Dean of the Graduate Division. In such instances, the student is given the grade of "W." All withdrawal forms must be submitted to the Graduate Division office by the deadline published in the Academic Calendar.

Withdrawing from all classes during the fall or spring semesters constitutes a withdrawal from the University. Students considering this option must complete a Graduate Withdrawal from the University form located on the Graduate Division website. Students wishing to continue their studies after withdrawing from the University must request readmission to the Graduate Division via the Application for Readmission form.

MASTER OF SCIENCE DEGREE PROGRAMS (NON-CERTIFICATION)

All programs require 30 graduate credits and students must maintain a GPA of 3.0 or higher to graduate.

MASTER OF SCIENCE IN ACCOUNTING – ONLINE

The Master of Science in Accounting is designed in an interdisciplinary fashion, drawing from Business and Finance. With course offerings in assurances, international operations, taxation and management, the program prepares students to become a Certified Public Accountant (CPA). Graduates are qualified for jobs in auditing, finance, taxation, insurance, and banking.

Students with non-accounting or non-Business undergraduate degrees are provided supplemental support. Students may be required to complete additional coursework in Accounting if they lack designated Accounting undergraduate credits. This policy may be addressed with the Accounting Program Coordinator.

Program Requirements: 30 total graduate credits

Core Courses: (9 credits)

MGT 502 Talent Management
FIN 545 Financial Management
MGT 510 Strategic Management

Graduate Accounting Courses (21 credits)

ACC 515 AIS and Financial Reporting
ACC 520 Accounting for Not-for-Profit
ACC 525 Accounting for International Operations
ACC 530 Topical and Current Issues
ACC 531 Accounting Theory and Prof. Development
ACC 535 Advanced Studies in Taxation
ACC 549 Assurance Services

MASTER OF SCIENCE DEGREE IN APPLIED DATA SCIENCE – ONLINE

A college-level Statistics course is a prerequisite to the program. Students admitted to the program who do not have a record of a college-level Statistics course must complete one in consultation with the program director. Programming experience is recommended but not required. Complete a total of 30 credits by taking the seven core courses and the remaining coursework is taken as a combination of electives and a practicum with an industry partner.

Program Requirements: 30 total graduate credits

Required Courses: (21 Credits)

DSC 501 Introduction to Data Science
DSC 502 Python for Data Science
DSC 503 Applied Statistical Methods for Data Science
DSC 504 Communication with Data

DSC 505 Databases and Big Deal Data Systems

DSC 506 Applied Machine Learning

DSC 507 Data Visualization

Required Culminating Experience (9 credits)

Students must take two special topics courses (DSC 508) and one Practicum (DSC 509) or one special topics course and two Practica. DSC 508 may be taken more than once on different topics, and DSC 509 may be taken twice.

DSC 508 Special Topics in Data Science

DSC 509 Data Science Practicum

MASTER OF SCIENCE DEGREE IN MANAGEMENT – ONLINE

Program Requirements: 30 total graduate credits

Required Courses:

MGT 501 Evidence-Based Decisions

MGT 502 Talent Management

MGT 503 DEI Management

MGT 504 Leading Change

MGT 505 Conflict and Negotiations

MGT 506 Organizational Design

MGT 507 Global Management

MGT 508 Design Thinking

MGT 509 Strategic Communication

MGT 510 Strategic Management

Healthcare Management Concentration (take any five courses from the required course list and the five courses listed below)

MGT 511 Healthcare Economics and Finance

MGT 512 Healthcare Systems and Operations

MGT 513 Analytic Methods in Healthcare

MGT 514 Healthcare Services Management

MGT 515 Quality in Healthcare

MASTER OF SCIENCE DEGREE IN SPECIAL EDUCATION – ONLINE

The Master of Science degree in Special Education is an advanced degree for those currently certified to teach or with teaching experience. The program also offers a track for students who do not have a teaching certification but have relevant teaching experience and are interested in special education coursework.

Program Requirements: 30 total graduate credits

Cross-Endorsement Track

(Comprehensive Special Education, K-12 (CT-165) Cross-Endorsement***)

A minimum of 30 graduate credits is required for graduation.

A. Core Courses (24 credits)

1. EDU 610 Special Education Assessment..... 3 credits Summer A

2. EDU 611 Special Education Methods..... 3 credits Summer B
of Instruction

3. EDU 612 Assistive/ Adaptive Technology.....3 credits Spring A

4. EDU 613 Evidence-Based Practices for Behavior 3 credits Fall B
Management in Special Education

5. EDU 630 Applying Foundational Knowledge and..... 3 credits Fall A
Application in Special Education

6. EDU 632 Special Education in the Arts.....3 credits Spring B

7. EDU 634 Interagency Collaboration 3 credits Summer A
for Students with Disabilities and their Families
8. EDU 697 Culminating. 3 credits Sp. A&B Fa A&B
Research Project**

B. Practicum Experiences (6 credits)*

9. EDU 690 Practicum in Local Agencies3 credits Summer A&B
10. EDU 692 Practicum in.....3 credits F A&B/S A&B
Elementary Special Education
- or
11. EDU 694 Practicum in..... 3 credits F A&B/S A&B
Secondary Special Education

** 1.5 per term for each practicum experience and must take two sections for each course to meet the state's requirement.*

*** The culminating research project (EDU 697) will be an action research project that requires EDU 610 as a prerequisite. EDU 697 should be taken during the final semester of the student's program.*

****Upon completion of the MS in Special Education and the certification tests (Connecticut Foundations of Reading Test 890 and Praxis II, Special Education: Core Knowledge and Mild to Moderate Applications 5543), students may apply to the CT Department of Education to cross-endorse to Comprehensive Special Education, K-12 (#165).*

Master's Only Track

A minimum of 30 graduate credits is required for graduation.

A. Core Courses (24 credits)

1. EDU 610 Special Education Assessment..... 3 credits Summer A
2. EDU 611 Special Education..... 3 credits Summer B
Methods of Instruction
3. EDU 612 Assistive/ Adaptive Technology 3 credits Spring A
4. EDU 613 Evidence-Based Practices 3 credits Fall B
for Behavior Management in Special Education
5. EDU 630 Applying Foundational..... 3 credits Fall A
Knowledge and Application in Special Education
6. EDU 632 Special Education in the Arts.....3 credits Spring B
7. EDU 634 Interagency Collaboration 3 credits Summer A
for Students with Disabilities and their Families
8. EDU 697 Culminating Research Project **.... 3 credits S A&B/F A&B

Note: Candidates can complete any combination of 6 credits from options in B & C.

B. Elective Practicum Experiences (3~6 credits) *

9. EDU 690 Practicum in Local Agencies 3 credits Summer A & B
10. EDU 692 Practicum in Elementary..... 3 credits F A, B or S A, B
Special Education
11. EDU 694 Practicum in Secondary Special Education

**1.5 per term for each practicum experience 3 credits F A, B or S A, B*

C. Elective courses (3~6 credits)

12. EDU 620 Intervention for..... 3 credits Fall A
Young Children with Autism
13. EDU 680 Issues and Trends.....3 credits Spring A
in Special Education
14. EDU 619 Strategies for instruction to ELS..... 3 credits Fall B

*** The culminating research project (EDU 697) will be an action research project that requires EDU 610 as a prerequisite. EDU 697 should be taken during the final semester of the student's program.*

MASTER OF SCIENCE IN EDUCATIONAL TECHNOLOGY – ONLINE

The Master of Science 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.

Program Requirements: 30 total graduate credits

Core Courses: (12 credits)

EDU 512 Educational Technology Theory and Design.....	3
EDU 608 Principles of Educational Research.....	3
EDU 612 Assistive Technology.....	3
EDU 657 Global Connections in Education.....	3

Content/Discipline Elective Courses by Advisement: select four of the following: (12 credits)

ECE 512 Technology in Early Childhood Education
DLL 616 Bilingual Foundations and Methods
DLL 617 Ling & Acad Assessment of L2
DLL 618 1st & 2nd Language Acquisition
DLL 620 Inter Comm & Cul Comp
DLL 621 TESOL Methods
EDU 613 Evidence-based Practices for Behavior Management
EDU 617 Contemporary Literacies in the Content Areas
EDU 619 Strategies for Modifying Content Instruction to English Learners
EDU 630 Applying Foundational Knowledge in Special Education
EDU 632 Special Education in the Arts
EDU 634 Interagency Collaboration for Students and Families
EDU 662 Inquiry, Problem Solving and Modeling in STEM Content
EDU 665 Inquiry-Based Learning in the ELA Classroom
EDU 656 Teaching Math and Science with Technology
EDU 660 Math and Science Content: An Integrative Approach

Required two Culminating Experiences Courses and ePortfolio (6 credits)

EDU 696 Research and Readings (FO, SPO) OR
EDU 697 Culminating Research Project (FO, SPO, SUO) AND
EDU 677 Emerging Educational Technologies (SUO)

MASTER OF SCIENCE IN EDUCATIONAL STUDIES

The Master of Science degree in Educational Studies is an advanced degree for those currently certified to teach or with teaching experience.

Program Requirements: 31 total graduate credits

Core Courses: (12 credits)

EDU 608 Principles of Educational Research.....	3
EDU 617 Contemporary Literacies in the Content Areas.....	3
EDU 619 Strategies for Modifying Content.....	3
Instruction to English Learners	
EDU 680 Issues and Trends in Special Education	

CONTENT/DISCIPLINE AREA STRAND (SELECT ONE STRAND) (9 CREDITS)

EARLY CHILDHOOD EDUCATION (ECE) STRAND

CCE 620 Interventions for Young Children with Autism
ECE 603 Early Literacy Development, Pedagogy and Assessment
ECE 610 Data-based Approaches to Differentiating Math and Science Content Pedagogy

ENGLISH/LANGUAGE ARTS (ELA) STRAND

EDU 665 Inquiry-Based Learning in the ELA Classroom

EDU 667 Writing Instruction: Theory and Practice

EDU 668 Teaching Reading and Writing with Expository Texts

READING AND LANGUAGE ARTS (RLA) STRAND

RLA 610 Current Developments in Literacy Education

RLA 626 Children's Literature: A Reader Response Perspective

RLA 627 Multicultural Literature for Children and Young Adults

SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM)

EDU 656 Teaching Math and Science with Technology

EDU 660 Math and Science Content: An Integrative Approach

EDU 662 Inquiry, Problem Solving and Modeling in STEM Content

SPECIAL EDUCATION (SPED) STRAND

EDU 612 Assistive/Adaptive Technology

EDU 613 Evidence-Based Practices for Behavior Mgmt. in Special Education

EDU 614 Reading, Writing and Mathematics Interventions for Struggling Learners & Students with High-Incidence Disabilities

EDUCATIONAL TECHNOLOGY (EDTECH) STRAND

EDU 512 Educational Theory and Design

EDU 657 Global Connections in Education

EDU 677 Emerging Educational Technologies

CONTENT/DISCIPLINE ELECTIVES (6 CREDITS)

(Selected with and approved by advisor)

CULMINATING PROJECTS (4 CREDITS)

EDU 693 Collaborative Data Literacy Project (1 credit)

EDU 697 Culminating Research Project (3 credits) (SPED/BISK Course)

The completion of these courses satisfies the CTGSS 10-145b(g).

GRADUATE TEACHER CERTIFICATION PROGRAMS

Please note that Eastern students may opt to pursue an 'Early Start' option for Graduate certification programs. Please refer to <https://www.easternct.edu/education/teacher-certification-care/care-admission-policies.html> for current information.

MASTER OF SCIENCE IN EARLY CHILDHOOD EDUCATION WITH CERTIFICATION

Prerequisites: B.A./B.S. from an accredited university; submission of ACT, GRE, SAT, or Praxis CORE Academic Skills scores; successful completion of other admission requirements and acceptance by the Committee on Admission and Retention in Education (CARE).

In addition, study in all of the following areas is required:

- U.S. History Course (3 credits)
- Health HPE 201 (1 credit) or HPE 210 (2 credits)
- Arts (Music, Theatre, Art History, Visual Arts) (3 credits)
- English (College level ENG) (6 credits)
- MAT 139P (3 or 4 credits)
- Natural Sciences (two college-level science courses; one with lab; (7 credits)
- Social Sciences (SOC, PSY, ECO, GEO, PSC) (3 credits)
- World Language (Foreign Language if not met in high school) (6 credits)
- Human Growth & Development (May include courses in Psychology and Early Childhood Education courses) (12 credits)

Program Requirements:

Core Courses (7 credits)

EDU 504 Educational Assessment	3
EDU 505 Second Language Acquisition and Strategies	1
EDU 555 Education and Society.....	3

Early Childhood Education Courses (26 credits)

ECE 514 Clinical Experience I.....	1
ECE 516 Clinical Experience II.....	1
ECE 500 Advanced Study of Early Childhood Development.....	3
ECE 501 Families, Communities and Culture	3
ECE 503 Language and Literacy.....	3
ECE 504 Early Childhood Curriculum	3
ECE 505 Young Children with Special Needs	3
ECE 507 Reading and Writing in the Primary Years.....	3
ECE 510 Math and Science in Early Childhood Education	3
ECE 512 Technology in the Early Childhood Classroom.....	3

Student Teaching and Practicum Experiences (12 credits)

Candidates must complete all CORE and Early Childhood Educ..Courses and Liberal Arts/General Education Course requirements prior to student teaching.

ECE 506 Adaptions for Diverse Needs.....	3
ECE 566 Practicum in Early Childhood Special Education.....	3
ECE 565 Student Teaching in a Primary Grade	6

Exit Requirements

Early Childhood Test (801)

The CT Foundations of Reading Test--See <https://www.ct.nesinc.com/> for more information

MASTER OF SCIENCE IN ELEMENTARY EDUCATION WITH CERTIFICATION

Prerequisites: B. A. /B. S.. from an accredited university; submission of ACT, GRE, SAT, or Praxis CORE Academic Skills scores; successful completion of other admission requirements and acceptance by the Committee on Admission and Retention in Education (CARE).

In addition, study in all of the following areas is required:

- U.S..History course (3 credits)
- Health HPE 201 (1 credit) or HPE 210 (2 credits)
- Arts (Music, Theatre, Art History, Visual Arts) (3 credits)
- English (College level ENG above College Writing) (6 credits)
- MAT 139 (3-4 credits) and MAT 140 (3 credits)
- Natural Sciences (Physical or Earth Science, 3 credits and Biological Science, 3 credits) One science must be taken with a lab, 1 credit
- Social Sciences (SOC, PSY, ECO, GEO, PSC) (3 credits)
- World Language (Foreign Language if not met in high school) (6 credits)
- Human Growth & Development (PSY 206 Psychology of Childhood OR PSY 208 Psychology of Adolescence, 3 Credits) and EDU 222 Creative Expressions for Children and Youth (3 credits)

Program Requirements:

Core Courses (10 credits)

EDU 504 Educational Assessment	3
EDU 505 Second Language Acquisition and Strategies	1
EDU 511 Learning and Teaching: Concepts and Models.....	3
EDU 555 Education and Society.....	3

Elementary Education Courses (25 credits)

EDU 501 Clinical Experience I	1
EDU 502 Clinical Experience II (if the program extends four or more semesters)	1
EDU 516 Foundations of Literacy	3
EDU 517 Applications of Literacy and Language Arts.....	3
EDU 532 Issues/Trends: Math	3
EDU 537 Science in Elementary School.....	3
EDU 544 Patterns of Development: Typical and Exceptional	3
EDU 563 Issues/Trends: Social Studies	3
EDU 582 Teaching Exceptional Learners	3
EDU 523 Pre-student Teaching: Elementary Schools	3
(taken semester before student teaching)	

Student Teaching & Culminating Experiences (9-12 credits)

Candidates must complete all CORE and Elementary Educ.. Courses and Liberal Arts/General Education Course requirements prior to student teaching

EDU 565 Classroom Management and Assessment/Elem. School	3
EDU 573 Graduate Student Teaching: Elem Schools.....	6-9

Exit Requirements

Praxis II Elementary Education Multiple Subjects Tests (5001)

The CT Foundations of Reading Test--See <https://www.ct.nesinc.com/> for more information.

MASTER OF SCIENCE IN SECONDARY EDUCATION WITH 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 (30 credits) – may be eligible for this Master's certification program.

Prerequisites: B.A. /B.S.. from an accredited university; submission of ACT, GRE, SAT, or Praxis CORE Academic Skills scores; successful completion of PRAXIS II exam content area; successful completion of other admission requirements and acceptance by the Committee on Admission and Retention in Education (CARE).

In addition, study in all of the following areas is required:

- U.S.. History course (3 credits)
- Health HPE 201 (1 credit) or HPE 210 (2 credits)
- Arts (Music, Theatre, Art History, Visual Arts) (3 credits)
- English (College level ENG) (3 credits)
- Math (3 Credits)
- Natural Sciences (3 credits)
- Social Sciences (SOC, PSY, ECO, GEO, PSC) (3 credits)
- World Language (Foreign Language if not met in high school) (3 credits)

Program Requirements:**Core Courses (10 credits)**

EDU 504 Educational Assessment	3
EDU 505 Second Language Acquisition and Strategies	1
EDU 511 Learning and Teaching: Concepts and Models.....	3
EDU 555 Education and Society.....	3

Secondary Education Courses (16 credits)

EDU 501 Clinical Experience I (1 credit)	
EDU 502 Clinical Experience II.....	1
(If program extends four or more semesters)	

EDU 510 Content Area Reading and Writing	3
(for non-Secondary English candidates) OR	
EDU 514 Literacy Development for Secondary English	
EDU 544 Patterns of Development: Typical and Exceptional	3
One of the following, according to the major:	
EDU 546 Issues and Applications in Secondary Mathematics OR	3
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 582 Teaching Exceptional Learners.....	3
EDU 521 Pre-student Teaching: Secondary Schools	3
(taken semester before student teaching)	

Student Teaching & Culminating Experiences (9-12 credits)

Candidates must complete all CORE and Secondary Educ.. Courses and Liberal Arts/General Education Course requirements prior to student teaching

- EDU 525 Classroom Management and Assessment/Secondary School
- EDU 571 Graduate Student Teaching: Secondary Sch.. (6-9 credits)

CENTER FOR SUSTAINABILITY STUDIES

Patricia Szczys, director

As Connecticut's only public liberal arts university, Eastern integrates sustainability practice and principles into all aspects of the campus experience for students, faculty, and staff. Eastern adopted the multifaceted and inclusive definition of sustainability: the goal of meeting the needs of the present without compromising the ability of future generations to meet their own needs. Recognizing that a sustainable future requires the equitable distribution of the benefits and costs associated with the sustainable use of natural resources that drive a sustainable economy, thus improving the well-being of people and the planet now and in the future.

At Eastern, sustainability initiatives are conceived and achieved by the interactions of the Green Campus Committee (GCC) and the Center for Sustainability Studies (CSS).

Students can find the UN Sustainable Development Goals (SDGs) integrated in coursework, in campus and community involvement, and in the operations of the university. Through Education for the Goals, we empower students with the knowledge and skills required to solve our most pressing challenges.

The following courses have been identified by Eastern faculty as Sustainability Courses that incorporate sustainability principles. Those denoted with * have been developed to center the knowledge and skills to address at least one of the United Nations 2030 Sustainable Development Goals.

- ANT 101 Introduction to Anthropology
- ANT 106 Cultural Anthropology
- ANT 125 Introduction to Archaeology
- ANT 221 Native Americans
- ANT 222 Native Peoples of Canada
- ANT 250 Economies and Cultures
- ANT 300 Women and Work
- *ANT 337 Urban Anthropology
- ANT 345 Transnational, Racial and Ethnic Identity
- ANT 364 Medical Anthropology
- ART 355 Women and the Visual Arts
- ART 402 Issues in Contemporary Art
- ART 422 Illustration III, Public Service Illustration Project
- *BIO 200 Ecology and the Environment
- *BIO 204 Sustainable Cannabis Cultivation

BIO 205 Insects and Human Society with Lab
 *BIO 301 Microbes and Your Health
 BIO 304 Genetics and Society
 BIO 305 The Animal World
 *BIO 311 Microbes Matter
 BIO 220 Cell Structure and Function with Lab
 *BIO 332 Biology of Plants
 BIO 424 Biological Chemistry
 *BIO 438 Plant Physiology
 BIO 452 Conservation Biology with Laboratory
 BUS 230 Business and Society
 BUS 260 Operations Management
 BUS 301 Business Ethics
 *BUS 307 Global Business
 BUS 326 Sales Management
 BUS 327 Business-to-Business (B2B) Marketing
 *BUS 428 Marketing Research
 *BUS 450 International Business
 COM 101 Interpersonal Communication
 COM 190 Newspaper Practicum
 COM 252 Social Media Strategies
 COM 321 History of Communication
 *COM 345 Documentary Production
 COM 351 Journalism Principles
 COM 357 Scriptwriting
 COM 358 Scriptwriting & Presentation
 DNC 240 West African Dance I
 EDU 222 Creative Expressions for Children and Youth (T2CE)
 *EDU 357 International and Cross-Cultural Education
 EDU 413 Methods in Elementary Science
 EDU 549 Issues and Applications in Secondary Biology and Environmental Earth Science
 EES 104 Dynamic Earth
 *EES 112 Dynamic Earth Lab
 EES 130 Ancient Environments with Laboratory
 *EES 200 Oceanography
 EES 204 Global Climate Change
 *EES 205 Sustainable Energy
 *EES 207 Sustainable Energy Lab
 *EES 210 Introduction to Environmental Health
 EES 220 Environmental Geology
 EES 222 Water and Society
 EES 224 Landform Analysis with Laboratory
 *EES 300 Introduction to GIS
 EES 305 Energy Resources
 EES 315 Environmental Science and Society

*EES 322 Hydrology with Lab
 EES 323 Drinking Water Management
 *EES 330 Mineralogy and Rock Analysis with Laboratory
 EES 342 Advanced Geographic Information Systems with Laboratory
 EES 344 Sedimentology and Stratigraphy with Laboratory
 EES 350 Field Methods in Earth Science
 *EES 402 Energy Issues in Geoscience
 *EES 444 Geospatial Applications Using Remote Sensing
 ENG 125 Intro to Literature
 ENG 233 Contemporary Poetry
 *ENG 300 Business and Technical Writing
 ENG 302 Writing Poetry
 ENG 330 Science Fiction
 ENG 382 Advanced Poetry Writing Workshop
 ENG 461/462 Play Writing and Social Justice
 GEO/WST 306 Gender, Justice, Environment
 *GEO 331 Geography of Food
 GEO 332 Geographies of Tourism
 HON 360 Saving the World with Behavioral Science
 HON 360 The Prison State
 HSC 235 Native American Health
 HSC 306 Health Policy
 HSC 425 Microbiology for Health Sciences
 HSC 440 Ethics, Law and Public Health
 *LAC 100 Let's Talk About Data
 *LAC 100 Film Cultures
 *LAC 100 Environmental Issues in Earth Sciences
 *LAC 200 Infographic Activism
 *LAC 200 Getting Started as an Entrepreneur
 *LAC 200 Beyond Reality, The Future in Popular Media
 *LAC 200 Sustainability in Action: Climate, Communities, Conservation
 *LAC 200 Becoming a Self-directed Learner
 *LAC 200 Preparing for an Inclusive World
 *LAC 200 The Mountain World
 *LAC 400 Exploring Tools for Future Learning
 LAP 430 - Liberal Arts Capstone Colloquium
 MUS 100 Fundamentals of Music (global perspective)
 MUS 330 Korean Music and Culture
 MUS 335 Introduction to Ethnomusicology
 MUS 356 Individual Music Instruction
 MUS 456 Individual Music Instruction: Composition
 PHI 360 Global Ethics
 *PBH 209 Public Health Nutrition
 PBH 228 Introduction to Public Health
 PBH 330 Principles of Global Health
 PBH 340 Non-Profit Organizations and Health

PHY 217 Meteorology
PSC 208 Global Politics
PSC 311 International Development
PSC 339 Constitutional Law I: Powers and Process
PSC 340 Constitutional Law II: Civil Liberties
PSC 341 Judicial Process
*PSC 351 Environmental Politics Policy
PSC 400 New Media & Political Reality
PSC 460 Criminal Justice Policy
PSC 480 Independent Study
PSY 496 Psychology Internship Group Supervision
*SOC100 Introduction to Sociology
SOC 400 Sociology Senior Seminar (spring and fall)
SWK 200 Introduction to Social Work
SWK 360 Social Work in Schools with Exceptional Students
SWK 475 Senior Seminar: Diversity, Human Rights, & Social Justice
THE 171 Improvisational and Physical Theatre
THE 180 Performance in Context (when topic is New Media)
THE 278 Intro Costume Technology
THE 474 Experimental Theatre: Theory and Performance (Auditioning for Stage & Screen)