



UNDERGRADUATE & GRADUATE CATALOG  
2020-2021



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# *President's Message*

Welcome to Eastern, Connecticut's only public liberal arts university. Eastern has much to offer our students — more than 40 majors and 60 minors in a variety of academic disciplines and professional fields; a teaching faculty committed to our students; an exciting campus culture; and a strong presence in the local community.

The core of Eastern's teaching and learning environment is the University's liberal arts curriculum, which uses an interdisciplinary approach to develop students' analytical and research skills. Through a sequenced, self-selected set of courses in mathematics, the sciences, humanities and social sciences, Eastern students learn the collaborative skills necessary for success in today's professional workplace, as well as the ability to adapt to the changes occurring in a global society. Students also learn ethics, college-level writing and problem-solving skills through team projects and independent study.

The liberal arts education that students receive in the classroom is supported by a range of experiential learning opportunities. These include internships (from the Connecticut State Capitol to ESPN); cooperative education (from UTC to the Mohegan Sun); service learning (from Willimantic to Jamaica); undergraduate research (from studying marine wildlife in the Caribbean to analyzing Shakespearean tragedies); study abroad (from the Middle East to Australia); and other active learning opportunities. Using the local Willimantic community as a learning laboratory, Eastern students also contribute more than 20,000 hours of service a year to nonprofit organizations and local social service agencies.

The majority of Eastern students live on campus, including almost 90 percent of freshmen, taking advantage of their proximity to professors, computing resources, the library, fitness facilities, and each other to maximize their experience at Eastern. Our 14 residence halls provide an array of social, leadership and community service opportunities, while the state-of-the-art Student Center serves as headquarters to more than 90 student clubs and organizations. The Campus Activity Board also brings world-class concert performers to campus to entertain students and their guests. All of this adds up to an enriching campus environment that fosters students' personal and social development while advancing their academic and career goals. The recently renovated Communication Building has greatly enhanced the University's on-campus radio and television facilities, and the renovation of Goddard Hall has created new laboratories for the Psychology and Kinesiology and Physical Education departments. In fall 2019, a renovated Shafer Hall — home to the original Willimantic State Teachers College in 1946 — reopened as a loft-style residence hall for 90 Eastern students.

I encourage you to learn more about the opportunities and services available at Eastern. We are here to help you make the most of your college experience.



Elsa M. Núñez  
President

## **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 on the basis of race, color, national origin, age, sex, disability or sexual orientation in admission to, access to, treatment in, or employment in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies, including a policy of prohibition against sexual harassment, as well as other issues related to civil rights compliance.

Dr. Stacey Close, Chief Diversity Officer  
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 Dr. Stacey Close, Chief Diversity Officer, 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 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 Family Educational Rights and Privacy Act Office concerning alleged failures by the institution to comply with FERPA.

The University policy statement explains in detail the procedures to be used for compliance with the provisions of the 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 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 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 Social Work, Bachelor of General Studies; and Master of Science.

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

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, 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 the 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 turf track and field, the baseball stadium, a softball field, intramural fields and locker facilities.

Eastern Connecticut State University is accredited by the New England Commission on Higher Education.

# *2020-21 University Calendar*

## Fall 2020

August 24	Academic Year Begins
August 26	Classes begin at 8 a.m.
September 7	Holiday (Labor Day) – No Classes
November 26-29	Thanksgiving Recess – No Classes
November 30	Classes resume online
December 7	Classes end
December 9-15	Final Exams (day, evening, and Saturday classes)

## WINTERSESSION 2019

December 25	Holiday (Christmas) – No classes, offices closed
December 28	Winter Courses Begin
January 1	Holiday (New Year's Day) – No classes Make-up days
January 13	Wintersession Courses End

## SPRING 2020\*

January 19	Official start of Spring semester
January 26	Classes begin at 8 a.m.
February 12	Holiday (Lincoln's Birthday observed) – No classes, offices closed
February 13	No Saturday classes
February 15	Holiday (Presidents Day) – No classes, offices closed
May 7	Day and evening classes end
May 10-16	Final exams (day, evening and Saturday classes)
May 18	Commencement (Tentative Date)

\*Due to COVID-19, spring recess has been canceled and the semester will begin one week later.



# 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 General Studies**
- **Associate of Science**

## UNDERGRADUATE PROGRAMS

Eastern offers the Bachelor of Arts (B.A.), Bachelor of Science (B.S.) or Bachelor of General Studies (B.G.S.) degree to students who have successfully completed a four-year program of study. The Associate Degree 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.)	Health Sciences (B.S.)
Anthropology (B.A.)	History and Social Sciences (B.A.)
Art and Art History (B.A.)	Individualized Major (B.A. and B.S.)
Biochemistry (B.S.)	Labor Relations/Human Resource Management (B.S.)
Biology (B.A. and B.S.)	Liberal Studies (B.A.)
Business Administration (B.S.)	Mathematics (B.A. and B.S.)
Business Information Systems (B.S.)	Music (B.A.)
Communication (B.S.)	New Media Studies (B.A.)
Computer Science (B.S.)	Philosophy (B.A.)
Criminology (B.A.)	Physical Education (B.S.)
Data Science (B.A. and B.S.)	Political Science (B.A.)
Early Childhood Education (B.S.)	Psychology (B.A.)
Economics (B.A.)	Secondary Education Certification (B.S.)
Elementary Education (B.S.)	Social Work (B.A.)
English (B.A.)	Sociology (B.A.)
Environmental Earth Science (B.S.)	Theatre (B.A.)
Finance (B.A.)	Women's and Gender Studies (B.A.)
General Studies (B.G.S.)	
Spanish (B.A.)	
Sport and Leisure Management (B.S.)	

## ACADEMIC MINORS

Accounting	Healthcare Informatics
Anthropology	Healthcare Management
Art History	History
Asian Studies	Hydrogeology
Astronomy	Insurance
Biochemistry	Latin American and Caribbean Studies
Bioinformatics	Management Information Systems
Biology	Mathematics
Business Administration	Modern Languages
Business Information Systems Management	Music
Chemistry	New England Studies
Coaching	Peace and Human Rights
Communication	Philosophy
Computer Engineering Science	Physical Education
Computer Science	Physical Science
Costume and Fashion Design	Physics
Criminology	Political Science
Digital Art and Design	Pre-Law
Economics	Psychology
English	Public Health Studies
Environmental Earth Science	Social Informatics
Environmental Health Sciences	Sociology
Film Studies	Spanish
French	Sports and Leisure Management
Game Design	Studio Art
Genetic Counseling	Sustainable Energy Studies
Geographic Information Systems	Theatre
Geography	World Languages
Geomorphology	Women's Studies
Health	Writing

## TEACHER CERTIFICATION PROGRAMS

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

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

Early Childhood Education

Educational Studies

Educational Technology

Elementary Education

Organizational Management

Secondary Education

### **Master of Science Degree Programs with Certification**

Early Childhood Education (N-3)

Elementary Education (K-6)

Secondary Education (7-12)

### **Master of Science Degree Programs with Certification**

Early Childhood Education (N-3)

Elementary Education (K-6)

Secondary Education (7-12)

## SCHOOL OF ARTS AND SCIENCES

Carmen R. Cid, *Dean*

Amy Coffey, *Associate Dean*

The mission of the School of Arts and Sciences is to provide an education that encourages ethical and intellectual development 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**

Minors: **Art History, Digital Art and Design, Studio Art**

Faculty: **Terry Lennox, *chair*; Anne Dawson, *assistant chair***

Professor: **Anne Dawson, Terry Lennox, Qimin Liu**

Associate Professor: **Tao Chen, Afarin Rahmanifar**

Assistant Professor: **Maeve Doyle, Robert Greene, Soujin Kim, Lora Lee (Boya Li)**

### BIOLOGY DEPARTMENT

Majors: **Biology**

Minors: **Biology**

Faculty: **Elizabeth Cowles, *chair*; Matthew Graham, *assistant chair***

Professor: **Charles Booth, Elizabeth Cowles, Patricia Szczys**

Associate Professor: **Kristen Epp, Matthew Graham, Amy Groth, Joshua Idjadi, Brett**

**Mattingly, Barbara Murdoch**

Assistant Professor: **Jonathan Hulvey, Derek Laux, Kurt Lucin, Vijaykumar Veerappan**

### COMPUTER SCIENCE DEPARTMENT

Majors: **Computer Science, New Media Studies (Media Computation concentration)**

Minors: **Bioinformatics, Computer Engineering Sciences, Computer Science, Game Design,  
Management Information Systems**

Faculty: **Sarah Tasneem, *chair*; Kehan Gao, *assistant chair***



Professor: **Kehan Gao, Jian Lin, Joel Rosiene, Sarah Tasneem, Huan-Yu (Alan) Tu**

Associate Professor: **Garrett Dancik**

Assistant Professor: **MD Nashid Anjum**

#### ENGLISH DEPARTMENT

Majors: **English, Liberal Studies (English concentration), New Media Studies (English Concentration), Women's and Gender Studies**

Minors: **English, Writing, Women's and Gender Studies**

Faculty: **Barbara Little Liu, *chair*; Benjamin Pauley, *assistant chair***

Professor: **Miriam Chirico, Meredith Clermont-Ferrand, Daniel Donaghy, Stephen Ferruci, Barbara Little Liu, Rita Malenczyk, Raouf Mama, Maureen McDonnell, Kenneth McNeil, Benjamin Pauley, Christopher Torockio**

Associate Professor: **Susan DeRosa, Reginald Flood, Meredith James, Jordan Youngblood**

Assistant Professor: **Emily Cormier, Christine Garcia, Manuel Oteru, Allison Speicher**

#### ENVIRONMENTAL EARTH SCIENCE DEPARTMENT

Majors: **Environmental Earth Science**

Minors: **Environmental Earth Science, Environmental Health, Geographic Information Systems, Geomorphology, Hydrogeology, Sustainable Energy Studies**

Faculty: **Stephen Nathan, *chair*; Bryan Oakley, *assistant chair***

Professor: **Catherine Carlson, Dickson Cunningham, Peter Drzewiecki, James (Drew) Hyatt, Paul Torcellini**

Associate Professor: **Meredith Metcalf, Stephen Nathan, Bryan Oakley**

#### HEALTH SCIENCES DEPARTMENT

Majors: **Health Sciences**

Minors: **Public Health**

Faculty: **Yaw Nsiah, *chair*; Amy Bataille, *assistant chair***

Professor: **Anita Lee, Yaw Nsiah**

Assistant Professor: **Amy Bataille, Paul Canavan, Mitchell Doucette, Geeta Thapa**

## HISTORY DEPARTMENT

Majors: **History, History and Social Science, History with American Studies Concentration**

Minors: **Asian Studies, History, New England Studies**

Faculty: **Jamel Ostwald, *chair*; Caitlin Carenen, *assistant chair***

Professor: **Caitlin Carenen, David Frye, Anna Kirchmann, Jamel Ostwald**

Associate Professor: **Bradley Camp Davis**

Assistant Professor: **Thomas Balcerski, Stefan Kamola, Scott Moore**

## INDIVIDUALIZED MAJOR

**Dean, Arts and Sciences: Carmen Cid**

## MATHEMATICAL SCIENCES DEPARTMENT

Majors: **Mathematics, Liberal Studies (Mathematics concentration)**

Minors: **Mathematics**

Faculty: **Marsha Davis, *chair*, Megan Heenehan, *assistant chair***

Professor: **Anthony Aidoo, Marsha Davis, Peter Johnson, Mizan Khan, Bonsu Osei,  
Christian Yankov**

Associate Professor: **Megan Heenehan, Medhi Khorami, Kim Ward**

Assistant Professor: **Chantal Larose**

## PERFORMING ARTS DEPARTMENT

Majors: **Music, Theatre, New Media Studies (Performance Media)** Minors: **Costume and Fashion Design, Film Studies, Music, Theatre**

Faculty: **David Pellegrini, *co-chair*; Okon Hwang, *co-chair***

Professor: **David Belles, J.J. Cobb, Anthony Cornicello, Okon Hwang, David Pellegrini**

Associate Professor: **Jeffrey Calissi, Kristen Morgan, Emily Riggs**

Assistant Professor: **David Ballena, Pillip Bloomer, Alicia Bright-Holland, Timothy Cochran, Brian Day, Anya Sokolovskaya, Jason Wadecki, DeRon Williams**

## 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, Russell Sampson, John Toedt**

Assistant Professor: **Jessica Cook, Kedan He**

## POLITICAL SCIENCE, PHILOSOPHY AND GEOGRAPHY DEPARTMENT

Majors: **Political Science, Philosophy**

Minors: **Geography, Peace and Human Rights, Philosophy, Political Science, Pre-Law**

Faculty: **Martin Mendoza-Botelho, *chair*; Ana Funes-Mederey; *assistant chair***

Professor: **Nicole Krassas, Christopher Vasilopoulos**

Associate Professor: **Martin Mendoza-Botelho**

Assistant Professor: **Courtney Broschious, Ana Funes-Mederey, Patrick Vitale**

## DEPARTMENT OF PSYCHOLOGICAL SCIENCES

Majors: **Psychology**

Minors: **Psychology**

Faculty: **James Diller, *chair*; Lyndsey Lanagan-Leitzel, *assistant chair***

Professor: **Peter Bachiochi, Luis Cordon, Alita Cousins, James Diller, Carlos Escoto,**

**Madeleine Fugere, Melanie Evans Keyes, Lyndsey Lanagan-Leitzel, Jennifer**

**Leszczynski, Margaret Letterman, Kristalyn Salters-Pedneault**

Assistant Professor: **Christopher Krebs, Phyllis Lee, Jenna Scisco**

## SOCIOLOGY, ANTHROPOLOGY, CRIMINOLOGY, AND SOCIAL WORK DEPARTMENT

Majors: **Criminology, Social Work, Sociology**

Minors: **Anthropology, Criminology, Sociology**

Faculty: **Cara Bergstrom-Lynch, *chair***

Professor: **Dennis Canterbury, Kimberly Dugan, Mary Kenny, William Lugo, Eunice**

**Matthews-Armstead, Ricardo Pérez, Theresa Severance**

Associate Professor: **Cara Bergstrom-Lynch, Nick Parsons**

Assistant Professor: **Jennie Albert, Sarah Baires, Pamela Chiang, Isabel Logan,**

**Racheal Pesta, Nicolas Simon**

## WORLD LANGUAGES AND CULTURES DEPARTMENT

Majors: **Spanish**

Minors: **Asian Studies, French, Latin American Studies, Spanish, World Languages**

Faculty: **Kin Chan, *chair***

Professor: **Michèle Bacholle**

Assistant Professor: **Kin Chan**

## SCHOOL OF EDUCATION AND PROFESSIONAL STUDIES

Elizabeth Scott, *Interim Dean*

Christopher Drewry, *Associate 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**

Minors: **Accounting, Business Information Systems, Healthcare Informatics, Social Informatics**

Faculty: **Alex Citurs, *chair*; Moh'd Rujoub, *assistant chair***

Professor: **Doncho Petkov, Moh'd RuJoub, Jeffrey Schaller**

Associate Professor: **Sukeshini Grandhi, K. Niki Kunene**

Assistant Professor: **Meng Guo, Hao (Alan) He**

## COMMUNICATION DEPARTMENT

Majors: **Communication, New Media Studies (Communication concentration)**

Minors: **Communication**



Faculty: **Andrew Utterback**, *chair*

Professor: **Jaime Gomez**, **Terri Toles-Patkin**, **Andrew Utterback**

Associate Professor: **Olugbenga Ayeni**, **Edmond Chibeau**, **Jehoon Jeon**, **Mihyun Kang**, **John  
Zatowski**

## ECONOMICS AND FINANCE DEPARTMENT

Majors: **Economics**, **Finance**

Minors: **Economics**, **Finance**

Faculty: **Maryanne Clifford**, *chair*

Professor: **Chiaku Chukwuogor**, **Maryanne Clifford**, **Brendan Cunningham**

Assistant Professor: **Brianna Halladay**, **Steve Muchiri**, **Khai Zhi Sim**

## EDUCATION DEPARTMENT

Majors: **Early Childhood Education**, **Elementary Education**

Minors:

Faculty: **Sudha Swaminathan**, *chair*; **Mark Fabrizi**, *assistant chair*

Professor: **Theresa Bouley**, **Hari Koirala**, **Xing Liu**, **David Stoloff**, **Sudha Swaminathan**

Associate Professor: **Ann Anderberg**, **Mark Fabrizi**, **Susannah Richards**

Assistant Professor: **Kwangwon Lee**, **Tanya Moorehead**, **Matthew Puhlick**,  
**Laura Rodriguez**, **Elena Sada**

## KINESIOLOGY AND PHYSICAL EDUCATION DEPARTMENT

Majors: **Physical Education**, **Sport and Leisure Management**

Minors: **Coaching**, **Health**, **Physical Education**, **Sports and Leisure Management**

Faculty: **Gregory Kane**, *chair*; **Darren Robert**, *assistant chair*

Professor: **Darren Robert**, **Daniel Switchenko**

Associate Professor: **Charles Chatterton**, **Darren Dale**, **Gregory Kane**, **Ari de Wilde**

Assistant Professor: **Michelle Ferrer**

## MANAGEMENT AND MARKETING DEPARTMENT

Majors: **Business Administration**

Minors: Business Administration, Healthcare Management

Faculty: **Niti Pandey**, *chair*, **Wayne Buck**, *assistant chair*

Professor: **Branko Cavarkapa**, **Fatma Pakdil**

Associate Professor: **Craig Erwin**, **Niti Pandey**, **Emiliano Villanueva**

Assistant Professor: **Wayne Buck**, **Nahyun Oh**

## OFFICE OF CONTINUING STUDIES AND ENHANCED LEARNING

Indira Petoskey, *Assistant Dean*

### MISSION

The Office of Continuing Studies and Enhanced Learning (CSEL) supports Global Field Courses, Study Abroad, National Student Exchange opportunities, International Students (J-1 and F-1 Students), and Research Scholars by assuring their legal status is maintained in good standing, and they have the information they need to ensure a smooth and welcoming transition to Eastern or while abroad. CSEL also supports the University's Special Programs such as STEPCAP, First Generation Students, DACA Scholars, Reverse Internship, WHIP, Dual Enrollment, CLEP (College Level Examination Program), the DSST testing program, Non-credit Programs and the Louise Guarnaccia Scholarship.

To learn more please visit [www.easternct.edu/continuing-studies/index](http://www.easternct.edu/continuing-studies/index).

### ADMISSION OF INTERNATIONAL STUDENTS ON F-1 VISA

The University is pleased to consider for full-time admission all academically qualified students in legal status from other countries. International students must demonstrate competence in speaking and writing the English language to be considered for admission to a degree-granting program of undergraduate studies as a full-time matriculating student. A test of English as a Foreign Language (TOEFL) minimum Internet-based (IBT) score of 79 or International English Language Testing System (IELTS) score of 6 and above is required for admission.

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

### SECONDARY SCHOOL GRADUATES AND STUDENTS WHO HAVE ATTENDED POST-SECONDARY INSTITUTIONS IN OTHER COUNTRIES AND ARE APPLYING FOR AN F-1 VISA ARE SUBJECT TO THE FOLLOWING PROCEDURES:

- A completed application for admission and a non-refundable \$50 (U.S.) application fee must be forwarded to the Office of Admissions.
- An official record of work completed at the secondary school attended (and all institutions attended) must be forwarded to the Office of Admissions. All documents in languages other than English must be accompanied by a certified English translation.

Proficiency in English is required, and international students must submit evidence that they possess knowledge of the English language adequate to undertake a full course load (at least 12 credits) upon their arrival at the University.

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

- Submit the official score report from the test of English as a Foreign Language.
- The Scholastic Aptitude Test (SAT, I), American College Test (ACT) or International English Language Testing System (IELTS) may be substituted as an alternative to the TOEFL exam. The official score report must be forwarded to the Office of Admissions

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

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

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

Non-immigrant students holding the F-1 Visa may apply for part-time on-campus employment when the University is in session, and full-time employment when the University is not in session.

## **EXCHANGE PROGRAMS**

### **National Student Exchange (NSE)**

Eastern is a member of the National Student Exchange (NSE). Full-time students may apply to study for one semester or one year at more than 200 member colleges or universities in the United States, its territories and Canada. Students pay tuition and fees to Eastern, while paying room and board and normally charged fees to the host institution. The program is open to sophomores and juniors. Exceptions are occasionally made in the case of first-semester seniors. Students must have a 2.5 grade point average and pay a \$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 have their faculty advisor's approval before registering for courses. NSE/host institution credits are calculated in a student's GPA at Eastern.



## 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 have their faculty advisor's approval before registering for courses.

Costs for the international exchange program are the same for tuition and fees that a student would normally pay to attend Eastern; room and board varies with the type of accommodation. Costs for study abroad programs may vary from location to location and include tuition, fees, and room and board. Transportation, books, travel in the host country, insurance, application fees and incidental expenses are not included. All students who are registered in the International Study Program courses (ISP 300 and ISP 301) are automatically charged an application processing fee.

The following is a partial list of all current international exchange and study abroad 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.
- **New England/Quebec/Nova Scotia Student Exchange Programs.** Under the New England/Quebec Nova Scotia Student Exchange Programs, eligible full-time students at Eastern may spend one or two semesters during their junior or senior year of study at any of the 18 participating Canadian institutions.
- **Connecticut State University Partner Schools.** Eastern students are allowed to study abroad through any CSU partner school or third-party organization. Students interested in other CSU study abroad programs must first visit Eastern's Study Abroad office to begin the process.
- **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 Asia, 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. API offers high quality language and culture programs for all levels of language learners.

## INTERNATIONAL AND DOMESTIC GROUP STUDY AND GLOBAL FIELD EXPERIENCES

A number of academic departments at Eastern offer international and domestic group study and field experiences, which are administered by the Office of Continuing Studies and Enhanced 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 [www.easternct.edu/global-studies/index](http://www.easternct.edu/global-studies/index)

# Undergraduate Information

## UNDERGRADUATE ADMISSIONS

Christopher Dorsey, *Director of 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, 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, including composition)
- Mathematics (four years, including Algebra I, Geometry, and Algebra II and fourth year in an algebra-intensive course such as Trigonometry or Statistics and Probability)
- Science (three years, including at least one year in a life science and one year in a physical science, with two laboratory courses recommended)
- Social Studies (three years, including one year of U.S. History and the equivalent of one-half year in civics and American Government)
- World Languages including American Sign Language (two years recommended)
- Elective course (one year in one of the STEM subjects (science, technology, engineering, and mathematics))
- Humanities (one-year elective)

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. Freshman applicants are encouraged to apply for admission and supporting requirements no later than mid-January.

To apply for freshman admission, students must submit the following:

- Completed application for admission: Eastern's Online Application or [www.commonapp.com](http://www.commonapp.com)
- Non-refundable \$50 application fee
- An official copy of secondary school transcript or GED
- Two letters of recommendation, at least one of which must be from a teacher or guidance counselor
- SAT I or ACT scores (Test Optional applicants do not need to send scores)
- Essay (up to 500 words)

### Test Optional Admission Policy

Eastern has joined a growing number of public and private colleges that have adopted a Test-Optional Admission Policy. Students can choose if they want their SAT 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 competitive 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 solid essay
- A strong teacher recommendation in one of the five core disciplines outlined above

Note: All admitted applicants will be required to submit their SAT or ACT test scores in order to facilitate English and Math course placement during Freshman Preference Registration in late spring of the high school senior year.

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

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

- Completed application for admission: Eastern's Online Application or [www.commonapp.com](http://www.commonapp.com)
- Non-refundable \$50 application fee
- Official copy of transcript(s) from all previously attended colleges/universities Official copy of secondary school transcript or GED
- Optional: Personal Essay of up to 500 words
- Transfer applicants with acceptable academic records at other accredited colleges or universities do not need to submit SAT I 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 or documents provided as part of the admission process. The Office of Admissions may also withdraw the admission of any freshman applicant who does not complete the requirements for a secondary school diploma or any transfer student who does not maintain academic standards at the prior institution upon admission to Eastern.

After admission to the University, and 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 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, we
- recommend it 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 of 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

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

The University Honors Program serves as part of the Liberal Arts core curriculum for those admitted to the program. Honors scholars may major in any department, and some departments

offer departmental honors programs that can be coordinated with the University Honors Program. Honors scholars, who have a 3.5 cumulative grade point average and complete the honors 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 students who have earned fewer than 30 credits may apply to the program if their GPA is 3.5 or above. Honors Scholars receive the most substantial possible scholarships; incoming students for the Fall 2020 cohort will receive the following award based on their residency:

In-state, living on campus	Tuition and fee waiver
In-state, living at home	Tuition waiver
New England student (from MA, RI, NH, VT, or ME)	\$12,000 scholarship
Other out-of-state student (from NY, NJ, or beyond)	Tuition waiver

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. Decisions 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 freshman 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 (C+ average) to continue as freshmen for the fall semester at Eastern Connecticut State University. It also requires that students meet with STEP/ CAP professional staff at the Academic Services Center (ASC) at least once every two weeks throughout their freshman year and authorizes STEP/CAP staff to share information with parents and guardians 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 provides 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 can 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

## ADVANCED PLACEMENT PROGRAM (AP)

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

*Art 2D Design; Art 3D Design; Art, Drawing; Art, General; Art History; Biology; Calculus AB; Calculus BC; Chemistry; 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; Latin Literature; Latin Vergil; Music Theory; Physics B; Physics C; 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 received a grade of “C-” or higher in a course that is applicable to a degree program at Eastern. Students should submit an official college transcript directly to the Office of Admissions. For further information, contact the Office of Admissions.

### NEW ENGLAND REGIONAL STUDENT PROGRAM

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

#### **Bachelor Degree Program:**

All academic programs  
 Communication  
 Labor Relations and Human  
     Resource Management  
 Sociology

#### **Open to Residents of:**

Massachusetts and Rhode Island  
 Maine  
 Maine, New Hampshire and Vermont  
 Maine, New Hampshire and Vermont

### 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 Office of Continuing Studies and Enhanced Learning or [www.easternct.edu/ce](http://www.easternct.edu/ce). A maximum of 60 credits for all types of nontraditional learning may be awarded to an individual student.

## EXCELSIOR COLLEGE EXAMINATIONS

A limited number of credits may be earned in certain subject areas by taking Excelsior College examination(s). They offer college-level exams in the arts and sciences, criminal justice, business, education, and health. Interested students may consult with the Office of Continuing Studies and Enhanced Learning 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 Office of Continuing Studies and Enhanced Learning or visit [www.easternct.edu/ce](http://www.easternct.edu/ce). A maximum of 60 credits for all types of nontraditional learning may be awarded to an individual student.

## CREDIT FOR LIFELONG LEARNING PROGRAM

Persons 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 Office of Continuing Studies and Enhanced Learning. Only learning in subject areas offered by Eastern Connecticut State University can be considered for credit. Only matriculated students are eligible to be considered for this program. Candidates may be required to attend a non-credit Portfolio Preparation Workshop. A maximum of 60 credits for all types of nontraditional learning may be awarded to an individual student.

## TRANSFER OF CREDIT

After a transfer student is admitted to Eastern, all prior academic work successfully completed at other regionally accredited institutions for which the Office of Admissions has received official transcripts is evaluated by the Office of Admissions. The transfer evaluation is sent to the student in his or her 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 Ticket 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.

The Transfer Tickets available are:

Accounting	Art	Biochemistry
Biology	Business Administration	Communication
Computer Science	Criminology	Early Childhood Teacher Credential
English	Exercise Science	Finance
History	Mathematics	Political Science
Psychology	Spanish	Sociology
Theatre		

Please visit [www.ct.edu/transfer](http://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 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 electives are awarded.

Associate degree recipients from a health care 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 HEALTH CARE PROFESSIONALS

### Registered Nurses

Graduates of hospital-based nursing programs who do not hold an associate degree but who are registered nurses may be admitted to the University as candidates for the Bachelor of Arts or Bachelor of Science or Bachelor of General Studies 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 their readmission. Readmission to the University by the Office of Admissions does not guarantee on-campus housing or financial aid. Readmitted students requesting on-campus housing or financial assistance must contact the appropriate offices for information.

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

## SECOND BACCALAUREATE DEGREE

Eastern Connecticut State University undergraduate students may complete two baccalaureate degrees simultaneously by fulfilling all undergraduate graduation requirements, accumulating a minimum of 150 credits, fulfilling a minimum 60 credit residency, and meeting all requirements of both majors with at least 15 credits in each major earned at Eastern. Eastern 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 semester (fall/spring) directly following the awarding of the first degree. Students must submit an Application for Continued 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 following 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 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 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 in order to pursue this option. For additional information, consult the Registrar's Office.

## NON-MATRICULATED STUDENTS

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

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 another. Requests for change of status are subject to review and are not guaranteed.



# *Policies and Procedures*

## UNDERGRADUATE GRADUATION REQUIREMENTS

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

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

- 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 up on 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 in a degree program.

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

## MATRICULATION

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

### Leave of Absence from the University

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

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

### Withdrawal from the University

A student may withdraw from the University at any time prior to the end of classes. Such action should be initiated by full-time students in consultation with the Director of 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 taken at Eastern. Thirty credits of the baccalaureate degree must be taken at Eastern, with 15 credits of the major completed at Eastern.

On rare occasions, exceptions to residency requirements are made. Requests for exceptions are approved by the Academic 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 and approved form to the Registrar's Office.
- Make sure an official transcript of final grades is forwarded to the Registrar's Office immediately after completion of the course.
- After the beginning of the junior year, such courses must be taken at 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 courses are taken under specified exchange programs.

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

## EXCHANGE OF STUDENTS BETWEEN INSTITUTIONS IN THE STATE SYSTEM OF HIGHER EDUCATION

Students enrolled at Eastern may, from time to time, benefit significantly from taking a course not available at Eastern 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 Universities 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:

- Students must be enrolled for a minimum 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.
- The appropriate forms can be obtained from the Academic Services Center, J. Eugene Smith Library, Room 109, and should be returned to the Director of the Academic Services Center.
- Students admitted to the course will register under the procedures for unclassified students in the host institution. A transcript record of credit earned must be forwarded to the Registrar's Office immediately after the course is completed.
- 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 Services Center. Courses taken outside 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:

<b>Level</b>	<b>Earned Credits</b>
Freshman	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 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.)

Liberal Arts Core Curriculum	up to 34 credits
Concentration	15 credits
Electives	as needed
<b>Total Minimum</b>	<b>60 credits</b>

Note: To meet Eastern's residency requirement for the associate degree, a minimum of 15 credits must be earned through coursework at Eastern. Students must complete all of Tier I, as well as any three Tier II Liberal Arts Core (LAC) courses (two of the three LAC Tier II courses must be taken at Eastern). Either the Tier I or Tier II science course must include a one-credit laboratory or field course. 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.) OR BACHELOR OF SCIENCE (B.S.) 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. or B.S.:

Liberal Arts Core Curriculum	46 credits
Major Area of Study	30 – 66 credits
Electives	7 – 46 credits
<b>Total (minimum)</b>	<b>120 credits</b>

Specifications for meeting the Liberal Arts Core Curriculum can be found on page 85. 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 BGS program, each student completes a plan of study with a professional advisor. This plan must be submitted and approved by the coordinator of the BGS 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), CLEP (College Level Examination Program), 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.)

**Liberal Arts Core (LAC) Curriculum** up to 46 credits

Note: The LAC Tier I requirement is waived for new students transferring 60 or more credits, provided that those credits include a minimum of 27 credits of liberal arts and sciences coursework including a math course above College Algebra as well as English Composition. A minimum of two LAC Tier II courses in different categories, as well as the LAC Tier III requirement, must be completed at Eastern.

**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 (College Level Examination Program) and DSST testing programs, and American Council on Education (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 Academic Services Center. All approved substitutions or waivers must be filed in writing with the Registrar's Office.

## 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 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 which degree they wish to have conferred when they submit their Application for Degree form. The official transcript of each student will certify which degree is earned and which major or majors and minor have been completed.

### Individualized Major

The Individualized Major 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 and Mathematical Sciences have the option of earning either the B.A. or the B.S. degree. Biology and Mathematics majors should declare their degree option before the end of the sixth semester.

### 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 Academic Services Center Director and must be filed with the Registrar's Office.

### Credit Course Limit for the Summer Term

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

Credit limits for Summer Sessions are: (a) through the end of Summer Session A, students may take up to seven credits; (b) during Summer Sessions B and C, students may take up to seven credits.

Note: a student enrolled in Session C (three weeks) may not also enroll in an overlapping week-long, intensive course. The Academic Services Center Director may approve a registration for up to three additional credits for a total of 15 credits, provided that the student is in good academic standing.

### Course Credit Limit for the Winter Term

During Winter Session, a student may enroll for a maximum of four credits. In rare instances a student can be given permission by the Academic Services Center Director 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.

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 affect a student's eligibility for financial aid, participation in intercollegiate athletics, health insurance, etc.

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

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

## SPECIAL ENROLLMENT OPTIONS

Though Eastern encourages students to engage seriously in coursework for graded credits from the outset, students may sometimes find that they need to proceed with caution or 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 all Tier II and Tier III course requirements within the Liberal Arts Core Curriculum, 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. Two courses in the Liberal Arts Core Curriculum may be taken on a credit/no credit basis. The credit/no credit option in the Liberal Arts Core Curriculum is restricted to Tier I requirements. 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 10th 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 a first time:
  - a) If the first grade was C-, D+, D, or F, then the higher of the two grades earned in the repeated course will be calculated in the grade point average, and credits will be earned only once.
  - b) If the course was placed on credit/no credit when taken the first time, then the letter grade earned from the repeat will be calculated in the grade point average, and credits will be earned only once.
  - 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, no 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, taking into account all courses taken in residence.

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

<b>Grade</b>	<b>Points</b>	
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 requirements 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 examination and carrying an “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 3.50 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 (CGPA) of 2.0 will be placed on academic probation or dismissed from the University. A first-semester freshman whose grades are below a GPA of 2.0 at mid-semester may receive an academic warning that probation or dismissal will result if the student's grades are not improved by the end of the semester.

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

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

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

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

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

## 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 communications.

### Student Official Address

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

### Report of Grades

Mid-semester and final grades for the semester are available via e-Web at [eweb.easternct.edu](http://eweb.easternct.edu). Grade reports are not mailed to students. Students who require a final grade report, issued by the University, must submit a written request to the Registrar's Office.

### Transcript Policy

A university transcript is a complete, unabridged academic record, without deletions or omissions, providing information about a student from one institution or agency to another.

All official transcripts of a student's academic record are issued by the Registrar's Office only upon written request of the student. 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 unpaid financial obligation to the University or has not returned University property.

### Diplomas

At commencement ceremonies the University celebrates conferral of degrees on those students who have fulfilled its academic 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 2020 and spring 2021 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 Continuing Education or a part-time student if registered for fewer than 12 semester hours. A graduate student is considered to be a part-time student if registered for fewer than 9 semester hours. Such students will be charged Continuing Education fees.

For more information on tuition rates, please visit:

[www.easternct.edu/fiscal-affairs/\\_documents/bursar/burtuitionfees19-20.pdf](http://www.easternct.edu/fiscal-affairs/_documents/bursar/burtuitionfees19-20.pdf)

For more information on fee rates, please visit:

[www.easternct.edu/fiscal-affairs/\\_documents/bursar/burtuitionfees19-20.pdf](http://www.easternct.edu/fiscal-affairs/_documents/bursar/burtuitionfees19-20.pdf)

### HOUSING

For more information on housing rates, please visit: [www.easternct.edu/housing/forms-documents/housing-rates.html](http://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 freshmen. 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.

Freshmen 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, 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](http://www.easternct.edu/cardservices/about-the-meal-plan).

## 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 \$529/credit hour for undergraduates and \$629/credit hour for graduates. The full-time student refund policies apply.

**LATE PAYMENT FEE**      \$50.00

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

**RETURNED CHECK FEE**    \$20.00

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

## DEPOSITS

The following nonrefundable tuition and housing deposits will be billed:

**Admissions Deposit** (Nonrefundable)      \$ 200.00

Fee due from new students by May 1 or within 15 days of invoice date, \$50 applied to the tuition and fees and \$150 applied to Orientation fee.

**Housing Deposit** (Nonrefundable)    \$250.00 per semester

Applied to housing rates.

## 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

\$40.00 Full-Time students

\$12.00 Part-Time students

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.

## 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, participation in Commencement Exercises and student work privileges, and are subject to referral to a collection agency in accordance with state procedures. The lifting of such restrictions will occur either upon full payment of all unpaid balances or when satisfactory arrangements have been made with the Bursar's Office in conformity with University policy.

## THE EASTERN PAYMENT PLAN

It is the responsibility of students to assure that their bills are paid. Eastern recognizes the need of students to manage the payment of tuition and fees effectively. To meet this need, Eastern 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 intersession. 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 August 1  Spring Semester not later than January 2	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; <ul style="list-style-type: none"> <li>• 90 percent of the term charges will be cancelled during the first week of the term,</li> <li>• 60 percent of the term charges will be cancelled during the second week of the term,</li> <li>• 40 percent of the term charges will be cancelled during the third and the fourth weeks of the term,</li> <li>• No cancellation of charges after the fourth week of the term.</li> </ul>
\$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



<p>Housing Fee – (applies to students who withdraw from University)</p>	<p>Academic year contract to be paid in two installments:          Fall Semester not later than August 1          Spring Semester not later than January 2</p>	<p>Upon withdrawal from the University, the housing refund will mirror the University refund policy for tuition and fees:</p> <ul style="list-style-type: none"> <li>• 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,</li> <li>• 90 percent of the term charges will be cancelled during the first week of the term,</li> <li>• 60 percent of the term charges will be cancelled during the second week of the term,</li> <li>• 40 percent of the term charges will be cancelled during the third and fourth weeks of the term,</li> <li>• No cancellation of charges after the fourth week of the term.</li> </ul>
<p>Housing Fee (applies to students who remain enrolled, but withdraw from University housing)</p>		<p>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.</p> <p>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.</p>

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 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"> <li>• 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.</li> <li>• The student has medical reasons for cancellation that are verified by the appropriate university department.</li> <li>• The student has graduated from the University before the end of the contract period.</li> <li>• The student is academically suspended before the end of the contract period.</li> <li>• The student has officially withdrawn, or taken an official leave of absence, from the University.</li> </ul> <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 their 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>	
Food Service Fee	<p>Fall Semester <b>not later than</b> August 1  Spring Semester <b>not later than</b> January 2</p>	<p>Meal portion of fee refundable, on a prorated basis, upon withdrawal from the University, or upon withdrawal from University housing at the request of the student and contingent upon the concurrence of the University. The discretionary cash component of the food service fee, if any, will be refunded according to procedures established at each University.</p>
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	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 the fourth weeks of the term.  No refund after the fourth week of the term.
	Courses three weeks to seven weeks in length	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 of the term.
Part-time Tuition, General University Fee, and Course Fees	Courses less than three weeks in length	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 of the term.
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 full- and part-time refund schedules above	

*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

## REFUNDS OF TUITION AND FEES UNDER UNUSUAL CIRCUMSTANCES

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

## CONTINUING EDUCATION FEES

Visit [www.easternct.edu/ce/money/](http://www.easternct.edu/ce/money/) 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 in the Office of Continuing Studies and Enhanced Learning. Admission to the University is a prerequisite. Contact the VETS Center for further information.

## WAIVER OF TUITION AND STATE UNIVERSITY FEE FOR PERSONS SIXTY-TWO YEARS OF AGE OR OLDER

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

## CONNECTICUT NATIONAL GUARD TUITION WAIVER

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

Eligible full-time undergraduates must obtain a Certificate of Eligibility from their National Guard Unit and submit it to the Bursar's Office with their tuition bill each semester. For more information on this tuition waiver and other tuition assistance programs, such as student loan repayment programs, \$2,000 cash bonus, plus the GI Bill of \$198 per month, contact the National Guard.

## EDUCATION GRANT TO CHILDREN OF DECEASED OR DISABLED VETERANS OR MISSING IN ACTION MEMBERS OF THE ARMED FORCES

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

## UNDERGRADUATE FINANCIAL AID

The Financial Aid Office assists students in finding support for a college education. About 60 percent 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.

Financial aid applicants must file the FAFSA with the federal processor by:

- March 1 for the fall semester
- November 15 for the spring semester (spring admits only).

In order to be considered for most types of assistance, a student must be matriculated and enrolled 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/](http://www.easternct.edu/finaid/).

## POLICY ON SATISFACTORY ACADEMIC PROGRESS (SAP) FOR FINANCIAL AID

The SAP Policy at Eastern Connecticut State University applies to financial aid recipients only. The policy 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 (CGPA) 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 Completion Standard:** Undergraduate and graduate students are expected to successfully complete at least 67 percent of the credits attempted from term to term. This percentage can be negatively affected by incompletes, Credit/No Credit grades (C/ NC), 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 Timeframe 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 Connecticut State University within six years or once they have earned 180 credits (includes transfer credits and represents 150 percent of bachelor's degree 120-credit hour requirement). Graduate students are required to have completed a master's degree from Eastern Connecticut State University within three (3) years or once

they have earned 150 percent 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 frame. However, only the higher grade of the repeated course will be used in calculating the CGPA.

**\*\* Maximum Timeframe:** 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 is also applicable to students who have transferred, changed majors, repeated courses, and/or sought 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 transfer credits applied to the degree and required course credits at Eastern will guide the determination of Maximum Timeframe.

## FINANCIAL AID AWARDS AFFECTED BY SAP STANDARDS

Federal Pell Grant*	Federal SEOG
Federal Perkins Loan	Federal Direct Stafford Loan (subsidized and unsubsidized)
Federal Direct PLUS Loan	Federal Direct Grad PLUS Loan
Federal Work Study	Federal Veterans' Educational Benefits+
Academic Excellence Scholarship	Alternative/Private Loan Programs
CT Aid to Public College	CT Capitol Scholarship Students Grant
CT State University Grant	Governor's Scholarship Program Scholarship Governor's
Scholarship Program Grant	Out-of-State Scholarship/Grant Program
CT GEAR UP Scholarship	

\* 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 U.S. 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, a **SAP Warning** notification will be sent by e-mail 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 during 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 e-mail 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, 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, unexpected death or major hospitalization of an immediate family member, extended hospitalization or medical condition of the student or the student being victimized in a violent crime. The appeal must address and document these extenuating circumstances, describing:

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

The appeal form is available on the Office of Financial Aid website and must be submitted to the office **within two weeks** of receiving a notification of failure to achieve SAP standards. Appeals that don't address the stipulations above will be denied.

Questions regarding the SAP Policy requirements and/or process should be directed to the Office of Financial Aid via e-mail at [financialaid@easternct.edu](mailto:financialaid@easternct.edu) and/or by calling (860) 465-5205. Members of the financial aid staff are available to assist Monday-Friday from 8 a.m. to 5 p.m.

## UNIVERSITY HONORS SCHOLARSHIPS

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) 465-4317.

## ACADEMIC EXCELLENCE SCHOLARSHIPS

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

## STUDENT EMPLOYMENT

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

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

## JOB MATCH

JOB MATCH helps locate part-time and summer jobs for matriculated students, regardless of their financial need. Local employers list part-time jobs that assist students in developing career goals and help them financially. Currently available jobs are listed at [www.ecsujobs.org](http://www.ecsujobs.org). Students must fill out an application with individual employers listed.

## ARMY AND AIR FORCE ROTC SUBSISTENCE ALLOWANCE

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

Students are also eligible to compete for two-, three- and four-year ROTC scholarships. Each scholarship covers tuition and other fees, \$450 a year for books, and \$200 a month tax-free. You

do not need to be enrolled in ROTC to apply for these scholarships. For more information call Army ROTC at (860) 486-6081, X4538 or Air Force ROTC at (860) 486-2224.

## 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

Walter Diaz, Ed. D., *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. For more information please visit our website at: [www.easternct.edu/studentaffairs](http://www.easternct.edu/studentaffairs).

### DEAN OF STUDENTS

Michelle Delaney, *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 Center for Internships and Career Development, the Intercultural Center, the Office of Housing and Residential Life, the Women's Center and the Office of Student Conduct. 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 competition unless the student-athlete meets all of 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. Some of the more common concerns for which students seek counseling include depression and anxiety; relationship difficulties with friends, roommates, or family members; and academic difficulties. 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. For more information, please visit our website at: [www.easternct.edu/counseling](http://www.easternct.edu/counseling).

## ACCESSABILITY SERVICES

Kristen Scavone, *Director*

The Office of Accessibility Services (OAS) guides its work with best practices under the strategic plan of the University and the Division of Student Affairs. OAS services are designed to meet the unique educational needs of students with documented permanent and temporary disabilities such as ADHD, ASD, learning disabilities, chronic or episodic disabilities, psychological disabilities, deafness and hearing impairments, blindness and visual impairments, and physical disabilities.

The philosophy and mission of the program is to encourage independence, assist students in realizing their academic potential, and to facilitate the elimination of physical, programmatic, and attitudinal barriers. The OAS staff is here to assist individuals with disabilities in meeting their educational challenges successfully.

To learn more about OAS programs and services and the process for registering with the OAS under a documented disability, please explore the OAS website: [www.easternct.edu/accessibility](http://www.easternct.edu/accessibility).

## WELLNESS PROMOTION

Sandra Rose-Zak, *Coordinator*

The Office of Wellness Education and Promotion works to support Eastern Connecticut State University students as they strive for academic and personal success. Wellness Education and Promotion 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.

## CAMPUS MINISTRY

Fr. Jonathan Ficara, Rev. Rick Haverly, Rev. John Heald, 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 INTERNSHIPS AND CAREER DEVELOPMENT

Cliff Marrett, *Director*

The Center for Internships and Career Development supports the lifelong career development of students and alumni through career counseling, educational programming through classroom visits and student organizations, on-campus recruiting, and web-based resources. Services are designed to guide, while fostering self-direction and personal responsibility in career/life planning. The office helps students from freshman year through graduation to:

- Identify and evaluate skills, interests, abilities, and values
- Relate academic pursuits to career goals and objectives
- Gather factual information about occupational fields
- Build an awareness of the world of work
- Define personally meaningful career objectives
- Develop job-search skills
- Explore experiential education and internship opportunities
- Find rewarding careers after college

## CENTER FOR COMMUNITY ENGAGEMENT

Kimberly Armstrong Silcox, *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, student 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. Advising, training, meeting and workspace, supplies, connections with community partners and other resources are provided to support effective service, positive personal interactions, and mutually beneficial relationships.

## STUDENT HANDBOOK

Information concerning regulations of the University is available in the Student Handbook which contains the campus rights and responsibilities document, 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

Joseph Victor Breton, M.D., *Director*

Student Health Services is located at 185 Birch Street, adjacent to Windham Street Apartments. We provide a wide range of services to students at Eastern, including the treatment of general medical problems, comprehensive gynecological services including Pap tests and contraception. We also provide allergy shots, immunizations, and travel medicine. Visits are free, but charges are applied to some medications and diagnostic testing. Our website includes hours of operation, afterhours care and very important information on health insurance. All new students must complete health requirement forms prior to starting classes. Also, additional forms for athletes and students studying abroad must be completed.

## OFFICE OF HOUSING AND RESIDENTIAL LIFE

LaMar Coleman, *Director*

Eastern Connecticut State University prides itself on being a predominantly residential campus where over 50% 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 the 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, initiatives, 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

Chris Ambrosio, *Director*

The Office of Student Conduct is located on the second floor of the Alvin B. Wood Support Services Center. The role of Student Conduct is to foster student ethical development and personal responsibility through enforcement of the Connecticut State University (CSU) Student Code of Conduct. Students who are alleged to have violated the Student Code of Conduct meet with the Director of Student Conduct or designee to discuss and resolve the incident. In some instances, students may elect or may be required to attend a formal hearing. Further information regarding student rights and responsibilities and conduct procedures can be found in the Student Handbook at [www.easternct.edu/student-affairs/studenthandbook](http://www.easternct.edu/student-affairs/studenthandbook).

## THE ARTHUR L. JOHNSON UNITY WING

Starsheemar Byrum, *Director*

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 administrator from 1970 – 1999. In addition to his efforts at the University level, 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. All Centers are open Monday – Friday 8a – 5p.

## THE INTERCULTURAL CENTER

The Intercultural Center strives to create a climate of cultural awareness and inclusion, while providing a courageous space and services for supporting and celebrating a myriad of cultures and identities. While working closely with Eastern students of marginalized and underrepresented backgrounds, we build bridges and foster understanding, appreciation and respect for all members of the campus community. The Center facilitates programs and events through cross-cultural dialogues, guest lecturers, and initiatives that celebrate and share the rich cultures of the students, staff, and faculty who make up our community. Not only does the center provide university services, it supports multicultural student organizations and supports the ideas, goals, and efforts of all the University's organizations with regard to diversity, inclusion and equity. The Intercultural Center is located in the Student Center, Room 114.

## PRIDE CENTER

The Pride Center is committed to serving the diversity of the LGBTQ+ (lesbian, gay, bisexual, transgender, queer+) community on Eastern's campus. The Pride Center creates a space that is safe and accessible to those who identify as or who are allies of the LGBTQ+ community. The Center offers a community social space and provides support and resources. Along with space to study and socialize, the Center organizes campus programming and activities and has a calendar

of events. The Center's programming helps increase LGBTQ+ awareness and informs the community about issues related to sexuality and gender identity. The Pride Center is located in the Student Center, Room 108G.

## WOMEN'S CENTER

The Women's Center aims to advance the personal growth and intellectual development of students at Eastern. While serving as a resource and referral for all students, the Center organizes events, activities and sponsors educational initiatives that promote gender equity, knowledge of women-centered issues, awareness of gender-based violence, access to resources and more. The Center hosts workshops and guest lecturers throughout the year and promotes a campus culture of gender equity and change. Programs also exist for male and gender non-conforming students. The Center advocates for social justice, and provides support services to students impacted by sexual misconduct, intimate partner violence, stalking and other crimes. The Women's Center is located in the Student Center, Room 116.

## V.E.T.S. CENTER

*Rebekah Avery, Coordinator*

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. The center assists students in utilizing their VA education benefits. We offer computer access, free printing, and a lounge area for students, as well as a chance to share experiences from campus or military life.

## STUDENT CENTER AND STUDENT ACTIVITIES OFFICE

*Candace DeAngelis, 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 Association, Campus Activity Board, and Campus Lantern. The Intercultural Center and Women's Centers 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

*Casey Kensey, Director*

Each year an undergraduate summer orientation program and fall Warrior Welcome Programs are conducted to acquaint all new students with resources, policies, and procedures of the University. The programs assist students to get to know each other, their student leaders, and the

faculty and staff. Aspects of the programs, designed to help students succeed in college, are extended throughout the year. Student orientation leaders meet with new and transfer students and parents in small group settings to familiarize them with Eastern's academic opportunities and student support services.

## STUDY ABROAD

*Indira Petoskey, Assistant Dean, Office of Continuing Studies and Enhanced Learning*

Study Abroad allows students to experience the world and the global community. They can gain cultural insight while living and studying along with students of a host country for a full semester, academic year, or during the winter and summer breaks while earning University credits. We invite students to explore Eastern's many programs throughout the world – there is one that's right for everyone!

The Office is located in Winthrop Hall, Room 100.

## FOOD SERVICE

All students living in the following University residence halls are required to participate in the SILVER PLUS \$125 Meal Plan: Burnap, Burr, Constitution, Crandall, Mead, Niejadlik and Winthrop Halls and Occum residents on the first and second floors. Freshman students assigned to any residential facility are required to participate in the SILVER PLUS \$125 Meal Plan. No exceptions will be made. All full- and part-time students; students living off campus; and residents of Noble, Nutmeg, Laurel, Windham Street Apartments and Occum residents on the third and fourth floors may participate in the 50 BLOCK, 75 BLOCK, 150 BLOCK, SILVER PLUS \$125, SILVER PLUS \$225 OR SILVER PLUS \$325 Meal Plans. Students with medical authorization for special dietary requirements should file such authorization with the University Health Services Department. Health Services will make arrangements with food service management for preparation of required dietary needs. Other dietary needs are also accommodated by food service management. Visit [www.easternct.edu/card-services/](http://www.easternct.edu/card-services/) or call Card Services at (860) 465-5060 for more information or to request a Dining Services brochure.

## CARD SERVICES OFFICE

Registered students may obtain an Eastern Identification Card/Eastern EXPRESS\$ 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 ID (license, passport) are needed to obtain a University ID 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 and EXPRESS\$ CASH purchases.

Students may also participate in Eastern's EXPRESS\$ CARD/EXPRESS\$ CASH Program. This is a prepaid account (debit card) accessed with the Eastern Student ID, so there is no need for students to carry cash. Students can deposit money into an EXPRESS\$ CASH Account to make purchases at participating locations on and off campus. EXPRESS\$ CASH can be used: at the

Eastern Bookstore, for laundry machines in the residence halls, to pay late fines at the library, at campus vending machines, with off-campus merchants and for ticket purchases for Student Activities and Performing Arts Theatre events. EXPRE\$\$ CASH can also be used to pay for printing and copying at the J. Eugene Smith Library, the Webb 410 Computer Lab and in residence halls. Health Services charges, lost ID and electronic fob replacement fees at Card Services can also be paid using EXPRE\$\$ CASH. Visit the website at [www.easternct.edu/card-services/](http://www.easternct.edu/card-services/) or call Card Services at (860) 465-5060 for more information.

## PRINTING FUNDS

The University adds \$20 each semester to every student's University ID/EXPRE\$\$ 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 EXPRE\$\$ 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.

## EASTERN POLICE DEPARTMENT

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

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

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

In providing a secure campus, many safety programs have been put into place. There are emergency phones ("blue phones") and security cameras located throughout campus that are linked directly to the University Police Department. In addition to 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-55a of the Connecticut General Statutes, a uniform campus crime report is published annually and is also available upon request or by visiting the Campus Police website.

**For emergencies both on and off-campus**, dial “911.”

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

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

## THE DIVISION OF INSTITUTIONAL ADVANCEMENT

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

The Division of Institutional Advancement 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.

The Office of Development, managed by Director of Institutional Advancement Joseph McGann, 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, managed by Director of Alumni Affairs Michael Stenko, is the “friend-raising” arm of the Division. It organizes the annual Eastern Celebrates reunion, the 50th-anniversary class Jubilee, receptions with the President, and social networking events at various Connecticut and out-of-state locations. The office also communicates through networking sites and e-mail; and keeps alumni in touch with what is going on with the school and with one another. The Office, in collaboration 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, managed by Director of University Relations Edward Osborn, publishes EASTERN magazine and the bi-monthly online campus newsletter, “News ash.” 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.

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.

## OFFICE OF ALUMNI AFFAIRS/ECSU ALUMNI ASSOCIATION

Michael Stenko, *Director*

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 ECSU Alumni Association is committed to supporting the initiatives of the university and meeting the changing needs of its alumni and current students. The Alumni Association, along with the ECSU Foundation, Inc., sponsors the annual President's Leadership Awards which are presented to alumni and distinguished members of the university community.

## THE ECSU FOUNDATION, INC.

Kenneth J. DeLisa, *Vice President for Institutional Advancement and Executive Director, ECSU Foundation, Inc.*

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

## ACADEMIC SUCCESS CENTER

Alison Garewski, *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. The offices are located on the first floor 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: The Advising Center, The Mathematics Achievement Center (MAC), Subject Tutoring, and The Writing Center.

For more information, call (860) 465-4526 or visit [www.easternct.edu/academic-services/index.html](http://www.easternct.edu/academic-services/index.html).

### ASC ADVISING Center

The Advising Center takes a proactive approach to academic advising and student development services for undergraduate students. The Center administers the University's dual-advising services for first-year students and provides advising support services to the various academic departments. 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 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
- Cross Registration Program (aka. Inter-institutional Program - course enrollment at other state supported colleges and universities)
- 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](http://www.easternct.edu/advising/index.html).

### PLACEMENT TESTING

#### Writing Placement Test

First-year and transfer students who have not fulfilled the first stage of Eastern's writing Liberal Arts Core Curriculum requirement prior to their enrollment must 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 essay. If applicable, the results of the writing essay, reviewed by the English Department, will determine course placement.

#### Mathematics Placement Test

First-year and transfer students who have not fulfilled the first stage of Eastern's mathematics Liberal Arts Core 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 Math 1XX are immediately placed into MAT 135P, 139P, or 155P (choice of course determined with advisor). Transfer students 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/MAT 155P (choice of course determined in consultation with an advisor).

## 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 the mathematics, college writing, and FYI 100 course requirements within their first 30 credits earned at Eastern. The health and wellness requirement must be completed by 60 credits. Students who fail any of these courses in any given semester must take the course again the following semester. If a student fails to complete these courses within the first 30 credits (or 60 for the health and wellness requirement) earned at Eastern, he or she will not be allowed to register for additional courses unless his/her registration includes the required course(s).

## CHILD AND FAMILY DEVELOPMENT RESOURCE CENTER

Niloufar Rezai, *Director*

The mission of the Child and Family Development Resource Center (CFDRC) is to promote the positive development of young children. 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, focusing on English and Spanish. Eastern's early childhood education program is accredited by the Council for the Accreditation of Educator Preparation (CAEP), based on the National Council for Accreditation of Teacher Education (NCATE) Standards and the National Association of Education for Young Children (NAEYC). The center also supports research opportunities for Eastern students.

## COMPUTING RESOURCES

Garry Bozylinsky, *Chief Information Officer*

Eastern provides a wide range of computing resources to the University community. Wi-Fi is available in all residence halls and most other areas across campus. Students 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 as well as up to a total of five of their own personal computers, smartphones, and tablets.

Blackboard is Eastern's course management system and is used by many faculty members to enhance and supplement their courses.

Eastern's student information system, eWeb, provides online access to student services including admission, 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 to students by logging into: [portal.office.com/myapps](http://portal.office.com/myapps)

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. Webb Hall Room 410 is the location of Eastern's general-purpose computer lab. It contains Windows and Mac computers, along with network printers and scanners. The Webb 410 Lab is open over 100 hours per week during the academic year. In addition to Webb 410, the second and third floors of the Library contain numerous Windows and Mac computers for open use by students. The Library is open over 90 hours a week during the academic year. In addition, each Resident 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.

ITS also maintains a 3D Printing Lab for student academic work and faculty assignments. The 3D Lab is located in Room 235 of the Library.

Student technology account assistance and general information regarding technology at Eastern can be obtained at the Help Desk located in Library Room 236, the General Purpose Computer Lab in Webb Hall 410, or online by visiting: [www.myeasternct.sharepoint.com/sites/HelpDesk](http://www.myeasternct.sharepoint.com/sites/HelpDesk).

## THE J. EUGENE SMITH LIBRARY

Janice Wilson, *Director*

Librarians: Carolyn Coates, Hope-Marie Cook, Tara Hurt, Kristin Jacobi, Bruce Johnston,  
Sandra Rosado

Assistant Librarians: Kellie O'Donnell-Bobadilla, 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, copiers, and a fax machine.

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 view our website [www.easternct.edu/library](http://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, and census materials relating to the state. As a depository for Connecticut State documents, the center receives official state publications. The center also holds the Windham and Willimantic Archives, a folklore collection, and other manuscripts.

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

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

## MEDIA SERVICES

Nicholas Messina, *Director*

Eastern's Media Services is located in Communication Building, Room 125. Media Services provides a wide variety of audio and video support services for Eastern's administrative, academic and public service programs and is the home of Channel 195, Eastern's own cable TV station. Media Services also supports the Communication Department's TV studio and editing facility, as well as the campus' multimedia classrooms. Additional information is available at [www.easternct.edu/mediaservices](http://www.easternct.edu/mediaservices).

## THE INSTITUTE FOR SUSTAINABLE ENERGY

Lynn Stoddard, *Director*

The Institute for Sustainable Energy at Eastern Connecticut State University was established in 2001 to help promote a sustainable energy future for Connecticut. The Institute advances the adoption of practical, cost-effective solutions and strategies that increase energy efficiency, sustainability, and resilience statewide. The staff is spearheading the development of "Sustainable CT," a sustainability roadmap and certification program for Connecticut towns. In addition, the Institute helps coordinate and implement Eastern's sustainability initiatives and chairs the Green Campus Committee. Located at 372 High Street on Eastern's campus, the Institute offers paid student internships, providing valuable professional work experience. For more information see [www.easternct.edu/sustainenergy](http://www.easternct.edu/sustainenergy).

# LIBERAL ARTS CORE CURRICULUM (LAC)

(For Students Matriculating in Fall 2007 and Later)

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

## PHILOSOPHY OF THE LIBERAL ARTS CORE CURRICULUM

### Guiding Principles

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

- Engagement
- Integration
- Independence

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

Eastern's curricular and co-curricular programs emphasize integration. The University's liberal arts core curriculum and major and co-curricular programs help students understand the relationships between diverse fields of study and the impact that people, ideas and events have in all parts of their lives. They make connections among courses and between campus and community life. The academic, social and personal realms of students' lives are integrated so that students see their studies as an important part of who they are and who they will become. Eastern students develop independence. Active and collaborative learning produce graduates who are self-initiated learners and reflective, independent thinkers. These abilities enable Eastern graduates to take active roles in their personal lives, their workplaces and their communities.

### The Five Liberal Arts Learning Outcomes

**Critical Thinking:** 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:** 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.

**Communication:** 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:** 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.

**Quantitative Literacy:** 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.

### Core Abilities

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

Our goal is to enable students to:

- 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 an historical context, and
- foster curiosity and a passion for learning.

### Liberal Arts Core Curriculum

The Liberal Arts Core Curriculum consists of three Tiers: Tier I Methods and Concepts; Tier II Synthesis and Application; and Tier III Independent Inquiry. Tier I and Tier II consist of multiple categories which contribute to a culminating liberal arts experience in Tier III.

<b>Tier I Methods and Concepts</b>	<b>26/27 Credits</b>
*First-Year Introduction	3
*College Writing	3
Arts and Humanities: Arts in Context	3
Arts and Humanities: Literature and Thought	3

*Health and Wellness	2
Historical Perspectives	3
*Mathematics	3
Natural Sciences	3 – 4
Social Sciences	3
<b>Tier II Synthesis and Application</b>	<b>15/16 Credits</b>
Applied Information Technology	3
Arts and Humanities:	3
Creative Expression	
Cultural Perspectives	3
Individuals and Societies	3
Natural Sciences	3 – 4
<b>Tier III Independent Inquiry</b>	<b>3 Credits</b>
<b>Total Liberal Arts Core</b>	<b>46 Credits Curriculum Credits</b>

\* Must be completed within first 30 credits

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

## TIER I METHODS AND CONCEPTS      26/27 CREDITS

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

To assist first-year students in becoming engaged in the intellectual life of the university, they will enroll in one of many discussion-oriented First Year Introductions that explore a broad, contemporary theme developed from the expertise and interests of the instructor. Each FYI 100 consists of a small group of students who will become active learners working closely with a faculty mentor, a student peer mentor and each other to develop the skills of good scholarship – critical reading, logical thinking, and effective communication – that are the keys to a successful academic career and a productive life beyond the university.

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

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

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

**TIER II SYNTHESIS AND APPLICATION**

**15/16 CREDITS**

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

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

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

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



## TIER III INDEPENDENT INQUIRY      3 CREDITS

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

As the culminating, integrative liberal arts experience, Tier III represents a critical component of the Eastern Liberal Arts Core Curriculum. Tier III affords students the opportunity to reflect on and apply knowledge and skills acquired in the first two tiers and in their major. Departments may recommend specific options for their majors to complete Tier III or allow students to choose from a variety of options within or outside the major.

Upon completion of the Tier III requirement, students will be able to:

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

### ADDITIONAL GUIDELINES

#### **Policy on Completing Liberal Arts Core Curriculum Courses**

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

#### **LAC Course Used in Major or Minor**

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

#### **Transfer Students**

- Students who transfer to Eastern with 60 or more credits will be exempt from completing the Tier I of the LAC, including Natural Science with a lab, provided that they transfer a minimum of 27 credits in liberal arts disciplines – humanities, social sciences and natural sciences. College Writing and Mathematics are not exempt as they are university graduation requirements.

- All students, regardless of the courses transferred to Eastern, must complete at least two LAC Tier II courses and a Tier III Liberal Arts Independent Inquiry course.

## UNIVERSITY WRITING PROGRAM

Rita Malenczyk, *Director*

Stephen Ferruci, *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, indicated as “[Major] Intermed. Writing Competency” on the degree evaluation)

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, indicated as “[Major] Writing-Intensive” on the degree evaluation)

- 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

*Patricia Szczys, Director*

The University Honors Program provides an alternative course of study for some of Eastern's most talented 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. Each of the courses in the Honors curriculum satisfies a Liberal Arts Core Curriculum requirement, and completion of an acceptable Honors Thesis satisfies all University Writing Requirements. The Honors Colloquia 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 of all Honors graduates.

Honors Scholars follow an enhanced academic program that is designed to sharpen their reading, writing, and critical thinking skills, while also preparing them to conduct original research 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 freshman cohort take FYI 100 together and also participate in a seminar (HON 150) sophomores and juniors take three honors colloquia that are interdisciplinary and often team-taught seminars. 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. This curriculum is intended to provide students with the academic and leadership skills they will need to excel in graduate school or their career 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 University Honors Council. They are also expected to complete at least one Honors course per year, graduate with at least a 3.5 grade point average, prepare a thesis prospectus before they enter the senior year and receive the ongoing recommendations of their Honors professors. Academic decisions for the program are made by the Honors Council.

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

## FIRST-YEAR EXPERIENCE

David Pellegrini, *Director*

Walter Diaz, *Vice President, Student Affairs*

Candace DeAngelis, *Associate Director - Student Activities and New Student Orientation*

The primary goal of the First-Year Experience (FYE) is to assist every first-time, full-time student in achieving a successful transition from high school to college-level academics and to promote academic success. In addition to the required academic component of the program (FYI 100/ First-Year Introduction), students are encouraged to participate in FYE events and programs and to use the resources available on campus to enhance their experience and aid in their transition to college life.

## ACADEMIC COMPONENT (FYI 100)

FYI 100/First-Year Introduction is designed to give first-time, full-time students a rich and comprehensive introduction to academics and campus life. In the fall semester of their first year at Eastern, students will take FYI 100. In this three-credit required introductory course, students will gain the necessary skills of good scholarship and work closely and interactively in a small class with a faculty member, a peer mentor and fellow classmates. Students will also be acquainted with resources and services available on campus, as well as clubs, activities and other programs vital to the Eastern experience.

## FYE RESOURCES, PROGRAMS AND SERVICES

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

For additional information about the FYE, please visit [www.easternct.edu/first-year-experience/index.html](http://www.easternct.edu/first-year-experience/index.html).

## COOPERATIVE PROGRAMS

### INFORMATION MANAGEMENT AND SERVICES (B.S.)

#### Degree Requirements:

Successful completion of this B.S. degree program prepares graduates to work in supportive positions (library associate or associate specialist level) in libraries and information service agencies.

For more information visit: [www.southernct.edu/ils/programs/undergraduate](http://www.southernct.edu/ils/programs/undergraduate).

## RESERVE OFFICER TRAINING CORPS (ROTC)

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

### Air Force Reserve Officer Training Corps (ROTC)

The Air Force ROTC program is available to Eastern Connecticut State University students at the University of Connecticut's main campus 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 freshman and sophomore courses carry no military obligation and are open to all students.

Scholarships are also available for qualified students. These scholarships pay up to full tuition and fees, 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](http://www.airforce.uconn.edu).

# Academic Majors

## ACCOUNTING

Accounting and BIS Department

Department Chair: Alex Citurs

Assistant Chair: Moh'd Rujoub

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates

### 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 200*	Principles of Macroeconomics	3
ECO 201**	Principles of Microeconomics	3

ECO 215	Statistics for Business and Economics	3
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**Common Business Core Requirements**

ACC 201	Principles of Accounting I	3
BUS 201	Principles of Management	3
BUS 225	Principles of Marketing	3
BUS 245	Business Finance	3
BUS 250	Business Law I	3
BUS 260	Operations Management	3
BUS 300	Business Law II	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 and Business Solutions	3

\*approved reuse to meet Liberal Arts Core Tier I Social Sciences

\*\*approved reuse to meet Liberal Arts Core Tier II Individuals and Societies

^meets Stage 2 University Writing Requirement (must complete two courses)

^^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 XXX	Mathematics Above Algebra II	3
T1FY	First-Year Introduction	3
T1HW	LAC Tier I Health and Wellness	2
	Other LAC Tier I Requirements	19

**Total for Year**

**30 credits**

**Second Year**

ECO 200	Principles of Microeconomics	3
ECO 201	Principles of Macroeconomics	3
ECO 215	Statistics for Business and Economics	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
	LAC Requirements	6
	<b>Total for Year</b>	<b>30 credits</b>
<b>Third Year</b>		
ACC 302	Intermediate Accounting II	3
ACC 303	Intermediate Accounting III	3
ACC 310	Cost Accounting Systems	3
ACC 311	Advanced Managerial Accounting	3
BUS 245	Business Finance	3
BUS 260	Operations Management	3
BUS 300	Business Law II	3
ACC 416	Federal Individual Taxation	3
	LAC Requirements or Electives	6
	<b>Total for Year</b>	<b>30 credits</b>
<b>Fourth Year</b>		
ACC 410	Advanced Financial Accounting	3
ACC 411	Contemporary Issues in Accounting	3
ACC 412	Auditing	3
ACC 420	Accounting Information Technology and Business Solutions	3
	Electives#	18
	<b>Total for Year</b>	<b>30 credits</b>

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

# ANTHROPOLOGY

Sociology, Anthropology, Criminology, and Social Work Department  
Department Chair: Cara Bergstrom-Lynch

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates

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
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ANT 106	Cultural Anthropology	3
ANT 107	Biological Anthropology	3
ANT 125*	Introduction to Archaeology	3
ANT 301	Anthropological Theory	3
ANT 390^	Anthropological Research	3
ANT 400^^	Anthropology 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
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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 complimentary minor course of study from the following:**

Art History

Biology

Environmental Earth Science

Geographic Information Systems

Geography

History

Latin American and Caribbean Studies

Modern Languages

Public Health

Women's Studies

\*approved reuse to meet Liberal Arts Core Tier I Social Sciences  
\*\*approved reuse to meet Liberal Arts Core Tier II Cultural Perspectives  
^meets Stage 2 University Writing Requirement  
^^meets Stage 3 University Writing Requirement

# ART & ART HISTORY

Art and Art History Department  
Department Chair: Terry Lennox  
Assistant Chair: Anne Dawson

Requirements accurate as of November 1, 2020  
See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates

## Objectives

The mission of the Department of Arts and Art History is to provide instruction and inspiration to a diverse group of students. Art History, Digital and New Media, and the 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 & Design, Illustration, and Studio Art. Programs graduates pursue advanced degrees or other courses of study, and/or become professional artists, graphic designers in print or new media, painters, printmakers, sculptors, or professionals in art galleries and museums.

The Bachelor of Arts Degree in New Media Studies with a concentration in Digital Media Design offers students an innovative program of study that is structured in three tiers. New Media Studies majors in Digital Media Design will be prepared for careers in such fields as digital motion graphics, game and app design, social media applications for advertising and marketing, digital projections and special effects for live performance and concerts and intermedial theatre, audio/video production, 2-D and 3-D animation, and as creative mixed-media artists working primarily with digital technologies. For course listings see the New Media Studies pages.

## 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 and 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 at the Art and Art History Department office. After portfolios are submitted and program admission approved, students can enroll in upper-level design, illustration, or studio course, most of which require portfolio acceptance.

## Major Requirements

The B.A. in Art consists of 47-50 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.

### University Writing Requirements for the Art & Art History Department

All students must take one Stage 2 and one Stage 3 writing course in the major. Prerequisites must be met. Students are strongly encouraged to complete all writing requirements by the end of their junior year. Not doing so may hinder your ability to get the courses you need to graduate on time. The course options are:

#### Stage 2

ART 233	Graphic Design History
ART 345	Museums and Exhibitions

#### Stage 3

ART 340	Art History Topics
ART 402	Issues in Contemporary Art

Please note that these courses may not be built into the Foundation/Concentration requirements and may need to be taken in addition to those listed below.

## ART HISTORY CONCENTRATION

### Required Foundation Courses

Choose one:

ART 111*	Three-Dimensional Design	3
ART 207	Ceramic Sculpture	3
ART 217	Ceramics	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

ART 340^^	Art History Topics	4
ART 345^	Museums and Exhibitions	3
ART 402^^	Issues in Contemporary Art	4

### Concentration Electives

Choose 5 courses with at least one from each of the following areas: Art Before 1600, Art After 1600, and Cultural and Social Perspectives.

#### *Art Before 1600*

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

#### *Art After 1600*

ART 233^	Graphic Design History	4
ART 250	Photography and New Media as History	3

ART 360	American Art	3
<b><i>Cultural and Social Perspectives</i></b>		
ART 224	Latin American Art Topics	3
ART 316	Art and Travel	3
ART 355	Women and the Visual Arts	3
ART 369	African-American Art	3
ART 371	Islamic Art	3
<b><i>Other Electives</i></b>		
ART 480	Independent Study (when topically appropriate)	3
ART 490	Internship (when topically appropriate)	1-6

### **Major Capstone Course**

ART 486	Senior Project in Art History	4
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## **DIGITAL ART AND DESIGN CONCENTRATION**

### **Required Foundation Courses**

ART 110*	Two-Dimensional Design Elements	3
Choose one:		
ART 111*	Three-Dimensional Design	3
ART 207	Ceramic Sculpture	3
ART 217	Ceramics	3
ART 122	Digital Illustration and Page Layout	3
ART 124***	Digital Imaging and Online Media	3
ART 201	Relief Printmaking I	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

### **Portfolio Requirement**

After completing several of the foundation courses, 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 or in the Art & Art History Department office. After portfolios are submitted and program admission approved, students are eligible to enroll in upper-level art courses.

### **Required Design Courses**

ART 203	Graphic Design I	3
ART 329	Graphic Design II	3
ART 335	Graphic Design III	3

### **Concentration Electives**

ART 213	Creating Information Graphics	3
ART 310	Web Design I	3
ART 325	2D Animation	3

ART 326	User Interface and Interaction Design	3
ART 327	Magazine Design	3
ART 330	Package Design	3
ART 332	Phot Imaging: Art and the Digital Camera	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 470	Advanced Topics in Art (when topically appropriate)	3
ART 480	Independent Study	3
ART 490	Internship	3

### **Major Capstone Course**

Choose one:

ART 432	Eastern Design Group	3
ART 436	Graphic Design IV	3

## **ILLUSTRATION CONCENTRATION**

### **Required Foundation Courses**

ART 110*	Two-Dimensional Design	3
Choose one:		
ART 111*	Three-Dimensional Design	3
ART 207	Ceramic Sculpture	3
ART 217	Ceramics	3
ART 122	Digital Illustration and Page Layout	3
ART 124***	Digital Imaging & Online Media	3
ART 201	Relief Printmaking I	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

### **Portfolio Requirement**

After completing several of the foundation courses, 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 or in the Art & Art History Department office. After portfolios are submitted and program admission approved, students are eligible to enroll in upper-level art courses.

### **Required Illustration Courses**

ART 309	Figure Drawing I	3
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ART 322	Illustration I	3
ART 342	Illustration II	3
ART 422	Illustration III	3

### **Concentration Electives**

Choose three:

ART 215	Painting I	3
ART 230	Visual Journaling and Bookmaking	3
ART 308	Painting II	3
ART 315	Figure Modeling	3
ART 317	Polyester Plate Lithography	3
ART 331	Picture Book Illustration	3
ART 332	Photo Imaging: Art and the Digital Camera	3
ART 343	Introduction to 3D Animation	3
ART 346	Scientific Illustration	3
ART 352	Intermediate Drawing	3
ART 403	Advanced 3D Animation	3
ART 421	Digital Portfolio Preparation	3
ART 470	Advanced Topics in Art (when topically appropriate)	3

### **Major Capstone Course**

ART 485	Senior Seminar in Studio Art	3
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## **STUDIO ART CONCENTRATION**

### **Required Foundation Courses**

ART 110*	Two-Dimensional Design	3
Choose one:		
ART 111*	Three-Dimensional Design	3
ART 207	Ceramic Sculpture	3
ART 217	Ceramics	3
ART 112	Color Theory	3
ART 124***	Digital Imaging and Online Media	3
ART 201	Relief Printmaking	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
ART 206	Sculpture I	3
ART 215	Painting I	3
ART 306	Wood Sculpture	3
ART 318	Intaglio Printmaking I	3
ART 320	Water Based Screen Printing I	3
ART 352	Intermediate Drawing	3

### **Concentration Electives**

Choose four courses in one area:

#### ***Painting and Drawing***

ART 307	Portraiture	3
ART 308	Painting II	3
ART 309	Figure Drawing I	3
ART 314	Landscape Painting	3
ART 322	Illustration I	3
ART 470	Advanced Topics in Art (when topically appropriate)	3

#### ***Printmaking***

ART 230	Visual Journals & Bookmaking	3
ART 311	Relief Printmaking II	3
ART 317	Polyester plate Lithography	3
ART 328	Printing for Textiles	3
ART 420	Intaglio Printmaking II	3
ART 470	Advanced Topics in Art (when topically appropriate)	3

#### ***Sculpture***

ART 207	Ceramic Sculpture	3
ART 304	Sculpture II	3
ART 315	Figure Modeling	3
ART 324	Metal Construction	3
ART 353	Installation Art	3
ART 470	Advanced Topics in Art (when topically appropriate)	3

### **Major Capstone Course**

ART 485	Senior Seminar in Studio Art	3
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\*approved reuse to meet Liberal Arts Core Tier I Arts in Context

\*\*approved substitution to meet the Liberal Arts Core Tier I Historical Perspectives

\*\*\*approved substitution to meet Liberal Arts Core Tier II Applied Information Technology

\*\*\*\*approved reuse to meet Liberal Arts Core Tier II Creative Expression

^meets Stage 2 University Writing Requirement

^^meets Stage 3 University Writing Requirement

### **Recommended Course Sequence**

#### **First Year**

FYI 100	First Year Introduction	1
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 II	3
Two Art Foundation Courses		6
Digital Art and Illustration Concentrations must take ART 122		
Two LAC Tier I Courses		6



	<b>Total for Year</b>	<b>30 credits</b>
<b>Second Year</b>		
Art Foundation Courses and/or Concentration Courses		6
Writing Stage 2 – ART 233 or 345		4
Two LAC Tier I Courses		6
Three Concentration Courses		9
Two LAC Tier II Courses		6
	<b>Total for Year</b>	<b>31 credits</b>
<b>Third Year</b>		
Writing Stage 3 – ART 340 or ART 402		4
One LAC Tier II Course		3
Five Concentration Electives		15
Two Electives		6
	<b>Total for Year</b>	<b>28 credits</b>
<b>Fourth Year</b>		
Five Concentration Electives		15
Four Electives		12
Senior Capstone Course		3-4
	<b>Total for Year</b>	<b>30-31 credits</b>

# BIOCHEMISTRY

Physical Sciences Department

Chair: John Toedt

Assistant Chair: Darrell Koza

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates

## 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 science non-literate audiences
- Ability to think in an integrated and creative manner and to look at problems from different perspectives
- Awareness of the ethical issues in the biochemical sciences

## **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 220**	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

\*approved substitution to meet Liberal Arts Core Tier I Natural Science

\*\*approved reuse to meet Liberal Arts Core Tier II Natural Science

^^meets Stage 3 University Writing Requirement

### **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 130	Ecology with Lab	4
ENG 100	College Writing I (Tier I College Writing)	3
	Tier I Health and Wellness	2
MAT 130	Pre-Calculus Mathematics (Tier I Mathematics)	4
FYI 100	First-Year Introduction	3

**Total for Year**

**28 credits**

#### **Second Year**

CHE 216	Organic Chemistry with Lab	4
CHE 217	Organic Chemistry II with Lab	4
BIO 220	Cell Structure and Function with Lab	4
BIO 230	Genetics with Lab	4
MAT 243	Calculus I with Technology	4

MAT 244	Calculus II with Technology	4
	Tier I Arts in Context	3
	Tier I Historical Perspectives	3
	<b>Total for Year</b>	<b>30 credits</b>
<b>Third Year</b>		
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
	Tier I Literature and Thought	3
	Tier I Social Science	3
PHY 204	General Physics I with Lab	4
PHY 205	Physics II with Lab	4
	<b>Total for Year</b>	<b>30 credits</b>
<b>Fourth Year</b>		
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
	Tier II Cultural Perspectives	3
	Tier II Creative Expressions	3
	Tier II Applied Information Technology	3
	Tier II Individuals and Society	3
	<b>Total for Year</b>	<b>33 credits</b>

# BIOLOGY

**Biology Department**

**Department Chair: Elizabeth Cowles**

**Assistant Chair: Matthew Graham**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates**

## 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 130, BIO 220 and BIO 230 are prerequisites to all upper-level biology major courses. 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 instruction of the course in question.

Biology majors and Biology minors meet the LAC Tier I/Tier II Natural Science requirements by taking the freshman and sophomore courses designated above, regardless of the passing grade received and/or whether they ultimately change majors.

## **Writing Requirements**

All biology majors must complete the department's Stage 2 and Stage 3 Writing requirements. BIO 120, 130, 220 and 230 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 220 and 230. 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 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 majoring in Biology are exempt from the University's LAC Tier I and Tier II Natural Science requirement.

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

## **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 130*	Ecology with Lab	4
BIO 220***	Cell Structure and Function with Lab	4
BIO 230***	Genetics with Lab	4

Both BIO 120 and BIO 130 must be successfully completed with a grade of C- or better prior to starting BIO 220 or BIO 230. Both BIO 220 and BIO 230 must be successfully complete with a grade of C- or better before starting on the required upper-level courses. Students attempting to repeat any of the four course 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 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

### ***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

### ***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

### **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
BIO 378	Biological Research and 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:		
EES 104	Dynamic Earth with Lab	4
EES 110/112	Introduction to Geology with Earth Science Lab	
Choose one:		
PHY 204	General Physics I with Lab	4
PHY 205	Physics II with Lab	

\*approved substitution to meet Liberal Arts Core Tier I Natural Science

\*\*approved reuse to meet Liberal Arts Core Tier I Mathematics

\*\*\*approved substitution to meet Liberal Arts Core Tier II Natural Science

\*\*\*\*approved reuse to meet Liberal Arts Core Tier II Applied Information Technology

^meets Stage 2 University Writing Requirement

^^meets Stage 3 University Writing Requirement

### **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 130	Ecology 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
FYI 100	First Year Introduction	3
ENG 100/P	College Writing/Plus	3-5
	LAC Tier I Health and Wellness	2



	LAC Tier I	3
MAT 155	Precalculus Mathematics	4
MAT 243	Calculus I with Technology	4
	<b>Total for Year</b>	<b>35-37 credits</b>
<b>Second Year</b>		
BIO 220	Cell Structure and Function with Lab	4
BIO 230	Genetics with Lab	4
CHE 216	Organic Chemistry I with Lab	4
MAT 216	Statistical Data Analysis	3
	Three LAC Tier I	9
	Electives/Minor	3-4
	<b>Total for Year</b>	<b>27-28 credits</b>
<b>Third Year</b>		
BIO 300/400	Three Upper-level BIO w/Lab	12
PHY 204 or 205	PHY I or II w/Lab	4
	Two LAC Tier II	6
	Electives/Minor	8-9
	<b>Total for Year</b>	<b>30-31 credits</b>
<b>Fourth Year</b>		
BIO 300/400	Three Upper-level BIO w/Lab	12
BIO 466	Senior Seminar	3
	Two LAC Tier II	6
	Electives/Minor	8-12
	<b>Total for Year</b>	<b>29 -33 credits</b>

### Recommended Course Sequence Biology Major (B.A)

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

BIO 120	Organismal Biology with Lab	4
BIO 130	Ecology 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
FYI 100	First Year Introduction	3
ENG 100/P	College Writing/Plus	3-5
	LAC Tier I Health and Wellness	2
	Two LAC Tier I	6
	<b>Total for Year</b>	<b>30-32 credits</b>

### Second Year

BIO 220	Cell Structure and Function with Lab	4
BIO 230	Genetics with Lab	4
CHE 216	Organic Chemistry I with Lab	4
Choose one:		
EES 104	Dynamic Earth with Lab	4
EES 110/112	Introduction to Geology with Earth Science Lab	

	Three LAC Tier I	9
	Electives/Minor	6
	<b>Total for Year</b>	<b>31 credits</b>
<b>Third Year</b>		
BIO 300/400	Three Upper-level BIO w/Lab	12
PHY 204 or 205	PHY I or II w/Lab	4
	Two LAC Tier II	6
	Electives/Minor	8-9
	<b>Total for Year</b>	<b>30-31 credits</b>
<b>Fourth Year</b>		
BIO 300/400	Three Upper-level BIO w/Lab	12
BIO 466	Senior Seminar	3
	Two LAC Tier II	6
	Electives/Minor	8-12
	<b>Total for Year</b>	<b>29-33 credits</b>

### 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/](http://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 and 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**

**Management and Marketing Department**

**Department Chair: Niti Pandey**

**Assistant Chair: Wayne Buck**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

## Objectives

The Bachelor of Science in Business Administration is awarded to students achieving proficiency in the University's Liberal Arts Core Curriculum requirements and the department's integrated and advanced course requirements. Students successfully completing the program will be well prepared to assume careers in today's competitive business environment, start their own business or attend graduate school.

Students majoring in business will be well grounded in the liberal arts, so they may develop their creative skills and have an understanding of the environment around them. In addition, students will acquire proficiency in basic skills such as computers, business information systems, economics, mathematics, and communications, as well as develop an international perspective. Through this unique business program, Eastern students will develop both a theoretical and pragmatic understanding of how businesses operate as successful competitive organizations. Through completion of appropriate advanced courses, majors can earn a concentration in one of the following fields: Finance, Healthcare Management, Human Resource Management, Management, Marketing, Operations Management, and International Business.

## Admission to the Program

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

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

All business majors are required to complete the competency exam and BUS 351 before being admitted to the capstone course Management Policy and Strategy (BUS 431). BUS 431 is open only to seniors.

## Degree Requirements

Requirements for the Business Administration major include completion of all University LAC requirements, as well as business requirements and electives. A minimum of 24 semester hours in the business major must be completed in residence at Eastern.

## Related Course Requirements

ECO 200	Principles of Macroeconomics	3
ECO 201*	Principles of Microeconomics	3
BUS 205**	Management of Business Information	3
Choose one:		
MAT 216	Statistical Data Analysis	3
ECO 215	Statistics for Business and Economics	3

## Related Business Requirements

ACC 201	Principles of Accounting I	3
ACC 202	Principles of Managerial Accounting	3
BUS 225^	Principles of Marketing	3
BUS 201^	Principles of Management	3
BUS 245	Business Finance	3
BUS 250	Business Law I	3
BUS 260	Operations Management	3

### **Commons Business Core Requirements**

BUS 351	Advanced Business Concepts and Entrepreneurship	3
BUS 301^^	Business Ethics	3
BUS 431	Management Policy and Strategy	3
BUS 490	Internship#	3-6

#students interested in graduate school can substitute an independent study in research for the internship requirement.  
Calculus is a prerequisite of the independent study in research.

### **International Perspectives**

This requirement can range from 0-6 credits and can be met in the following ways:

- An additional year of a foreign language (sophomore level) beyond the basic University requirement.
- Two international business courses. This is in addition to the 12 credits of business electives.
- An international minor (e.g. Canadian Studies, Latin American and Caribbean Studies, Spanish, French).
- One semester of study abroad.

### **Business Electives**

12 credits of any 300 and 400-level business courses.

Only one transferred course can be used to meet this requirement.

Students who take nine or more credits of their electives in one field earn a concentration in that field. Concentrations are available in Finance, Healthcare Management, Human Resource Management, Management, Marketing, Operations Management, and International Relations.

### **FINANCE CONCENTRATION**

Choose nine credits:

BUS 345	Advanced Topics in Business Finance	3
BUS 346	Investment Analysis	3
BUS 347	Financial Institutes and Markets	3
BUS 348	Personal Financial Management	3
BUS 349	Real Estate Finance	3
BUS 437	International Financial Management	3
BUS 438	Bank Management	3
BUS 445	Case Studies in Financial Management Using Electronic Spreadsheets	3
BUS 446	Financial Derivatives	3
BUS 462	Seminar in Finance	3

### **HEALTHCARE MANAGEMENT CONCENTRATION**

Choose nine credits:

BUS 350	Healthcare Management	3
BUS 380	Quality in Healthcare	3
BUS 381	Healthcare Law	3

## **HUMAN RESOURCE MANAGEMENT CONCENTRATION**

Choose nine credits:

BUS 310	Contemporary Issues in Employment Law	3
BUS 330	Labor Relations and Employment Laws	3
BUS 333	Human Resource Management	3
BUS 433	Strategic Talent Management	3
BUS 436	Global Human Resource Management	3

## **MANAGEMENT CONCENTRATION**

Choose nine credits:

BUS 330	Labor Relations and Employment Laws	3
BUS 331	Organizational Behavior	3
BUS 332	Management of Organizations	3
BUS 333	Human Resource Management	3
BUS 363	Introduction to Six Sigma Continuous Improvement	3
BUS 370	Business Perspectives, Canada/US	3
BUS 433	Strategic Talent Management	3
BUS 434	Organizational Improvement and Management Development	3
BUS 450	International Business	3
BUS 464	Seminar in Management	3
BUS 466	Seminar in Non-Profit Organizations	3

## **MARKETING CONCENTRATION**

BUS 428	Marketing Research	3
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Choose six credits:

BUS 321	Advertising	3
BUS 324	Marketing Management for the Hospitality Industry	3
BUS 325	Consumer Behavior	3
BUS 326	Sales Management	3
BUS 327	Business-to-Business (B2B) Marketing	3
BUS 329	International Marketing	3
BUS 429	Strategic Marketing	3
BUS 465	Seminar in Marketing	3

## **OPERATIONS MANAGEMENT CONCENTRATION**

Choose nine credits:

BUS 360	Supply Chain Management	3
BUS 361	Business Information Systems	3
BUS 362	Global Operations and Logistics	3
BUS 363	Introduction to Six Sigma Continuous Improvement	3
BUS 366	Lean Production Management	3
BUS 442	Information Technology Project Management	3
BUS 467	Seminar in Operations and Systems	3

## INTERNATIONAL RELATIONS CONCENTRATION

Choose nine credits:

BUS 307	Global Business: Evolution and Development	3
BUS 329	International Marketing	3
BUS 362	Global Operations and Logistics	3
BUS/CAS 370	Business Perspectives, Canada/US	3
BUS 437	International Financial Management	3
BUS 450	International Business	3
BUS 463	Seminar in International Business	3

\*approved reuse to meet Liberal Arts Core Tier II Individuals and Society

\*\*approved reuse to meet Liberal Arts Core Tier II Applied Information Technology

^meets Stage 2 University Writing Requirement

^^meets Stage 3 University Writing Requirement

### Recommended Course Sequence Business Administration Major

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

#### First Year

	Tier I Health and Wellness	2
ENG 100/P	College Writing/Plus	3-5
	Tier I Mathematics	3-5
FYI 100	First-Year Introduction	3
ECO 200	Principles of Macroeconomics	3
	Liberal Arts Core Courses	16
<b>Total for Year</b>		<b>30 credits</b>

#### Second Year

BUS 201	Principles of Management	3
ECO 201	Principles of Microeconomics	3
Choose 1		
MAT 216	Statistical Data Analysis	3
ECO 215	Statistics for Business and Economics	3
ACC 201	Principles of Accounting I	3
ACC 202	Principles of Accounting II	3
BUS 205	Management of Business Information	3
BUS 250	Business Law I	3
	Liberal Arts Core Courses	9
<b>Total for Year</b>		<b>30 credits</b>

#### Third Year

BUS 245	Business Finance	3
BUS 260	Operations Management	3
BUS 351	Advanced Business Concepts and Entrepreneurship	3
BUS 301	Business Ethics	3
	Business International Perspectives	6
	Business Elective	3

Liberal Arts Core Course	3
General Elective	3
<b>Total for Year</b>	<b>30 credits</b>

#### **Fourth Year**

BUS 431	Management Policy and Strategy	3
BUS 490	Business Internship	6
	Business Electives	6
	General Electives	15
	<b>Total for Year</b>	<b>30 credits</b>

#### **Honors**

Each year selected students are honored for distinguished academic achievement by membership in the Delta Omega chapter of Delta Mu Delta, the National Honor Society for Business Administration and in Alpha Mu Alpha, the National Marketing Honor Society sponsored by the American Marketing Association.

## **BUSINESS INFORMATION SYSTEMS**

**Accounting and BIS Department**

**Department Chair: Alex Citurs**

**Assistant Chair: Moh'd Rujoub**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

#### **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 life-long 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 the new technologies, business structures to take advantage of them, and a capstone seminar on information systems and business strategies.

#### **Admission to the Program**

Students may declare a major in BIS at any time and 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 are 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**

Choose one:		3
MAT 216	Statistical Data Analysis	
ECO 215	Statistics for Business and Economics	
ECO 201	Principles of Microeconomics	3
CSC 110	Introduction to Computing and Problem Solving	3

### **Business Component**

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

### **Systems Component**

Choose one:		3
CSC 249	Visual BASIC.NET	
CSC 251	Networking Fundamentals	
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 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 370	Systems Analysis and Design	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
BUS 467	Seminar in Operations and Systems	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	Tier I Mathematics	3-5
CSC 110	Introduction to Computing and Problem Solving	3
	Liberal Arts Core Courses	21
	<b>Total for Year</b>	<b>30 credits</b>

#### **Second Year**

ACC 201	Principles of Accounting I	3
BUS 201	Principles of Management	3
BUS 205	Management of Business Information	3
BUS 225	Principles of Marketing	3
ECO 201	Principles of Microeconomics	3
Choose 1		
MAT 216	Statistical Data Analysis	3
ECO 215	Statistics for Business and Economics	
	Liberal Arts Core Courses	10
	Electives	2
	<b>Total for Year</b>	<b>30 credits</b>

#### **Third Year**

BIS 361	Business Information Systems and Web Technologies	3
BIS 370	Systems Analysis and Design	3
BIS 375	Electronic Commerce	3
BUS 245	Business Finance	3
BUS 260	Operations Management	3
CSC 249	Visual BASIC	3
BIS 373	Business Database Management	3
	Electives	9
	<b>Total for Year</b>	<b>30 credits</b>

#### **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
	<b>Total for Year</b>	<b>30 credits</b>

# COMMUNICATION

Communication Department

Department Chair: Andrew Utterback

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

## Objectives

Our major, as a whole, is designed, through the various course modalities, to raise and seek answers to the fundamental questions of human nature, social organization, and cultural forces, all with reference to the ethical dimension. This backdrop sets the tone for our students wishing to pursue careers in the broad category of “communication,” a category that has expanded into virtually all fields. We strive for our students to acquire sufficient understanding of communication theory and research, to enter, and succeed in, high quality graduate programs in communication or have a sufficient understanding of the applied aspects of the communication field with technical competence to successfully hold an entry-level position in the communication industry. Although our courses do prepare for careers in mass media, public relations and advertising, organizational communications, media editing, journalism and communication law and ethics, the liberal arts approach permeates all, encouraging lifelong learning and supporting students as thinking, caring human beings and as critical problem solvers.

## Admission to the Program

Students majoring in Communication are encouraged to register their intent with the department no later than the beginning of the sophomore year in order to develop an academically strong program. Students must have a cumulative GPA of 2.0 in all previous college work to become a communication major. Students are expected to be thoroughly prepared in the liberal arts and sciences, as well as meet the specific requirements of the degree.

## Retention in the Program

A Communication major whose cumulative GPA in Communication courses falls below 2.5 for two consecutive semesters will be dropped from the major.

## Degree Requirements

The degree in Communication consists of two elements: (1) 21-24 credits in the Communication core curriculum, (2) A concentration in a subdiscipline of Communication from the six Concentrations (15 credits).

### Core Curriculum

COM 100*	Introduction to Mass Communication	3
COM 101	Interpersonal Communication	3
COM 300^	Communication Law and Ethics	3
COM 350^^	Communication Writing	3
COM 400	Communication Research	3

COM 403	Mass Communication Theory	3
COM 490	Internship	3-6

### **Concentration Requirements**

#### **ADVERTISING CONCENTRATION**

Students will demonstrate a professional level competency in an understanding of the dynamics of the advertising mechanisms underlying the processes of advertising planning and execution, creative strategy development, and media effects.

COM 270	Advertising Essentials	3
COM 373	Advertising Copywriting	3
COM 476	Advertising Media Planning	3
COM 478	Integrated Marketing Communications	3
Choose one:		
COM 255	Health Communication	3
COM 301	Persuasion	3
COM 361	Publication Design	3
COM 372	International Advertising and Public Relations	3
COM 375	Digital Media Branding & Politics	3

#### **APPLIED MEDIA PRODUCTION CONCENTRATION**

Students will demonstrate professional level technical competencies in audio production and video production for industrial, commercial, and non-commercial media distribution platforms.

Coursework includes practical, applied instruction for traditional and developing media formats (radio, television, cable, satellite, mobile, and internet).

COM 120	Television Production I	3
COM 220**	TV II: Video Field Production	3
COM 241	Intro to Radio, New Electronic Media and Audio Production	3
COM 245	Digital/Analog Audio Production: Radio/Internet	3
Choose one:		
COM 215	Media Aesthetics	3
COM 320	Television Production III	3
COM 380	Dramatic Video Single – Camera Video Production	4
COM 420	Workshop in Television	3
COM 425	Advanced Television Workshop: News	3
COM 430	Non-Linear Editing	3
COM 435	Documentary Production	3

#### **LEADERSHIP COMMUNICATION CONCENTRATION**

Students will demonstrate a professional level competency in verbal, nonverbal, written, and digital communication common to many institutional settings, public speaking and presentation, conflict management, and persuasive communication.

COM 230	Public Speaking	3
COM 330	Organizational Communication	3

COM 401	Advanced Interpersonal Communication	3
Choose two:		
COM 201	Nonverbal Communication	3
COM 252	Social Media Strategies	3
COM 255	Health Communication	3
COM 301	Persuasion	3
COM 312	Professional Presentations	3
COM 331	Conflict Communication	3

### **MEDIA WRITING & JOURNALISM CONCENTRATION**

Students will demonstrate a professional level competency in an understanding of story structure and real-world requirements of getting their work published in print, film, radio or the electronic media. Students will also understand the techniques for, and methods of, repurposing their writing to move across several media.

COM 351	Journalism Principles	3
COM 352	Emergent Media Reporting	3
COM 357	Scriptwriting	3
Choose two:		
COM 210	Photography I	4
COM 310	Advanced Photography	4
COM 321	History of Communication	3
COM 358	Scriptwriting & Presentation	3
COM 361	Publication Design	3
COM 364	PR Writing Methods	3
COM 373	Advertising Copywriting	3
COM 450	Advanced Journalism	3

### **PUBLIC RELATIONS CONCENTRATION**

Students will demonstrate a professional level technical competency in translating organizational communication theory to practical situations including media use in organizations, writing press releases, public speaking, and crisis management.

COM 260	Introduction to Public Relations	3
COM 364	Public Relations Writing Methods	3
COM 464	Public Relations Crisis Management	3
COM 478	Integrated Marketing Communications	3
Choose one:		
COM 255	Health Communication	3
COM 301	Persuasion	3
COM 361	Publication Design	3
COM 372	International Advertising and Public Relations	3

### **COMMUNICATION GENERALIST CONCENTRATION**

Students can select any mix of five courses (15 credits) from the available electives to fulfill their concentration requirements.

\*approved reuse to meet Liberal Arts Core Tier I Social Science

\*\*approved substitution to meet Liberal Arts Core Tier II Applied Information Technology

^meets Stage 2 University Writing Requirement

^^meets Stage 3 University Writing Requirement

# COMPUTER SCIENCE

**Computer Science Department**

**Department Chair: Sarah Tasneem**

**Assistant Chair: Kehan Gao**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

## **Goals**

Computer science education at Eastern Connecticut State University emphasizes the fundamental principles of mathematics and the engineering sciences, and is broadened by substantial opportunities in the arts, social sciences, life 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 is increasingly viewed as an excellent preparation for careers in business, engineering, law and medicine. Through the selection of electives, students may create specialized interdisciplinary tracks with computer science as the core of their study.

The computer science program encourages experimentation by offering defining minors in the areas of management information science and mathematics. In addition, Eastern students can double major in Mathematics and Computer Science.

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.
- Apply fundamental principles and methods of computer science to a wide range of applications.
- Design, analyze, implement and compare solutions to computing problems.
- Recognize and respect the professional standards of ethics expected of computer professionals and appreciate the social impact of computing.

### **Degree Requirements**

A major must satisfy Categories I and II noted below. For 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.

#### **I. Required Courses**

Choose one:		3
MAT 230	Discrete Structures	
CSC 230	Discrete Mathematics for Computer Science	
MAT 243*	Calculus I with Technology	4
CSC 180	Fundamentals of Computing	3
CSC 210**	Computer Science and Programming I	3
CSC 231	Computer Science and Programming II	3
CSC 270	Data Structures	3
CSC 320	Computer Organization and Architecture	3
CSC 335	Algorithm Design and Analysis	3
CSC 341	Database and Information Management	3
CSC 401	Networking and Distributed Computing	3
CSC 440	Operating Systems	3
CSC 445	Software Engineering	3
CSC 450^^	Senior Research	3

#### **II. Electives**

Select a minimum of 12 credits from the following (at least 8 credits must be Computer Science):

MAT 244	Calculus II with Technology	4
MAT 340	Calculus III with Technology	4
MAT 350	Numerical Analysis	3
BIS 367	Human Computer Interaction and Design	3
CSC 300-400 level course (not in I, except Internships)		
including, but not limited to the following:		8-12
CSC 305	Data Mining and Applications	3

CSC 311	Computer Video Games Development	3
CSC 314	Introduction to Bioinformatics	3
CSC 315	Bioinformatics Programming and Analysis	3
CSC 325	Introduction to Theory of Computing	3
CSC 332	Introduction to Modeling and Simulation	3
CSC 338	LANs, MANs, and Internetworking	3
CSC 339	Network Management and Administration	3
CSC 340	Programming Languages and Translation	3
CSC 342	Advanced Database Systems	3
CSC 343	Big Data Programming and Management	3
CSC 347	Embedded Micro-Controllers	3
CSC 350	Numerical Analysis	3
CSC 351	Signals and Systems	3
CSC 352	Digital Signal Processing	3
CSC 355	Digital Logic	3
CSC 360	Topics in Computer Science	3
CSC 375	Artificial Intelligence	3
CSC 380	Mobile Computing and Programming	3
CSC 410	Client/Server Computing	3
CSC 420	Microprocessors	3
CSC 430	Computability and Automata	3
CSC 456	Advanced Software Development	3
CSC 475	Intelligent Systems	3
CSC 480	Independent Study	3

\*approved reuse to meet Liberal Arts Core Tier I Mathematics

\*\*approved substitution to meet Liberal Arts Core Tier II Applied Information Technology

^meets Stage 2 University Writing Requirement (must complete two courses)

^^meets Stage 3 University Writing Requirement

### Recommended Course Sequence

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

#### First Year

CSC 180	Fundamentals of Computing	3
CSC 210	Computer Science and Programming I	3
MAT 155	Precalculus Mathematics (Tier I Mathematics)	4
ENG 100	College Writing (Tier I College Writing)	3
FYI 100	First-Year Introduction	3
	Tier I Health and Wellness	2
	Other LAC Tier I Requirements	12-13
<b>Total for Year</b>		<b>30-31 credits</b>

#### Second Year

CSC 231	Computer Science and Programming II	3
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Choose one:



CSC 230	Discrete Mathematics for Computer Science	3
MAT 230	Discrete Structures	3
MAT 243	Calculus I with Technology	3
CSC 270	Data Structures	3
	LAC Tier I & II Requirements	12-16
	General Electives	3-6
	<b>Total for Year</b>	<b>30-34 credits</b>
<b>Third Year</b>		
CSC 320	Computer Organization and Architecture	3
CSC 335	Algorithm Design and Analysis	3
CSC 341	Database and Information Management	3
CSC 3/400	Computer Science Electives	6
	LAC Tier II Requirements	3-6
	General Electives	9-12
	<b>Total for Year</b>	<b>30-36 credits</b>
<b>Fourth Year</b>		
CSC 401	Networking and Distributed Computing	3
CSC 440	Operating Systems	3
CSC 445	Software Engineering	3
CSC 450	Senior Research	3
CSC 3/400	Computer Science Electives	6
	General Electives	12
	<b>Total for Year</b>	<b>30 credits</b>

### Cooperative Education

The Department participates in the Eastern Cooperative Education Program (please see catalog description). Participating students have worked in full-time paid positions in companies such as Computer Science Corp., Aetna U.S. Healthcare, Travelers, IBM and UTC. Participants gain experience in a work environment, apply their academic skills, earn a significant salary, and, upon graduation, enter the workforce beyond an “entry-level” position.

### Facilities

The Department’s computing facilities are structured to support state-of-the-art undergraduate education in computer science. The program emphasizes the hands-on experience in its curriculum and most of the computer science courses are taught in one of 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 Visual Studio (including .NET Framework), Microsoft SQL server, MATLAB, Eclipse IDE, Oracle SQL Developer, Oracle Java EE, 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, and to represent Eastern on Computer Science issues and to present undergraduate papers at computer sciences conferences.

# **CRIMINOLOGY**

**Sociology, Anthropology, Criminology, and Social Work Department**

**Department Chair: Cara Bergstrom-Lynch Criminology**

**Program Coordinator: Theresa Severance**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

### **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 so as 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

### **Criminological Foundations**

Choose 9 credits:

SOC 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 310	Women and Crime	3
SOC 311	Drugs and Society	3
SOC 315	Crime and Media	3
CRM 317	Race, Gender, and the Criminal Justice System	3
SOC 318	Violence in Relationships	3
SOC 325	Law and Society	3
ANT 358	Anthropology of Violence	3
CRM 340	Current Controversies in Criminology	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 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
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

### **Experiential Learning**

Choose one:

CRM 475	Criminology Internship: Group Supervision	3
CRM 490	Criminology Internship: Individual Supervision	3

\*approved reuse to meet Liberal Arts Core Tier I Social Sciences  
 \*\*approved reuse to meet Liberal Arts Core Tier II Individuals and Societies  
 ^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

	Tier I Mathematics	3
ENG 100	College Writing (Tier I College Writing)	3
FYI 100	First-Year Introduction	3
	Tier I Health and Wellness	2
SOC 100	Introduction to Sociology	3
	Other LAC Tier I Requirements	16
	<b>Total for Year</b>	<b>30 credits</b>

#### Second Year

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

#### 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
	LAC Requirements	9
	Criminology Major Requirements	9
	<b>Total for Year</b>	<b>30 credits</b>

#### Fourth Year

CRM 410	Criminological Theory	3
CRM 450	Senior Seminar	3
CRM 475/490	Internship	3
	Major Requirements/Electives	21
	<b>Total for Year</b>	<b>30 credits</b>

## Data Science

Mathematical Sciences Department  
 Department Chair: Marsha Davis

Requirements accurate as of November 1, 2020  
 See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

## 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. After completing the core data science courses, students will have completed their Tier I Mathematics, Tier II Information Technology, and Tier III requirements.

## Required Common Core Courses

### *Level L1 Data Science Foundation*

Choose one:

4

MAT 243\*     Calculus I with Technology

MAT 195\*     Calculus I for Business 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
BUS 205	Information Management	3
BUS/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:		3
CSC 341	Database and Information Management	
BIS 373	Business Database Management	

***Level L3 Data Mining/Analytics***

Choose one:		3
MAT 343	Explorations in Data Analytics	
CSC 305	Data Mining and Applications	
BIS 447	Business Intelligence and Data Solutions	

***Level L4 Stage 2 Writing***

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

Choose one:		3-4
BIS 377^^	Organizational Website & Database Management	
CSC 450^^	Senior Research	
LAP 430^^	Liberal Arts Capstone Colloquium	

### **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
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 with Laboratory	4

### **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

###For this concentration, or for students double majoring in Computer Science, CSC 210 can substitute for CSC 202 in the Core.

### **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 346	Investment Analysis	3
BUS 360	Supply Chain Management	3
BUS 363	Introduction to Six Sigma	3
BUS 380	Quality in Healthcare	3
BUS 428	Marketing Research	3
BUS 433	Strategic Talent Management	3
ECO 305	Introduction to Econometrics	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 Sensing	3
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 Applications	3
CSC 314	Introduction to Bioinformatics	3
MAT 315	Applied Probability and Statistics	4

\*approved reuse to meet Liberal Arts Core Tier I Mathematics

\*\*approved reuse to meet Liberal Arts Core Tier II Applied Information Technology

^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	LAC Tier I Mathematics	4-8
Tier I LAC Requirements		12-15
CSC 202	Introduction to Machine Intelligence	3
BUS 205	Information Management	3

**Total for Year**

**30 credits**

#### Second Year

Tier II LAC Requirement		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	1
BIS 373	Business Database Management	3

**Total for Year**

**30 credits**

### **Third Year**

BUS/BIS 305	Business Analytics	3
CSC 341 or BIS 373	Database Information Management or Business Database Management	3
MAT 343 or CSC 305 or BIS 447	Explorations in Data Analytics or Data Mining and Applications Business Intelligence	3
One or Two Data Science Major Electives		3-6
LAC Tier II Requirements		6
Minor		0-6
<b>Total for Year</b>		<b>30 credits</b>

### **Fourth Year**

BIS 449	Data Visualization	3
LAC Tier III/Writing Stage 3		3
One – Three Data Science Major Electives		3-9
Minor		0-6
Electives		12-15
<b>Total for Year</b>		<b>30 credits</b>

## **EARLY CHILDHOOD EDUCATION**

**Education Department**

**Department Chair: Sudha Swaminathan**

**Assistant Chair: Mark Fabrizi**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu/education/](http://www.easternct.edu/education/) for updates.**

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/](http://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 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 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](http://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 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.

Graduate students in the Early Childhood Program complete their practicum in ECE 566 and their primary grade student teaching in ECE 565. The former may be taken as a four- week block during student teaching, or as a full-semester option (two full days per week). 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 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 major outside of Education. Early Childhood Education teacher candidates may major in any 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 PCS)	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 or HIS 121 or HIS 310)	3 credits
HPE 201 or HPE 210	3 credits
Human Growth and Development Coursework (may include selected courses in psychology or Early Childhood Education major)	12 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 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 which 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 associates 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 330	Math 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 455	Science 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**

### **Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

The goal of the Economics program at Eastern is to graduate students who understand the impact of economic issues on business, society and government affairs. The program emphasizes the study of economics from a cross-disciplinary perspective and the development of analytical, communication and quantitative skills. Cross-disciplinary training makes Eastern economics graduates distinctive- they have the skills and knowledge to use economic analysis effectively in the environments they are likely to work in after graduation. Recent 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 student who plan to pursue graduate studies in law, public policy or economics.

Economics majors are expected to organize their courses in one of the two applied areas – Business Economics and general economics. In each area they take a combination of courses in Economics and other disciplines. They also undertake learning experiences outside the classroom that will prepare them to complete a major project as part of the Senior Seminar and to make immediate contributions in their post-graduation employment.

## **Degree Requirements**

The Economics major requires 39 credits. Requirements vary, depending on the chosen concentration.

### **BUSINESS ECONOMICS**

This program serves the interests of those students who seek immediate career opportunities in business. By combining course work from economics and business/accounting with an internship of co-op in a business in the U.S. or overseas, Business Economics students are prepared to enter jobs in finance, marketing or general administration.

#### **Required Economics Courses**

ECO 200*	Principles of Macroeconomics	3
ECO 201	Principles of Microeconomics	3
ECO 215**	Statistics for Business and Economics	3
ECO 301	Intermediate Microeconomic Analysis	3
ECO 302^	Intermediate Macroeconomic Analysis	3
Choose one:		3
ECO 322^	Environmental Economics	
ECO 333	Health Economics	
ECO 345	Industrial Organization and Development	
ECO 300	Quantitative Methods for Economics	3
ECO 479	Senior Economics Seminar	3
ECO 490	Internship in Economics	1-6

#### **Concentration Elective:**

Choose one:

ECO 305^	Introduction to Econometrics	3
ECO 325^	Money and Banking	3
ECO 330^	Labor Economics	3
ECO 331	Economics of Sports	3
ECO 340	Business Cycles and Forecasting	3
ECO 343	Media Economics	3
ECO 350	International Economics	3

#### **Business/Accounting Courses**

An additional nine credits (three courses) from accounting, business, finance and/or business information systems, excluding internships and independent studies.

### **GENERAL ECONOMICS**

This program provides a balance of Economics courses with an emphasis on international economics and issues. With appropriate faculty advising, students are well prepared to pursue graduate studies in economic, business and law or immediate career opportunities with business and government agencies.

#### **Required Courses**

ECO 200*	Principles of Macroeconomics	3
ECO 201	Principles of Microeconomics	3
ECO 215**	Statistics for Business and Economics	3

ECO 301	Intermediate Microeconomic Analysis	3
ECO 302^	Intermediate Macroeconomic Analysis	3
ECO 479^^	Senior Economics Seminar	3
ECO 490	Internship in Economics	1-6

### **Concentration Electives**

Choose 15 credits, (5 courses) from the following:

ECO 305^	Introduction to Econometrics	3
ECO 310^	Contemporary Economic Problems and Issues	3
ECO 312	Economics of Gender	3
ECO 320	Inequality and Economic Development	3
ECO 322^	Environmental Economics	3
ECO 325^	Money and Banking	3
ECO 330^	Labor Economics	3
ECO 331	Economics of Sports	3
ECO 333	Health Economics	3
ECO 335	Urban and Regional Economics	3
ECO 340	Business Cycles and Forecasting	3
ECO 343	Media Economics	3
ECO 345	Industrial Organization and Development	3
ECO 350	International Economics	3
ECO 353	International Monetary Economics	3
ECO 355	International Political Economy	3
ECO 360	Comparative Economic Systems	3
ECO 363	Behavioral & Experimental Economics	3
ECO 370	History of Economic Thought	3
ECO 377	Public Finance	3
ECO 465	Special Topics in Economics	3

#Note: Students interested in graduate school are strongly recommended to take ECO 305, Introduction to Econometrics, and may substitute two of the following MAT-designated courses for two ECO-designated courses:

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

\*approved reuse to meet Liberal Arts Core Tier I Social Sciences

\*\*approved reuse to meet Liberal Arts Core Tier II Applied Information Technology

^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
	Tier I Mathematics	3

	LAC Requirements	15-18	
ECO 200	Principles of Macroeconomics		3
ECO 201	Principles of Microeconomics		3
	General Electives	3-6	
<b>Total for Year</b>			<b>30 credits</b>
<b>Second Year</b>			
	LAC Requirements	9-12	
	Foreign Language	0-6	
ECO 215	Statistics for Business and Economics		3
ECO 302	Intermediate Macroeconomic Analysis		3
ECO 3**	Economics Electives	3	
	Minor Requirements	0-3	
	General Electives	3-9	
	<b>Total for Year</b>		<b>30 credits</b>
<b>Third Year</b>			
	LAC Requirements	4-7	
ECO 300	Quantitative Methods for Economics	3	
ECO 301	Intermediate Microeconomic Analysis		3
ECO 3**/4**	Economics Electives	3-6	
	ACC/BUS/BIS/FIN Elective	0-6	
	Minor Requirements	0-6	
	General Electives	5-14	
	<b>Total for Year</b>		<b>30 credits</b>
<b>Fourth Year</b>			
	LAC Requirements	3-6	
ECO 479	Senior Economics Seminar	3	
ECO 490	Internship in Economics	3-6	
ECO 3**/4**	Economics/Business Elective	0-6	
	ACC/BUS/BIS/FIN Elective	0-6	
	Minor Requirements	0-6	
	General Electives	12-18	
	<b>Total for Year</b>		<b>30 credits</b>

### 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: Sudha Swaminathan**

**Assistant Chair: Mark Fabrizi**

**Requirements accurate as of November 1, 2020**

**See academic program web pages [www.easternct.edu/education/elementary-education.htm](http://www.easternct.edu/education/elementary-education.htm) for updates.**

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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.
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- 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.
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- Candidates use classroom-wide and individual student data to understand learning and development and to inform and adjust instruction.
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- Candidates demonstrate reflective and interpersonal abilities to become an active member of a data team.
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### **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/](http://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 [easternct.tk20.com/campustoolshighered/start.do](http://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/](http://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 elementary school classrooms. 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 Development and Exceptionalities	3 credits
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EDU 210 or EDU 357	Foundations of U.S. Education International Cross-cultural Education	3 credits
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Other Professional Courses: to be completed before or during program:

PSY 206 or PSY 208	Psychology of Childhood Psychology of Adolescence	3 credits
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EDU 222	Creative Expressions for Children and Youth (T2CE)	3 credits
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Health	HPE 201 (1 credit) or HPE 210 (3 credits)	1-3 credits
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### **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
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EDU 304	Learning and Teaching in Elementary Classrooms	3 credits
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EDU 307	Inclusive Elementary Classrooms	3 credits
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EDU 316	Foundations of Literacy	3 credits
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**Core II** (taken as a block) (spring only) 11 credits

EDU 401	Clinical Experience - Core II	1 credit
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EDU 404	Educational Assessment	3 credits
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EDU 405	Second Language Acquisition and Strategies	1 credit
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EDU 412	Methods in Elementary Social Studies	3 credits
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EDU 417 Applications of Literacy and Language Arts 3 credits

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

EDU 411 Methods in Elementary Mathematics 3 credits

EDU 413 Methods in Elementary Science 3 credits

EDU 450 Pre-Student Teaching 9 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 prior to 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 student teaching application. For more information on the Connecticut Foundations of Reading Test see [www.ct.nesinc.com](http://www.ct.nesinc.com). For the appropriate multiple subjects PRAXIS II exam test numbers, please see [www.ets.org/praxis/ct/requirements](http://www.ets.org/praxis/ct/requirements).

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

EDU 465 Classroom Management and Assessment 3 credits  
in the Elementary School

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: Barbara Liu**

**Assistant Chair: Benjamin Pauley**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

### **Objectives**

The major in English is designed to develop students' understanding of the complexity and versatility of the English language and to cultivate skill in critical and creative thinking, writing, and research. In addition to a small set of core courses, students in the English major may choose to continue exploring the breadth of this field in the General English Studies program, or if they

wish, they may choose from a number of different concentrations (described below). What all of these options have in common is a careful engagement with the varied and multiple ways that language is used, whether as a medium of persuasion or of artistic expression. Readings are selected for literature and language courses because they broaden our perspective on the world, human values, and personal and community life, requiring us to come to terms with uncertainties, value judgments, and emotions. English majors learn how to read situations, interpret details, detect meaningful patterns, evaluate competing points of view, examine cultural perspectives, and form insightful questions. Responding to complex texts helps students sharpen their thinking and develop their capacity to communicate ideas with nuance and precision. The habits of mind that English majors develop—analytical acumen, attention to detail, sensitivity to tone, and clarity of thought and expression—prepare students for success in a variety of fields, from medicine to law, philosophy to commerce, diplomacy to applied technology, as well as to success in the creative arts and education.

### **Admission to the Program**

There are no general requirements for admission to the English degree program. Prospective English majors apply to the department chairperson to discuss their level of previous experience and their individual areas of interest. Because of the variety of course offerings and the flexibility of the English curriculum, it is especially important that students majoring in English work out a program of study suitable to their current interests and future plans, with the assistance of a faculty advisor.

### **Degree Requirements**

Students must receive a grade of C or higher in all courses being counted toward major requirements.

The minimum requirements for the major total 42 ENG credits beyond the Liberal Arts Core, with these exceptions:

- ENG 202 Introduction to English Studies substitutes for Liberal Arts Core Tier 1 Literature and Thought.
- Any ENG course in the Creative Expressions and Cultural Perspectives categories of Tier 2 may be counted for both the Liberal Arts Core and the English major.
- Credits for ENG 100 or ENG 100P College Writing cannot be used as part of the 42 credits required for the English major.

### **I. Required Gateway Courses: 9 credits**

ENG 202\* Introduction to English Studies

and two of the following writing-intensive courses (as specified in concentration requirements):

ENG 203^ Introduction to Writing Literary Criticism

ENG 204^ Introduction to Writing Studies

ENG 205\*\*\*^ Introduction to Creative Writing

### **II. General English Studies or Concentration Requirements: 15-18 credits**

Students majoring in English may choose to pursue the 15-credit General English Studies option or an 18-credit concentration in any of several areas: Creative Writing; Cultural Studies; English for Early Childhood or Elementary Education; English for Secondary Education; Literary Studies; or Rhetoric and Composition. A student with a clearly defined interest that isn't

comprehended by any of these concentrations may propose an individualized Student-Designed concentration. Students may pursue multiple concentrations by fulfilling the requirements of each (up to 6 credits may be counted for more than one concentration). The requirements of each of these options are described below. **Students must complete a total of 42 credits to complete the English major, no matter which of the options they choose.**

### **III. Electives: 9-15 credits**

Students are encouraged to use their electives to explore courses in concentrations other than the one they have chosen. They are encouraged to study with as many faculty members as possible.

### **IV. Capstone: 3-6 credits**

For their capstone experience, students should examine a topic related in some way to their declared concentration. English majors have three options for the capstone requirement, all of which satisfy the third level University Writing requirement and the Liberal Arts Core Tier 3 Independent Inquiry requirement:

ENG 461/462^^ Capstone Seminar (6 credits)

or

ENG 499^^ Directed Research (3-6 credits)

or

HON 380/488 Directed Honors Research and Thesis (6 credits) for English majors in the Honors program who complete a project with an English professor, with approval of the department chair

### **Total credits for the English major: 42**

### **V. 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 at the department web site. 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.

## **Concentration Requirements in the English Major**

### **General English Studies**

All students declaring the English major are automatically enrolled in the General English Studies program unless and until they formally declare one of the concentration options listed below. The General English Studies program allows students to explore the expanse of English studies, sampling courses from all the concentration areas and developing a breadth of knowledge in this diverse field of study.

### **Writing Intensive Gateway**

Choose two:

ENG 203^	Introduction to Writing Literary Criticism	3
ENG 204^	Introduction to Writing Studies	3
ENG 205***^	Introduction to Creative Writing	3

### **Category I: Literary Analysis, Form, and Theory**

Choose one:

ENG 125	Introduction to Literature	3
ENG 130	Literary Analysis	3

ENG 225	Fiction	3
ENG 226	Drama	3
ENG 227	Poetry	3
ENG 242	Literature & Cultural Studies	3
ENG 310	Contemporary African American Poetry	3
ENG 358	Literary Theory	3
ENG 359	Film Theory	3

### **Category II: Literary History and Traditions**

Choose one:

ENG 214	English Literature to 1798	3
ENG 215	English Literature from 1798	3
ENG 223	Survey of American Literature	3
ENG 234	Contemporary Fiction	3
ENG 317	Renaissance Literature	3
ENG 321	The Nineteenth-Century American Short Story	3
ENG 325	Modern Drama	3
ENG 327	Renaissance Drama	3
ENG 328	Children's Literature	3
ENG 332	Modern British and American Poetry	3
ENG 333	The Modern Novel	3
ENG 335	Shakespeare's Comedies	3
ENG 336	Shakespeare's Tragedies	3

### **Category III: Literature in Cultural Context**

Choose one:

ENG 216**	Scottish Literature and Culture	3
ENG 218**	Eighteenth-Century Britain in Global Context	3
ENG 228	Poetry of Women	3
ENG 233	Contemporary Poetry	3
ENG 252	Literature and Culture of the Harlem Renaissance	3
ENG 255	African American Literature	3
ENG 256	Native American Literature	3
ENG 257	Contemporary Drama and Society	3
ENG 258	Asian-American Literature	3
ENG 259	Chicano/Chicana Literature and Culture	3
ENG 260	Introduction to Women's Studies	3
ENG 307	Medieval Women Mystics	3
ENG 310	Contemporary African American Poetry	3
ENG 313	Native American Novel	3
ENG 314	Indigenous Studies	3
ENG 316	Love and War in Medieval British Literature	3
ENG 318	Restoration Literature	3
ENG 319	Age of Sensibility	3
ENG 320	Victorian Literature and Culture	3

ENG 322	The Romantic Period	3
ENG 329	Young Adult Literature in a Multicultural World	3
ENG 330	Science Fiction	3
ENG 331	Early Eighteenth-Century Literature	3
ENG 337	Sex and Love in Chaucer	3
ENG 339	Shakespeare and Film	3
ENG 342	Literature of New England	3
ENG 344	Literature of Africa	3
ENG 350	Southwestern Literature	3
ENG 351	Feminist Theories	3
ENG 352	Lesbian Literature	3
ENG 356	Women Writers to 1900	3
ENG 357	20th-Century Women Writers	3
ENG 360	Digital Game Studies	3
ENG 399	The Lord of the Rings	3

#### **Category IV: Rhetoric and Composition**

Choose one:

ENG 206	Multimodal Writing Workshop	3
ENG 271	Classical Rhetoric, Modern Contexts	3
ENG 272	Introduction to Rhetorical Criticism	3
ENG 273	Topics in Rhetoric and Composition	3
ENG 300	Business and Technical Writing	3
ENG 305	Composing Multimodal Narratives	3
ENG 306	Digital Rhetorics and Literacies	3
ENG 362	Writing for Digital Environments	3
ENG 370	Composition - Theory and Pedagogy	3
ENG 371	Rhetoric and Cultural Studies	3
ENG 373	Studies in Rhetoric and Composition	3
ENG 374	Rhetoric of the Hollywood Film	3
ENG 380	Creative Nonfiction	3
ENG 393	Chicana and Latinx Rhetoric	3

#### **Category V: Creative Writing**

Choose one:

ENG 207	Forms in Creative Writing	3
ENG 209	Writing for Children and Young Adults	3
ENG 301	Writing Fiction	3
ENG 302	Writing Poetry	3
ENG 305	Composing Multimodal Narratives	3
ENG 308	Playwriting	3
ENG 353***	Storytelling	3
ENG 369 ***	Cultural Studies & Creative Writing	3
ENG 372	Creative Writing Abroad	3
ENG 376	Advanced Forms, Theory, and Practice in Creative Writing	3
ENG 380	Creative Nonfiction	3

Certain sections of ENG 365 Topics in Literature or Language or ENG 373 Introductory Topics in Rhetoric and Composition may be designated as meeting course requirements in the categories above. Students should see the department chair or department website for more information.

### **Creative Writing Concentration**

This concentration enables 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 ability to read literary work from a writer's perspective. In addition to working closely with Eastern's published faculty, students will have access to frequent visiting writers of international acclaim. Other opportunities include pre-professional coursework and internships in editing and publishing as well as global field course to study creative writing aboard. As a complement to their courses in the craft of writing, students pursuing the Creative Writing concentration are required to take at least one literature course (preferably early in their coursework) and are encouraged to take others as part of the English major. Students should consider courses in literature from a variety of genres, areas, and periods.

### **Writing Intensive Gateway**

ENG 205***^	Introduction to Creative Writing	3
Choose one:		
ENG 203^	Introduction to Writing Literary Criticism	3
ENG 204^	Introduction to Writing Studies	3

### **Category I: Writing Forms and Genres (200-level)**

Choose one:		
ENG 207	Forms in Creative Writing	3
ENG 209	Writing for Children and Young Adults	3

### **Category II: Literature**

Choose one:		
ENG 225	Fiction	3
ENG 226	Drama	3
ENG 227	Poetry	3
ENG 228	Poetry of Women	3
ENG 233	Contemporary Poetry	3
ENG 234	Contemporary Fiction	3
ENG 257	Contemporary Drama and Society	3
ENG 321	The Nineteenth-Century American Short Story	3
ENG 325	Modern Drama	3
ENG 328	Children's Literature	3
ENG 329	Young Adult Literature in a Multicultural World	3
ENG 330	Science Fiction	3
ENG 332	Modern British and American Poetry	3
ENG 333	The Modern Novel	3
ENG 365	Topics in Literature or Language (when appropriate)	3



### **Category III: Creative Writing Workshops (300-level)**

Choose three:

ENG 301	Writing Fiction	3
ENG 302	Writing Poetry	3
ENG 305	Composing Multimodal Narrative	3
ENG 308	Playwriting	3
ENG 353***	Storytelling	3
ENG 372	Creative Writing Abroad	3
ENG 376	Advanced Forms, Theory and Practice in Creative Writing	3
ENG 380	Creative Nonfiction Writing the Private and Public "I"	3
ENG 381	Advanced Fiction Workshop	3
ENG 382	Advanced Poetry Workshop	3

### **Category IV: Professional Experience**

Choose one:

ENG 238	Literary Magazine Editing	3
ENG 363	Copyright in the Digital Age	3
ENG 383	Literary Publishing	3
ENG 481	LAW Independent Study in Writing for Publication	3
ENG 495	Internship in Writing and Editing	1-6

Certain sections of ENG 365 Topics in Literature or Language may be designated as meeting a requirement in one or more of the above categories. Students should see the department chair or department website for more information.

### **CULTURAL STUDIES CONCENTRATION**

The Cultural Studies concentration offers an opportunity to examine texts using an approach focused on the study of cultural formations and their effects. The theory and praxis of Cultural Studies will link the courses in this concentration, so that a connecting thread will be a close examination of power, agency, subjectivity and how gender, race, and class produce and reflect our exploration of different texts.

### **Writing Intensive Gateway**

Choose two courses:

ENG 203^	Introduction to Writing Literary Criticism	3
ENG 204^	Introduction to Writing Studies	3
ENG 205***^	Introduction to Creative Writing	3

### **Required Courses**

ENG 242	Literature and Cultural Studies	3
ENG 371	Rhetoric and Cultural Studies	3

### **Concentration Electives**

Choose four courses, at least three of which must be at the 300-level:

ENG 216**	Scottish Literature and Culture	3
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ENG 218**	Eighteenth-Century Britain in Global Context	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 260	Introduction to Women's Studies	3
ENG 292	Aesop to Apps: Critical Approaches to Kiddie Lit & Culture	3
ENG 293	Children and Childhood in the Nineteenth Century	3
ENG 310	Contemporary African American Poetry	3
ENG 313	Native American Novel	3
ENG 314	Indigenous Studies	3
ENG 350	Southwestern Literature	3
ENG 351	Feminist Theories	3
ENG 352	Lesbian Literature	3
ENG 360	Digital Game Studies	3
ENG 365	Topics in Literature or Language (when appropriate)	3
ENG 369***	Cultural Studies and Creative Writing	
ENG 373	Studies in Rhetoric and Composition	
(when topically appropriate)	3	
ENG 393	Chicana and Latinx Rhetorics	3
ENG 480	Independent Study (when topically appropriate)	1-6

Certain sections of ENG 265 Topics in Language and of ENG 373 Introductory Topics in Rhetoric and Composition may be designated as meeting course requirements in the Cultural Studies concentration. Students should see the department chair or department website for more information.

Students in the Cultural Studies concentration are strongly encouraged to include courses in Rhetoric and Composition among their electives.

### **ENGLISH FOR EARLY CHILDHOOD OR ELEMENTARY EDUCATION CONCENTRATION**

This concentration is designed for English majors who want to pursue a career in teaching at the preschool or elementary levels. While English majors who pursue other concentrations can certainly become certified teachers, this concentration assembles a group of courses that the English department believes best prepare students for success both in their own future classrooms and on certification examinations. Students pursuing Early Childhood or Elementary Education may also wish to consider the Liberal Studies major with a concentration in English and coursework in mathematics, science, and history/social science. For more information, see [www.easternct.edu/english/liberal-studies-major/](http://www.easternct.edu/english/liberal-studies-major/).

#### **Writing Intensive Gateway**

ENG 203^	Introduction to Writing Literary Criticism	3
ENG 204^	Introduction to Writing Studies	3

#### **Analysis and Literature**

ENG 130	Literary Analysis	3
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ENG 223	Survey of American Literature	3
ENG 328	Children's Literature	3
ENG 338	Linguistic Analysis	3

### **Creative Writing**

Choose one:

ENG 205***^	Introduction to Creative Writing	3
ENG 206	Multimodal Writing Workshop	3
ENG 207	Forms in Creative Writing	3
ENG 209	Writing for Children and Young Adults	3
ENG 230	Reading and Writing Electronic Literature	3
ENG 241***	Critical and Creative Thinking	3
ENG 353***	Storytelling	3
ENG 369***	Cultural Studies and Creative Writing	3
ENG 372	Creative Writing Abroad	3
ENG 380	Creative Nonfiction	3
ENG 480	Independent Study (when topically appropriate)	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 352	Lesbian Literature	3
ENG 356	Women Writers to 1900	3
ENG 357	20 <sup>th</sup> Century Women Writers	3

Students may also count independent studies (ENG 480) on appropriate topics towards the completion of their concentration requirements.

Students pursuing the English for Early Childhood or Elementary Education concentration are encouraged to take one or more elective classes in Rhetoric and Composition.

### **ENGLISH FOR SECONDARY EDUCATION CONCENTRATION**

This concentration is designed for English majors who want to pursue a career in teaching at the secondary level. While English majors who pursue other concentrations can certainly become teachers, this concentration assembles a group of courses that the English department believes best prepare students for success both in their own future classrooms and on certification examinations.

*Students who intend to pursue secondary certification are not required to complete this concentration, but should they choose a different concentration, they must complete ENG 329,*

340, 341, and any survey course (ENG 212, 231, 214, 215, 223, or 356) in order to meet state teacher certification requirements. If these courses are not included among the requirements for a student's chosen concentration, the student may use them to complete their English electives.

**Writing Intensive Gateway**

ENG 203^	Introduction to Writing Literary Criticism	3
ENG 204^	Introduction to Writing Studies	3

**Required Courses**

ENG 130	Literary Analysis	3
ENG 223	Survey of American Literature	3
ENG 329	Young Adult Literature in a Multicultural World	3
ENG 340	History and Development of the English Language	3
ENG 341	Modern American Grammar	3
Choose one:		
ENG 214	English Literature to 1798	3
ENG 215	English Literature from 1798	3

Students pursuing the English for Secondary Education concentration are encouraged to either ENG 335 Shakespeare's Comedies or ENG 336 Shakespeare's Tragedies and one or more classes in Rhetoric and Composition for their major electives.

**LITERARY STUDIES CONCENTRATION**

The concentration in Literary Studies invites students to study literature as an imaginative artifact conditioned by history, culture, and society. Students read various literary genres such as poetry, prose, and drama with sensitivity to literary and rhetorical devices, as well as aesthetic features, in order to understand how a text produces meaning, and how an interpretation is shaped by a community of readers. Given details from the imagined world of the literary text, students engage with ambiguity, draw inferences, employ critical terminology, and ultimately shape persuasive analytic reading in response to the patterns, representations, and ideas found in these works.

**Writing Intensive Gateway**

ENG 203^	Introduction to Writing Literary Criticism	3
Choose one course:		
ENG 204^	Introduction to Writing Studies	3
ENG 205***^	Introduction to Creative Writing	3

**Literary Analysis, Form, and Theory**

Choose one course:		
ENG 125	Introduction to Literature	3
ENG 130	Literary Analysis	3
ENG 225	Fiction	3
ENG 226	Drama	3
ENG 227	Poetry	3
ENG 310	Contemporary African American Poetry	3

ENG 358	Literary Theory	3
ENG 359	Film Theory	3

### **Literary History and Traditions**

One course in:

ENG 214	English Literature To 1798	3
ENG 215	English Literature From 1798	3
ENG 223	Survey of American Literature	3
ENG 234	Contemporary Fiction	3
ENG 317	Renaissance Literature	3
ENG 321	The Nineteenth-Century American Short Story	3
ENG 325	Modern Drama	3
ENG 327	Renaissance Drama	3
ENG 328	Children's Literature	3
ENG 332	Modern British and American Poetry	3
ENG 333	The Modern Novel	3
ENG 335	Shakespeare's Comedies	3
ENG 336	Shakespeare's Tragedies	3

### **Literature in Cultural Context**

Choose one course:

ENG 216**	Scottish Literature and Culture	3
ENG 228	Poetry of Women	3
ENG 233	Contemporary Poetry	3
ENG 252**	The Literature and Culture of the Harlem Renaissance	3
ENG 255	African American Literature	3
ENG 256	Native American Literature	3
ENG 257	Contemporary Drama and Society	3
ENG 258	Asian American Literature	3
ENG 259**	Chicano/Chicana Literature and Culture	3
ENG 307	Medieval Women Mystics	3
ENG 313	Native American Novel	3
ENG 314	Indigenous Studies	3
ENG 316	Love and War in Medieval British Literature	3
ENG 318	Restoration Literature	3
ENG 319	Age of Sensibility	3
ENG 320	Victorian Literature and Culture	3
ENG 322	The Romantic Period	3
ENG 329	Young Adult Literature in a Multicultural World	3
ENG 330	Science Fiction	3
ENG 331	Early Eighteenth Century Literature	3
ENG 337	Sex and Love in Chaucer	3
ENG 339	Shakespeare and Film	3
ENG 342	Literature of New England	3
ENG 344	Literature of Africa	3

ENG 350	Southwestern Literature	3
ENG 352	Lesbian Literature	3
ENG 356	Women Writers to 1900	3
ENG 357	20 <sup>th</sup> Century Women Writers	3
ENG 399	The Lord of the Rings	3

#### **IV. Electives with the Literary Studies Concentration**

Choose any three additional literature courses listed above (9 credits).

Sections of ENG 365 Topics in Literature or Language may be designated as fulfilling different categories in the Literary Studies concentration. Students may count multiple sections of ENG 365 towards the completion of their concentration requirements, provided that those sections are on different topics.

#### **RHETORIC AND COMPOSITION CONCENTRATION**

The Rhetoric and Composition concentration provides students with a thorough foundation in the subfields of rhetorical theory and composition studies. Rhetoric is a field with deep roots in the Western academic tradition. Aristotle defines it as “the faculty of observing in any given case the available means of persuasion.” The study of rhetoric prepares students to be careful and critical readers and producers of texts (political arguments, film, literature, advertisements, social media, cultural movements, etc. ). Composition studies, whose roots are in rhetoric, focuses on understanding the literacy practices of various groups (e.g., fifth grades, book clubs, advocacy groups, and scientists) and theories and practices of teaching writing in various contexts (e.g., college classrooms, writing centers, prisons, and community centers). Through coursework in composition studies, students gain greater critical understanding of the processes they and others use to write, and develop strategies for improving their own writing and helping others to develop as writers as well.

#### **Writing Intensive Gateway**

ENG 204 <sup>^</sup>	Introduction to Writing Studies	3
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Choose one course:

ENG 203 <sup>^</sup>	Introduction to Writing Literary Criticism	3
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ENG 205 <sup>***^</sup>	Introduction to Creative Writing	3
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#### **Required Courses**

Choose two courses:

ENG 206	Multimodal Writing Workshop	4
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ENG 271 <sup>**</sup>	Classical Rhetoric, Modern Contexts	3
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ENG 272	Introduction to Rhetorical Criticism	3
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ENG 372	Introductory Topics in Rhetoric and Composition	3
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Choose four courses:

ENG 300	Business and Technical Writing	3
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ENG 305	Composing Multimodal Narratives	3
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ENG 306	Digital Rhetorics	3
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ENG 362	Writing for Digital Environments	3
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ENG 370	Composition Theory and Pedagogy	3
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ENG 371	Rhetoric and Cultural Studies	3
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ENG 373	Studies in Rhetoric and Composition	3
ENG 374	Rhetoric of the Hollywood Film	3
ENG 380	Creative Nonfiction Writing the Private and Public “I”	3
ENG 393	Chicana and Latinx Rhetoric	3

Students may count multiples sections of ENG 373, Studies in Rhetoric and Composition to complete their concentration, provided that those sections are on different topics. Internships in tutoring writing (either in the Writing Center or for sections of College Writing Plus) taken for academic credit *may not* be counted toward the Rhetoric and Composition concentration but may be counted as electives in the English major.

### **Student-Designed Concentration**

Students with a well-developed area of interest that does not fit comfortably within any of the English department’s defined concentrations may opt to design their own concentrations in consultation with a faculty advisor. Students pursuing a self-designed concentration must complete the gateway coursework required of all English majors (ENG 202 plus two writing intensive English courses in different areas) as well as a capstone experience (either the two-semester sequence of ENG 461 and 462 or an independent ENG 499; students in the University Honors program may substitute HON 380/488).

While the English department does not offer specific prescriptions as to what form a student-designed concentration must take, students should work in close collaboration with their faculty advisor to ensure that their proposed courses of study addresses the goals that the department has set for all majors. A student-designed concentration must consist entirely of English courses, though students are encouraged to choose electives in other fields that complement their concentration. Students wishing to pursue interdisciplinary work that cannot be adequately addressed by English course alone should consider the university’s option for an individualized major.

\*approved substitution to meet Liberal Arts Core Tier I Social Sciences

\*\*approved reuse to meet Liberal Arts Core Tier II Cultural Perspectives

\*\*\*approved reuse to meet the Liberal Arts Core Tier II Creative Expression

^meets Stage 2 University Writing Requirement

^^meets Stage 3 University Writing Requirement

### **English Honors**

English majors with at least 60 credits and a GPA of at least 3.7 in the major who have both the aptitude and the motivation to carry out advanced independent work may ask to be considered for English Honors. Applicants must submit a letter of intent to the department chair explaining their interest in pursuing English Honors and must also provide two letters of recommendation from English faculty at Eastern.

English Honors students will normally begin their senior capstone coursework in their junior year (though other arrangements are possible for transfer students who began their careers at Eastern as juniors). Following completion of the capstone, English Honors students will enroll in ENG 485 and write an honors thesis, under the direction of a faculty advisor, in which they either expand their capstone project (from ENG 462, ENG 499, or HON 488) or pursue a new

advanced topic of their own devising. An important final component of the process is a presentation during which the student will be expected to discuss his or her research with an English class or with a committee of faculty. Only students who complete the University Honors Program receive a transcript and diploma designation.

# ENVIRONMENTAL EARTH SCIENCE

**Environmental Earth Sciences Department**

**Department Chair: Stephen Nathan**

**Assistant Chair: Bryan Oakley**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

## **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 track to follow. Courses in chemistry, physics, mathematics and computing are integrated into the major to provide the diverse background necessary for analyzing environmental problems.

The Environmental Earth Science track is designed for students interested in careers or graduate school in the geosciences. The General Earth Science track is appropriate for those interested in elementary or secondary school teaching. The Sustainable Energy Science track is appropriate for students interested in graduate school in energy science or careers dealing with the impact of energy consumption on humans and the natural environment. The Environmental Science track is designed for student who are interested in careers and graduate study in environmental an ecological science, environmental health, 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. Other required and elective courses allow individual EES majors to pursue environmental science subjects that connect with their academic and career interests. In addition to formal coursework, independent studies and internships offer students the opportunity to integrate field, laboratory, technical writing, and/or computer skills in the investigation of environmental problems.

The department also offers minors in environmental earth science, environmental health, geographic information systems (GIS), geomorphology, hydrogeology and sustainable energy studies. The environmental health minor explores the interrelationship between human health and the 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](http://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**

##### ***Gateway***

EES 104**~	Dynamic Earth with Laboratory	4	
~Alternatives EES 106/112, EES 110/112, EES 220/112, EES 220/221			

##### ***Introductory***

EES 130^	Ancient Environments with Laboratory	4	
EES 224****^	Landform Analysis with Laboratory		4
EES 330	Mineralogy and Rock Analysis with Laboratory	4	

##### ***Foundation***

EES 322	Elementary Hydrology with Laboratory	4	
EES 340***	Geographic Information Systems with Laboratory	4	
EES 344	Sedimentology and Stratigraphy with Laboratory	4	
EES 350	Field Methods in Earth Science	4	
EES 356	Structural Geology and Environmental Applications with Lab	4	

#### **Advanced Courses**

Choose nine to twelve credits, at least one must be Writing Intensive:

EES 306	Sustainable Buildings	3	
EES 342^^	Advanced Geographic Information Systems with Laboratory		3
EES 402^^	Energy Issues in Geoscience	3	
EES 405^^	Energy Analysis	3	
EES 424	Glacial and Quaternary Geology	3	
EES 440^^	Advanced Process Geomorphology	4	
EES 444	Geospatial Applications Using Remote Sensing	3	
EES 450	Hydrological Research Methods	3	
EES 456	Coastal Geologic Processes and Hazards	3	
EES 460	Special Topics in Earth Science	3	
EES 471	Advanced Environmental Earth Science Field Course		3

#### **Required Courses in Related Areas**

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 243*	Calculus I with Technology	4	

Choose one:

8

PHY 204/205 General Physics I & II with Laboratory

PHY 208/209 Physics with Calculus I & II with Laboratory

### **Recommended Electives**

For students wanting to go beyond the above required courses, the following are options pertinent to an EES background:

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
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 216	Statistical Data Analysis
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 sciences, mathematics, physical science, physics, and political science.

## **ENVIRONMENTAL SCIENCE CONCENTRATION**

### **Required Foundation**

EES 104**~	Dynamic Earth with Laboratory	4
EES 130^	Ancient Environments with Laboratory	4
EES 224****^	Landform Analysis with Laboratory	4
EES 322	Elementary Hydrology with Laboratory	4
EES 340***	Geographic Information Systems with Laboratory	4

~Alternatives EES 110/112, EES 220/221

### **Required Concentration Courses**

BIO 200	Ecology and the Environment	3
BIO 201	Ecology and the Environment Laboratory	1
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
EHS 210	Environmental Health Science	3
Choose one:		3
EES 204	Global Climate Change	
EES 205	Sustainable Energy and the Environment	

Choose one: 4  
 MAT 216 Statistical Data Analysis  
 MAT 243\* Calculus I with Technology

Choose one: 4  
 PHY 204 General Physics I with Laboratory  
 PHY 205 General Physics II with Laboratory

**Required Concentration Electives**

Choose three courses:

BIO 301	Microbes and Your Health	3
CHE 216	Organic Chemistry I with Lab	4
CHE 310	Environmental Chemistry	3
ECO 322	Environmental Economics	3
EES 315	Environmental Science and Society	3
EES 32	1 Watershed Management	3
EES 323	Drinking Water Management	3
EHS 324	Environmental Toxicology	3
EHS 410	Hydrogeology for Environmental Health Professionals	3
GEO 306	Gender, Justice, Environment	3
GEO 331	Geography of Food	3
PSC 351	Environmental Politics and Policy	3

**EES Electives**

Choose 2 courses:

EES 305	Energy Resources and Conservation	3
EES 330	Mineralogy and Rock Analysis with Laboratory	4
EES 342^^	Advanced Geographic Information Systems w/ Laboratory	4
EES 344	Sedimentology and Stratigraphy with Laboratory	4
EES 356	Structural Geology and Environmental Applications w/ Lab	4
EES 402^^	Energy Issues in Geoscience	3
EES 424	Glacial and Quaternary Geology	3
EES 440^^	Advanced Process Geomorphology	4
EES 444	Geospatial Applications Using Remote Sensing	3
EES 456	Coastal Geologic Processes and Hazards	3

**Capstone**

Choose 1 course:

EES 320	Environmental Management	3
EES 350	Field Methods in Earth Science	4
EES 450	Hydrological Research Methods	3

**General Earth Science Concentration**

**Core Courses**

Same as required for the Environmental Earth Science Concentration.

**Writing Intensive Course**

Choose one:		
EES 342^^	Advanced Geographic Information Systems w/ Laboratory	4
EES 402^^	Energy Issues in Geoscience	3
EES 405^^	Energy Analysis	3
EES 440^^	Advanced Process Geomorphology	4

### **Required Courses in Related Areas**

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
Choose one:		3-4
MAT 243*	Calculus I with Technology	
MAT 216	Statistical Data Analysis	
Choose one:		8
PHY 204/205	General Physics I & II with Laboratory	
PHY 208/209	Physics with Calculus I & II with Laboratory	

### **Natural Science Courses**

Choose two of the following:		
AST 214	Descriptive Astronomy with Lab	4
EES 200	Oceanography	3
PHY 217	Meteorology	4

### **Recommended Electives**

Same as recommended in the Environmental Earth Science concentration.

## **SUSTAINABLE ENERGY SCIENCE CONCENTRATION**

### **Core Requirements**

#### ***Gateway***

EES 104**~	Dynamic Earth with Laboratory	4
Choose one:		3-4
EES 204	Global Climate Change	
EES 205/207	Sustainable Energy and the Environment and Lab	
~Alternatives: EES 106/112, EES 110/112, EES 220/112, EES 220/221		

#### ***Introductory***

EES 130^	Ancient Environments with Laboratory	4
EES 224****^	Landform Analysis with Laboratory	4
Choose one:		4
EES 330	Mineralogy and Rock Analysis with Laboratory	
EES 356	Structural Geology and Environmental Application with Lab	

#### ***Foundations***

EES 322	Elementary Hydrology with Laboratory	4
EES 340***	Geographic Information Systems with Laboratory	4
EES 344	Sedimentology and Stratigraphy with Laboratory	4
EES 305	Energy Resources and Conservation	3

### **Advanced Energy Courses**

EES 402^^	Energy Issues in Geoscience	3
Choose two:		6-8
EES 306	Sustainable Buildings	
EES 330 or 356	Minerology and Rock Analysis with Laboratory or Structural Geology and Environmental Applications with Lab	
EES 342^^	Advanced Geographic Information	
EES 405^^	Sustainable Energy Analysis	
EES 456	Coastal Geologic Hazards	
EES 460	Special Topics in Earth Science (when topically appropriate)	

### **Required Courses in Related Areas**

Same as required for Environmental Earth Science Concentration.

### **Recommended Electives**

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

CHE 216	Organic Chemistry I with Lab
CHE 217	Organic Chemistry II with Lab
CSC 210	Computer Science and Programming I
CSC 231	Computer Science and Programming II
EES 392	Environmental Earth Science Practicum
EES 480	Independent Study in Earth Science
EES 486	Environmental Earth Science Research
EES 491	Internship in Environmental Earth Science
MAT 216	Statistical Data Analysis
MAT 244	Calculus II with Technology
MAT 340	Calculus III with Technology

### **Recommended Minors**

A minor is not required. In addition to the EES minors, the following minors are appropriate for this track: business administration, chemistry, communication, computer engineering sciences, computer science, economics, geographic information systems, geography, mathematics, physical science, physics, political science and writing.

\*approved reuse to meet Liberal Arts Core Tier I Mathematics

\*\*approved reuse to meet Liberal Arts Core Tier I Natural Sciences

\*\*\*approved substitution to meet the Liberal Arts Core Tier II Applied Information Technology

\*\*\*\*approved substitution to meet the Liberal Arts core Tier II Natural Sciences

^meets Stage 2 University Writing Requirement (must complete two courses)

^^meets Stage 3 University Writing Requirement

# FINANCE

**Economics and Finance Department**  
**Department Chair: Maryanne Clifford**

**Requirements accurate as of November 1, 2020**  
**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

## **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 Business Administration 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. Only one transferred course can be used to meet the Finance elective requirement for 3 credits.

## **Degree Requirements**

### **Related Course Requirements**

ECO 200	Principles of Macroeconomics	3
ECO 201**	Principles of Microeconomics	3
BUS 205*	Management of Business Information	3
ECO 215	Statistics for Business and Economics	3

### **Related Business Requirements**

ACC 201	Principles of Accounting I	3
ACC 202	Principles of Managerial Accounting	3
BUS 201^	Principles of Management	3
BUS 225^	Principles of Marketing	3
FIN 245	Business Finance	3
BUS 250	Business Law I	3
BUS 260	Operations Management	3
BUS 301^^	Business Ethics	3

### **Common Core Requirements**

ECO 325	Money and Banking	3	
FIN 335	Financial Management		1.5
FIN 346	Investment Analysis	3	
FIN 347	Financial Institutions and Markets	3	
FIN 437	International Financial Management	3	
FIN 445	Case Studies in Financial Management		3
FIN 447	Wealth Management	1.5	
FIN 490	Internship in Finance	3	

## **Finance Electives**

Choose 9 credits:

FIN 302	Fundamentals of Insurance	3
FIN 348	Personal Financial Planning	3
FIN 349	Real Estate Finance	3
FIN 438	Bank Management	3
FIN 446	Financial Derivatives	3
FIN 462	Seminar in Finance	3

\*approved reuse to meet Liberal Arts Core Tier II Applied Information Technology

\*\*approved reuse to meet Liberal Arts Core Tier II Individuals and Societies

^meets Stage 2 University Writing Requirement (must complete two courses)

^^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 ***	LAC Tier I Mathematics	3
T1FY	First-Year Introduction	3
T1HW	LAC Tier I Health and Wellness	2
T1SS	LAC Tier I Social Sciences	3
T1A	LAC Tier I Arts in Context	
ECO 200	Principles of Macroeconomics	3
ACC 201	Principles of Accounting I	3
BUS 205	Information Management	3
ECO 215	Statistics for Business and Economics	3
	Other LAC Tier I or Tier II course	3
<b>Total for Year</b>		<b>32 credits</b>

### **Second Year**

ECO 201	Principles of Macroeconomics	3
BUS 201	Principles of Management	3
T1H	LAC Tier I Historical Perspectives Course	3
T1NS	LAC Tier I Natural Science with Lab	4
ACC 202	Principles of Managerial Accounting	3
BUS 225	Principles of Marketing	3
FIN 245	Business Finance	3
BUS 250	Business Law I	3
BUS 260	Operations Management	3
T2CP	LAC Tier II Cultural Perspectives Course	6
<b>Total for Year</b>		<b>31 credits</b>

### **Third Year**

BUS 30	1	Business Ethics	3
ECO 325		Money and Banking	3
FIN 346		Investment Analysis	3
FIN 347		Financial Institutions and Markets	3

FIN 348	Personal Financial Planning	3	
FIN 438	Bank Management	3	
FIN 445	Case Studies in Financial Management		3
FIN 446	Financial Derivatives	3	
	Minor or Electives	6	
<b>Total for Year</b>		<b>30 credits</b>	
<b>Fourth Year</b>			
FIN 349	Real Estate Finance	3	
FIN 437	International Financial Management	3	
FIN 335	Financial Management		1.5
FIN 447	Wealth Management	1.5	
FIN 490	Internship in Finance	3	
T2NS	LAC Tier II Natural Science	3	
T2CE	LAC Tier II Creative Expression	3	
	General Electives	6	
	<b>Total for Year</b>	<b>30 credits</b>	

## 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 Eastern's Credit for Lifelong Learning Program, 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

Liberal Arts Core (LAC) Curriculum up to 46 credits

Note: The LAC Tier I requirement is waived for new students transferring 60 or more credits, provided that those credits include a minimum of 27 credits of liberal arts and sciences coursework including a math course above College Algebra and English Composition. A minimum of two Tier II LAC courses in different categories must be completed at Eastern. The LAC Tier III requirement must also be completed at Eastern.



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. degree 120 credits**

### **Additional University Requirements for the Bachelor of General Studies degree:**

#### **University Writing Requirements**

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**

**Health Sciences Department**

**Department Chair: Yaw Nsiah**

**Assistant Chair: Amy Bataille**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

### **Objectives**

Health Sciences Major (HSC) consists of two main concentrations: Public Health and Allied Health. 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 no 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 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 in the Connecticut State Universities, Eastern's Health Science Major offers seamless transfer from a number of Connecticut Community College programs.

Students from outside the major may be interested in the Health Science minor: Public Health Studies.

### **Degree Requirements**

The major curriculum consists of a common core group of courses following by specific course work in a selected are 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
Choose one:		3
HPE/HSC 430	Statistics in Health & Exercise Science	
MAT 216**	Statistical Data Analysis	
BIO 304***	Genetics and Society	3
BIO 314***	Genetics and Society Lab	1
BIS 362	Healthcare Informatics	3
Choose one:		3/4
ANT/HSC 302^	Research Methods in Health Sciences	
HSC 400	Quantitative Research Methods for Health Sciences	
HSC 438^^	Current Issues in Health Sciences Seminar	3

### **PUBLIC HEALTH CONCENTRATION**

#### **Required Courses**

PBH 228	Introduction to Public Health	3
PBH 206	Epidemiology for the Liberal Arts	3
PBH 209	Nutrition and Public Health	3
PBH 494	Field Internship in Public Health	3
BIO 301***	Microbes and Your Health	3
BIO 302***	Microbes and Your Health Laboratory	1

### **Concentration Electives**

Choose three:

COM/HSC 255	Health Communication	3
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 404	Infection, Immunity and Inflammation	3
PBH 330	Principles of Global Health	3
PSY 301	Abnormal Psychology	3
PSY 302	Psychopathology of Childhood	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: 4

BIO 301/302***	Microbes and Your Health Lecture and Laboratory	
HSC 425	Microbiology for Health Sciences	
BIO 334	General Microbiology with Laboratory	
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
COM/HSC 255	Health Communication	3
HSC 308	Principles of Toxicology	3
HSC 400	Quantitative Research Methods for Health Sciences	3
HSC 404	Infection, Immunity and Inflammation	3
HSC 408	Principles of Pharmacology	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
SLM 375	Exercise for Persons with Chronic Diseases and Disabilities	3
SOC 307	Deviance	3
SOC 311	Drugs & Society	3
SOC 312	Sociology of Mental Illness	3

\*approved substitution to meet Liberal Arts Core Tier I Natural Science

\*\*approved reuse to meet Liberal Arts Core Tier II Applied Information Technology

\*\*\*approved reuse to meet Liberal Arts Core Tier II Natural Science

^meets Stage 2 University Writing Requirement

^^meets Stage 3 University Writing Requirement

# HISTORY AND SOCIAL SCIENCE

## History Department

Department Chair: Jamal Ostwald

Assistant Chair: Caitlin Carenen

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

## Degree Requirements

### Required Courses

HIS 200 <sup>^</sup>	Historical Research and Writing	4
Choose one:		3
HIS 115	Intro Early World History	
HIS 116	Modern World History	
Choose one:		3
HIS 120*	The Early American Experience, 1607-1877	
HIS 121*	The Recent American Experience, 1877 – present	
Choose one:		3
HIS 230**	European History Before 1500	3
HIS 231**	European History Since 1500	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. This seminar also fulfills the LAC Tier III: Independent Study.

\*approved reuse to meet Liberal Arts Core Tier I Historical Perspectives

\*\*approved reuse to meet Liberal Arts Core Tier II Cultural Perspectives

^meets Stage 2 University Writing Requirement

^^meets Stage 3 University Writing Requirement

**Recommended Course Sequence: History and Social Science Major (B.A.)**

Check all courses descriptions for prerequisites before planning course schedule

**First Year**

ENG 100	College Writing	3
MAT 135	Math for Liberal Arts	3
	Liberal Arts Core Tier I	9-12
HIS 120/121	Early/Recent American History	0-3
HIS 115/116	Experience Early/Modern World	0-3
	History Social Science Electives	3-9
	<b>Total</b>	<b>30 credits</b>

**Second Year**

	Liberal Arts Core Tier I and II	9-12
HIS 230/231	European History	3
HIS 200	Historical Research and Writing	4
HIS 2/3XX	History Electives	3-6
	Social Science Electives	3-6
	Minor	0-3
	Electives	0-3
	<b>Total</b>	<b>30 credits</b>

**Third Year**

	Liberal Arts Core Tier II	4-7
HIS 3XX	History Electives	3-6
	Social Science Electives	3-6
	Minor	0-6
	Elective	5-17
	<b>Total</b>	<b>30 credits</b>

**Fourth Year**

HIS 3XX	History Electives	3-6
HIS 4XX	Seminar	3-4
	Minor/Electives	15-21
	<b>Total</b>	<b>30 credits</b>

# INDIVIDUALIZED MAJOR

Dr. Carmen Cid, Dean of Arts and Sciences  
Assistant Chair: Caitlin Carenen

**Requirements accurate as of November 1, 2020**  
**See academic program web pages at [www.easternct.edu](http://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 disciplines while meeting his/her educational interests and career objectives, and (b) provide the student with flexible career skills to meet the challenges of a society undergoing rapid technological change. Students who choose to develop an individualized major must demonstrate their ability to gain proficiency in the chosen fields of study. 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 departmental majors. Students may apply no more than six credits of independent study/internships/field placement coursework towards the 36 credits in the major. The independent study should be directly related to and reflecting the interdisciplinary theme of the proposed plan of study.

Students completing an individualized major can receive either a B.A. or a B.S., which will appear on the student's transcript as "B.S. (or B.A.) — Individualized Major in (insert here title of major's focus as indicated on the student's Plan of Study)." The discipline in which the student proposes to take the most credits in his/her 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 his/ her 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:

- his/her faculty advisor

- department chair of each department in which the student is taking 15 or more credits towards the major and
- the dean of his/her 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, he/she 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, and
- in no case will an individualized major be approved in the final semester of a student's attendance.

# LABOR RELATIONS AND HUMAN RESOURCE MANAGEMENT

**Program Coordinator: Peter Bachiochi**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

## **Objectives**

Labor Relations and Human Resource Management (LRHRM) majors study work and the employment relationship from the perspectives of several disciplines. By providing a broad foundation of theoretical and professional knowledge, the program prepares students for careers in labor relations, human resource management, policy analysis and management, as well as graduate study or law school.

## **Admission to Program**

There are no admission requirements for the major. Students who wish to major in LRHRM should contact the program coordinator. The LRHRM program coordinator is the official advisor for all LRHRM majors.

## **Degree Requirements**

LRHRM students take courses totaling 45 credits from a variety of departments with at least nine credits taken from each of four groupings of courses. ECO 429 is taken by all LRHRM majors to

satisfy Stage 3 of the University Writing Requirement\*. Three credits of an internship course (LHR 490) may be applied to the required 45 credits. The prerequisites for LRHRM courses do not count toward the 45 credits for the major.

\*Also note: Taking the required minimum courses for the major will total 39 credits, so students will need to take two additional courses (six credits) from the Business Administration, Psychology or other disciplines groupings below.

### **Prerequisites for the LHRM Major**

ECO 200	Principles of Macroeconomics	3
ECO 201	Principles of Microeconomics	3
PSY 100	General Psychology	3
ECO 215	Statistics for Business and Economics	3
BUS 230	Business and Society	3

### **Economics Requirements**

ECO 429^^	Political Economy of Labor Relations	3
ECO 301	Intermediate Microeconomic Analysis	3
ECO 330^	Labor Economics	3

### **Business Administration Requirements**

Choose three courses (nine credits):

BUS 234	Supervision and Training	3
BUS 310	Contemporary Issues in Employment Law	3
BUS 330	Labor Relations and Employment Laws	3
BUS 331	Organizational Behavior	3
BUS 333	Human Resource Management	3
BUS 366	Lean Production Management	3
BUS 433	Strategic Talent Management	3

### **Psychology Requirements**

Choose three courses (nine credits):

PSY 303	Industrial and Organizational Psychology	3
PSY 304	Job Satisfaction and Motivation	3
PSY 305	Leadership in Organizations and Society	3
PSY 403	Seminary in Diversity at Work	3
PSY 404	Measuring Work Behavior	3

### **Other Disciplines:**

Choose three courses (nine credits):

ANT 300	Women and Work	3
ANT 345	Transnational, Racial and Ethnic Identity	3
BIS 361	Business Information Systems	3
COM 312	Professional Presentations	3
COM 330	Organizational Communication	3
COM 331	Conflict Communication	3
GEO 228	Historical Geography of the United States	3
GEO 337	Economic Geography	3
HIS 313	The Gilded Age to World War I	3



HIS 315	The United States Between the Wars	3
PHI 314	Modern Social and Political Thought	3
PHI 320	American Philosophy	3
PHI 360	Global Ethics	3
PHI/PSC 370	Human Rights: Natural and Civil	3
PSC 225	Organizational Theory	3
PSC 314	Modern Social and Political Thought	3
PSC 323	Democratization	3
PSC 325	Politics and the Mass Media	3
PSY 325	Health Psychology	3
SOC 275	The Sociology of Globalization	3
SOC 325	Law and Society	3
SOC 358	Sociology of Labor	3
SOC 373	Collective Behavior and Social Movements	3
SWK 311	The Social Environment & Human Behavior	3
SWK 325	Social Welfare Policy	3

### **Major Electives**

Choose two additional courses (6 credits) from the Business Administration, Psychology, or Other Disciplines categories.

### **Internship**

LHR 490	Internship in Labor Relations & Human Resource	
Management		3-6

^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 (T1W)	3
T1M	LAC Tier I Mathematics	3
T1FY	First-Year Introduction	3
ECO 200	Principles of Macroeconomics	3
ECO 201	Principles of Microeconomics (T2IS)	3
PSY 100	General Psychology (T1SS)	3
ECO 215	Statistics for Economics and Business (T2IT)	3
BUS 230	Business and Society	3
	LAC Tier I Courses	6

**Total for Year**

**30 credits**

#### **Second Year**

LHR 2/3XX	LHRM Major Requirements	15
	LAC Tier I and II Courses	12-15
	General Electives	0-3

**Total for Year**

**30 credits**

#### **Third Year**

LHR 3/4XX	LHRM Major Requirements	15
	LAC Tier I and II Courses	15
	General Electives	
<b>Total for Year</b>	<b>30 credits</b>	
<b>Fourth Year</b>		
ECO 429	Political Economy of Labor Relations	3
LHR 3/4XX	LHRM Major Requirements	12
LHR 490	Internship	3-6
	LAC Requirements and Electives	9-12
	<b>Total for Year</b>	<b>30 credits</b>

## LIBERAL STUDIES

**Program Coordinator: Mark Fabrizi**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

### Objectives

The Liberal Studies major is exclusively offered to students who intend to study Elementary Education or 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 31-32 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 49-53 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 LAC Tier I Requirements

- All Liberal Studies majors (except those with a concentration in Mathematics) must take MAT 139P as their LAC Tier 1 Mathematics course.

- Those in the Mathematics concentration should take MAT 155 or 155P (depending on placement) as their LAC Tier 1 Mathematics course (if they do not place directly into MAT 243). Those placing into MAT 243 should take it as their Tier 1 Mathematics course and work with their advisor to choose another MAT course to complete the concentration.
- ALL Liberal Studies majors must take BIO 304 as their LAC Tier 2 Natural Sciences course.

### **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:		3
ECO 200	Principles of Macroeconomics <sup>#</sup>	
GEO 100	Introduction to Geography <sup>#</sup>	
PSC 110	American Government and Politics <sup>#</sup>	
Choose one:		3
HIS 120**	The Early American Experience 1607 to 1877	
HIS 121**	The Recent American Experience 1877 to Present	
HIS 310	Great Issues: Survey of American History <sup>##</sup>	
EES 104***	Dynamic Earth with Laboratory	3
ENG 130*	Literary Analysis	3
ENG 328	Children's Literature	3
ENG 338	Linguistic Analysis	3
Choose one:		3
HIS 115**	Early World History	
HIS 116**	Modern World History	
MAT 140	Geometry and Probability for Elementary School Teaching	3
MAT 217****	Statistics for Liberal Arts <sup>###</sup>	3
PHS 105	Introductory Physical Sciences	3

<sup>#</sup>Students must take the ECO/GEO/PSC placement test and speak to their academic advisor before choosing which of these courses to take.

<sup>##</sup>History/Social Sciences student take HIS 120 or 121

<sup>###</sup>Mathematics students take MAT 315 instead of 217

\*approved substitution to meet Liberal Arts Core Tier I Literature and Thought

\*\*approved reuse to meet Liberal Arts Core Tier I Historical Perspectives

\*\*\*approved reuse to meet Liberal Arts Core Tier I Natural Science

\*\*\*\*approved substitution to meet Liberal Arts Core Tier II Applied Information Technology

### **EARTH SCIENCE CONCENTRATION**

EES 130 <sup>^</sup>	Ancient Environments with Laboratory	4
EES 205	Sustainable Energy and the Environment	3
EES 224 <sup>^</sup>	Landform Analysis with Laboratory	4
EES 330	Mineralogy and Rock with Laboratory	4
Choose one:		3-4
EES 204	Global Climate Change	
EES 222	Water and Society	
EES 340	Geographic Information Systems with Laboratory	

EES 344	Sedimentology and Stratigraphy with Laboratory	
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 203 <sup>!</sup>	Introduction to Writing Literary Criticism	3
ENG 223	Survey of American Literature	3
LSM 400 <sup>!!</sup>	Senior Seminar in Liberal Studies	3

### **Creative Writing**

Choose one:

ENG 205	Introduction to Creative Writing	3
ENG 206	Multimodal Writing Workshop	3
ENG 207	Forms in Creative Writing	3
ENG 209	Writing for Children and Young Adults	3
ENG 230	Reading and Writing Electronic Literature	3
ENG 241	Critical and Creative Thinking	3
ENG 353	Storytelling	3
ENG 369	Cultural Studies and Creative Writing	3
ENG 372	Creative Writing Abroad	3
ENG 380	Creative Nonfiction	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

### **Rhetoric and Composition**

Choose one:

ENG 204	Introduction to Writing Studies	3
ENG 271	Classical Rhetoric, Modern Contexts	3
ENG 272	Introduction to Rhetorical Criticism	3
ENG 273	Introductory Topics in Rhetoric and Composition	3
ENG 306	Digital Rhetorics and Literacies	3
ENG 370	Composition Theory and Pedagogy	3
ENG 371	Rhetoric and Cultural Studies	3
ENG 373	Studies in Rhetoric and Composition	3
ENG 374	Rhetoric of the Hollywood Film	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 Methods 3

Choose one:

HIS 230 European History Before 1500 3

HIS 231 European History Since 1500 3

Choose one History course at the 300-level in a Non-U.S. History area 3

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 200 4

@@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<sup>ss</sup>**

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<sup>%</sup> Applied Probability and Statistics 4

MAT 362 Advanced Mathematics for Elementary

School Technology 3

LSM 400<sup>%</sup> Senior Seminar Liberal Studies 3

<sup>ss</sup>Math students take MAT 315 instead of 217. This course is included in the course for the Math concentration, so Math students take 31 credits of core courses.

<sup>%</sup>meets Stage 2 University Writing Requirement for Mathematics Concentration

<sup>%%</sup>meets Stage 3 University Writing Requirement for Mathematics Concentration

### **NATURAL SCIENCE CONCENTRATION**

AST 226 Introduction to the Solar System 3

BIO 200 Ecology and the Environment 3

BIO 202 Human Biology Lecture 3

EES 205 Sustainable Energy and the Environment 3

LSM 250~ Science Writing 3

PHY 217 Meteorology 3

LSM 400~~ Senior Seminar in Liberal Studies 3

~meets Stage 2 University Writing Requirement for Natural Science Concentration  
~~meets Stage 3 University Writing Requirement for Natural Science Concentration

### **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 student 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**

**Mathematical Sciences Department**

**Department Chair: Marsha Davis**

**Assistant Chair: Megan Heenehan**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

### **Objectives**

The Mathematical Sciences department offers students a mathematics major with five concentrations, all recently updated and 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 current 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 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 courses, either a minimum grade of C in each course or a minimum average of C+ must be earned in all courses. Students majoring in Mathematics may substitute MAT 315 Applied Probability and Statistics for their Tier II Information Technology requirement.

### **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

\*approved reuse to meet Liberal Arts Core Tier I Mathematics

\*\*approved substitution to meet Liberal Arts Core Tier II Applied Information Technology

^meets Stage 2 University Writing Requirement

^^meets Stage 3 University Writing Requirement

## **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 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



	LAC Tier I Requirements	8-20
	<b>Total for Year</b>	<b>30 credits</b>
<b>Second Year</b>		
MAT 244	Calculus II with Technology	4
MAT 320	Number Theory	3
MAT 340	Calculus III with Technology	4
MAT 380	Geometry	3
	LAC Tier I & II Requirements	10-16
	Foreign Language	0-6
	<b>Total for Year</b>	<b>30 credits</b>
<b>Third Year</b>		
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
<b>Total for Year</b>	<b>30 credits</b>	
<b>Fourth Year</b>		
MAT 420	Real Analysis I	4
MAT 421	Real Analysis II	3
MAT 3**	Mathematics Elective	3
	General Electives or Minor	17
	<b>Total for Year</b>	<b>30 credits</b>

## **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 internships. Students in this concentration may also count CSC 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
	LAC Tier I 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
	LAC Tier I & II Requirements	10-16
	Foreign Language Requirement	0-6
	<b>Total for Year</b>	<b>30 credits</b>

**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
	<b>Total for Year</b>	<b>34 credits</b>

**Fourth Year**

MAT 420	Real Analysis I	4
MAT 400	Abstract Algebra	3
MAT 3**	Mathematics Elective	3
	EDU CORE III and IV	18-21
	<b>Total for Year</b>	<b>28-31 credits</b>

**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
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

***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

### 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
	LAC Tier I Requirements	8-20
<b>Total for Year</b>		<b>30 credits</b>

##### 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
	LAC Tier I & II Requirements	10-16
	Foreign Language	0-6
<b>Total for Year</b>		<b>30 credits</b>

##### Third Year

MAT 310	Applied Linear Algebra	3
MAT 315	Applied Probability and Statistics	4
MAT 3**	Mathematics Electives	6
CSC 210	Computer Science and Programming I	3
	General Electives or Minor	14
<b>Total for Year</b>		<b>30 credits</b>

##### 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
<b>Total for Year</b>		<b>30 credits</b>

### 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
CSC 210	Computer Science and Programming I	3

Choose one:		3
CSC 305	Data Mining and Applications	
MAT 343	Explorations in Data Analytics	
Choose one:		3
MAT 320	Number Theory	
MAT 380	Geometry	
Choose one pair of courses:		
ECO 200	Principles of Macroeconomics	3
and		
ECO 201	Principles of Microeconomics	3
<b>or</b>		
BUS/FIN 245	Business Finance	3
and		
BUS/FIN 346	Investment Analysis	3
<b>or</b>		
ECO 305	Introduction to Econometrics	3
and		
ACC 201	Principles of Accounting I	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	0-5
MAT 243	Calculus I with Technology	4
MAT 230	Discrete Structures	3
ENG 100/P	College Writing/Plus	3-5
	LAC Tier I Requirements	8-20
	<b>Total for Year</b>	<b>30 credits</b>

#### Second Year

MAT 244	Calculus II with Technology	4
MAT 320/380	Number Theory or Geometry	3
MAT 340	Calculus III with Technology	4
CSC 210	Computer Science and Programming I	3
	LAC Tier I & II Requirements	10-16
	Foreign Language	0-6
	<b>Total for Year</b>	<b>30 credits</b>

#### 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	Data Mining and Applications		3
General Electives or Minor		17	
<b>Total for Year</b>			<b>30 credits</b>

## **B.S. DATA SCIENCE COCNCENTRATION**

### **Required Courses**

MAT 342	Explorations in Data Science		3
MAT 421	Real Analysis II		3
CSC 210	Computer Science and Programming I		3
CSC 231	Computer Science and Programming II		3
Choose one:			3
CSC 305	Data Mining and Applications		
MAT 343	Explorations in Data Analytics		
Choose one:			3
MAT 320	Number Theory		
MAT 380	Geometry		

### **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	Probability		3
MAT 360	Topics in Mathematics		3
MAT 373	Explorations in Mathematical Biology		3
MAT 374	Explorations in Topic		3
CSC 314	Introduction to Bioinformatics		3
CSC 315	Genomic Data Analysis		3
CSC 360	Topics in Computer Science		3
ECO 305	Introduction to Econometrics		3

#### ***Category B***

MAT 341	Differential Equations		3
MAT 345	Optimization		3
MAT 350	Numerical Analysis		3
MAT 370	Operations Research		3
MAT 371	Explorations in Graph Theory		3
MAT 374	Explorations in Topic		3
MAT 400	Abstract Algebra		3
MAT 440	Topology		3
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	Computer Science and Programming I		3
ENG 100/P	College Writing/Plus		3-5

	LAC Tier I Requirements	13-20
	<b>Total for Year</b>	<b>30 credits</b>
<b>Second Year</b>		
MAT 230	Discrete Structures	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	Computer Science and Programming II	3
	LAC Tier I & II Requirements	10-16
	Foreign Language	0-6
	<b>Total for Year</b>	<b>30 credits</b>
<b>Third Year</b>		
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 Applications	3
	General Electives or Minor	14
<b>Total for Year</b>	<b>30 credits</b>	
<b>Fourth Year</b>		
MAT 420	Real Analysis I	4
MAT 421	Real Analysis II	3
MAT 3**	Mathematics Concentration Elective	6
General Electives or Minor		17
<b>Total for Year</b>		<b>30 credits</b>

### 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**

## **Performing Arts Department**

**Music Department Coordinator: Okon Hwang**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

Success in a collegiate music program requires dedication, personal drive and an appropriate level of previous musical training and/or experience. The Bachelor of Arts degree in music at Eastern Connecticut State University strives to create an educational community where aspiring performers, composers and scholars can develop their talents in a supportive environment while receiving individualized mentoring and advising. In addition to the Bachelor of Arts in Music, Eastern offers a Music Minor with concentrations in Performance, Musicology: History, Composition and Criticism, and Music Industry and Leadership.

The Music program is housed in the new, state-of-the-art Fine Arts Instructional Center. The building features beautifully designed performance spaces, rehearsal rooms, teaching studios and numerous academic classrooms and public spaces.

Only grades of 'C' or better will count toward the major.

### **Core Curriculum (30 credits)**

The following courses are required of ALL Music Majors, regardless of Concentration:

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 309	Music Theory III	3
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
MUS 490^^	Senior Project in Music	3
Choose one course:		3
MUS 302^	American Popular Music	
MUS 303^	Music and the Art of Environment	
MUS 345^	Choral Masterworks	

Four semesters (4 credits) of large ensemble experience to be chosen from the following:

MUS 103	Chorus	1
MUS 107	Concert Band	1

**All Music Majors must successfully complete the Keyboard Proficiency Exam prior to graduation.**

### **Concentration Requirements**

Music Majors will choose a concentration from: Performance, Music Industry and Leadership, and Musicology: History, Composition, and Criticism.

#### **PERFORMANCE CONCENTRATION**

MUS 395	Practicum in Music	1
11 credits from the list below (at least 6 of these credits must be MUS 456)		
MUS 220	Introduction to Conducting	3
MUS 240	Introduction to Diction for Singers	1
MUS 320	Advanced Conducting	3
MUS 340	Advanced Diction for Singers	1
MUS 356	Individual Music Instruction	1.5 or 3
MUS 365	Special Topics in Music	3
MUS 480	Independent Study in Music (when topically appropriate)	1-6
3 credits chosen from another concentration		

#### **Music Industry and Leadership Concentration**

MUS 301	Intermediate Music Production and Technology	3
MUS 361	Leadership in Music Organizations	3
Three credits from:		
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	1-6
3 credits chosen from another concentration		

#### **Musicology: History, Composition, and Criticism Concentration**

12 credits chosen from the following courses

MUS 301	Intermediate Music Production and Technology	3
MUS 304	Music of the 20 <sup>th</sup> 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 (when topically appropriate)	1-6
3 credits chosen from another concentration		

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

# NEW MEDIA STUDIES

Computer Science Department

Department Chair: Sarah Tasneem

Program Coordinators: Garrett Dancik and Jordan Youngblood

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

Students in Eastern's New Media Studies Major, unique with Connecticut's state universities, will take courses across several disciplines – computer science, performing arts, communication, visual arts and more – as they prepare for careers in digital motion graphics, web development/design, game and app design, digital audio/video production, 2-D and 3-D animation, social media and digital art. Coursework includes conceptual and hand-solving skills while also developing competencies in digital media. Students will also learn about legal and ethical considerations surrounding new media.

New Media Studies students complete 17-20 credits of Core Requirement courses drawn from five disciplines, 15 credits of course drawn from at least three Interdisciplinary Explorations categories, 15-17 credits of a chosen concentration, and a capstone course of three or four credits, for a total of 49 – 56 credits

## Core Requirements

NMS 110*	Introduction to New Media	3
NMS 220	NMS Second Year Inquiry Seminar	1
ART 124	Digital Imaging and Online Media	3
CSC 110#	Introduction to Computing and Problem Solving	3
CSC 249***	Visual Basic.NET	3
ENG 206****^	Multimodal Writing Workshop	4
THE 180**	Performance in Context (when topic is New Media)	3

#CSC 110 may be waived for students with 600 or above on SAT-Math exam.

\*approved substitution to meet Liberal Arts Core Tier I Social Sciences

\*\*approved reuse to meet Liberal Arts Core Tier I Arts in Context

\*\*\*approved reuse to meet Liberal Arts Core Tier II Applied Information Technology

\*\*\*\*approved substitution to meet Liberal Arts Core Tier II Creative Expression

^meets Stage 2 University Writing Requirement

## Interdisciplinary Explorations

Students select five courses in at least three categories.

### **Category I: Cultural Representations**

ART 233	Graphic Design History	4
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COM 215	Media Aesthetics	3
COM 252	Social Media Strategies	3
ENG/FLM 359	Film Theory	3
THE 375	Contemporary World Theatre and Performance	3

***Category II: Digital Applications***

ART 213	Creating Information Graphics	3
COM 220	TV II – Video Field Production	3
CSC 210	Computer Science and Programming I	3
CSC 220	Visualizing for Visual Thinking	3
EES 300	Basics of Geographic Information Systems	3
THE 345	Programming for Interactive Design	3

***Category III: Interactivity***

ART 310	Web Design I	3
ART 343	Introduction to 3D Animation	3
CSC 212	Computer Game Design and Visualization	3
PSC 333	Constructing Political Ads	3
THE 285	Intermedial Performance Design I	3

***Category IV: Sound and Image***

ART 122	Digital Illustration and Page Layout	3
ART 203	Graphic Design I	3
MUS 250	Electronic Music I	3
MUS 307	Film Music in History and Culture	3
THE 261	Visual Storytelling	3
THE 281	Sound Technology and Design	3

***Category V: Texts and Contexts***

ENG 241	Critical and Creative Thinking	3
ENG 374	Rhetoric of the Hollywood Film	3
PSC 325	Politics and the Mass Media	3
THE 260	History/Theory of Performance Media	3

**Disciplinary Concentrations**

Students complete 18-20 credits in one concentration, including Stage 3 Writing Intensive and Tier III LAC/capstone course.

**DIGITAL MEDIA DESIGN CONCENTRATION**

A portfolio demonstrating artistic capability and basic software skills is required for enrollment in advanced courses in the concentration. It is strongly recommended that students submit their portfolio within the first three semesters. The portfolio envelope and instructions are available in the Art & Art History office.

**Required Courses**

ART 329	Graphic Design II	3
ART 335	Graphic Design III	3
ART 402^^	Issues in Contemporary Art	4

### **Concentration Electives**

Select six credits:

ART 325	2D Animation	3
ART 326	User Interface & Interaction Design	3
ART 332	Photo Imaging: Art & the Digital Camera	3
ART 342	Illustration II	3
ART 351	Motion Graphic Design	3
ART 403	Advanced 3D Animation	3
ART 412	Web Design II	3
ART 490	Internship	1-6

### **Capstone Course**

Choose one:

ART 432	Eastern Design Group	3
ART 436	Graphic Design IV	3
ART 487	Senior Project in New Media Studies	3
NMS 440	Interdisciplinary Signature Work	3

## **INTEGRATED COMMUNICATION MEDIA CONCENTRATION**

### **Required Course**

COM 350^^	Communication Writing	3
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### **Concentration Electives**

Select 12-14 credits:

ART 351	Motion Graphic Design	3
COM 245	Digital/Analog Audio Production: Radio/Video/Internet	3
COM 310	Advanced Photography	4
COM 320	Television Production III	3
COM 351	Journalism Principles	3
COM 352	Emergent Media Reporting	3
COM 358	Scriptwriting & Presentation	3
COM 380	Dramatic Video: Single-Camera Video Production	4
COM 430	Non-Linear Editing	3
COM 435	Documentary Production	3
COM 440	Workshop in Radio and Audio	3
COM 490	Internship	1-6

### **Capstone Course**

Choose one:

COM 474	Experimental Digital Media Production	3
NMS 440	Interdisciplinary Signature Work	3

## **MEDIA COMPUTATION CONCENTRATION**

### **Required Course**

CSC 231	Computer Science and Programming II	3
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### **Concentration Electives**

Select 12 credits:

CSC 230	Discrete Mathematics for Computer Science	3
CSC 270	Data Structures	3
CSC 305	Data Mining and Applications	3
CSC 311	Computer & Video Game Development	3
CSC 335	Algorithm Design and Analysis	3
CSC 341	Database and Information Management	3

### **Capstone Course**

Choose one:

CSC 450^^	Senior Research	3
NMS 440	Interdisciplinary Signature Work	3

### **MULTIMEDIA WRITING, FORM, & ANALYSIS CONCENTRATION**

Select 15 credits:

ENG 207	Forms in Creative Writing (when NMS topic)	3
ENG 230	Reading and Writing Electronic Literature	3
ENG 237	Re-Presenting Books: Encoding Electronic Texts	3
ENG 306	Digital Rhetorics and Literacies	3
ENG 360	Digital Game Studies	3
ENG 362	Writing for Digital Environments	3
ENG 363	Copyright in the Digital Age	3
ENG 365	Topics in Literature/Language (when NMS topic)	3
ENG 373	Studies in Rhetoric & Composition	3
ENG 383	Literary Publishing	3

### **Capstone Course**

Choose three credits:

ENG 499^^	Directed Research	3
NMS 440	Interdisciplinary Signature Work	3

### **PERFORMANCE MEDIA CONCENTRATION**

#### **Required Courses**

THE 176	Fundamentals of Theatre Design	3
THE 351^^	Adaptation/Media/Performance	3

### **Concentration Electives**

Select 9 credits:

MUS 355	Music with and Edge	3
MUS 372	Multimedia Composition	3
THE 277	Computerized Drafting	3
THE 280	Theatre Lighting Technology and Design	3
THE 283	Sound Art	3
THE 385	Intermedial Performance Design 2	3

### **Capstone Course**

Choose 3 credits:

THE 474	Experimental Theatre: Theory and Performance	3
NMS 440	Interdisciplinary Signature Work	3

^^meets Stage 3 University Writing Requirement

## PHILOSOPHY

**Political Science, Philosophy and Geography Department**

**Department Chair: Martin Mendoza-Botelho**

**Assistant Chair: Ana Funes-Mederey**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

### **Objectives**

Many questions about the world, life, ourselves and our relationship with others cannot be responded 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 in 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.

No more than two grades counting toward the major can be below a C.

### **Required Courses**

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**

Choose eight:

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 235	Islam	3
PHI 265	Topics in Philosophy	3
PHI 310	Philosophy and Psychology of Religion	3
PHI 312	Comparative Mysticism	3
PHI/PSC 314	Modern Social and Political Thought	3
PHI/PSC 316	Ancient Political Thought	3
PHI 330	Existentialism and Phenomenology	3
PHI 340	The Philosophy of War	3
PHI 360**	Global Ethics	3
PHI 365	Topics in Philosophy	3
PHI 371	Jainism: Nonviolence and Love	3
PHI 400	Peace & Human Rights Seminar	3
PHI 420	Philosophy of Science	3
PHI 480	Independent Study	3

\*approved reuse to meet Liberal Arts Core Tier I Literature and Thought

\*\*approved reuse to meet Liberal Arts Core Tier II Individuals and Societies

^meets Stage 2 University Writing Requirement

^^meets Stage 3 University Writing Requirement

# **PHYSICAL EDUCATION**

**Kinesiology and Physical Education Department**

**Department Chair: Gregory Kane**

**Assistant Chair: Darren Robert**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

### **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 and Kinesiology and Physical Education Departments is responsible for the admission process and also monitors student progress after admission. Students must have a 3.0 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 in all Sport and Leisure Management major courses. Passing PRAXIS I and having a 3.0 GPA in all courses are required to qualify for upper division Physical Education Teacher Education courses.

### **Required Courses**

EDU 200	Child and Adolescent Development and Exceptionalities	3
EDU 210	Foundations of U.S. Education	3
HPE 210*	Personal Health	3
HPE 230	Introduction to Physical Education	3
HPE 240	Introduction to Curriculum Materials in Physical Education	3
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, Stunts and Tumbling	3
HPE 401	Motor Development	3
HPE 411^^	Sports in American Society	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 – Elementary School PE	3
HPE 445	Teaching, Organization, Administration - Secondary PE	3
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, Students in the Physical Education Studies Concentration must complete a minor.

Choose one course (3 credits):

HPE 490	Departmental Internship in Physical Education	3
HPE 491	University Internship in Physical Education	3

\*approved substitution to meet Liberal Arts Core Tier I Health and Wellness

\*\*approved substitution to meet Liberal Arts Core Tier II Natural Science

^meets Stage 2 University Writing Requirement

^^meets Stage 3 University Writing Requirement

# POLITICAL SCIENCE

**Political Science, Philosophy, and Geography Department**

**Department Chair: Marin Mendoza-Botelho**

**Assistant Chair: Ana Funes-Mederey**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

## 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 13 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 18 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.

Thirty hours of courses applied toward the major may not be used to satisfy any other University requirement. Hours applied to the major above 30 may also be used to satisfy requirements for a second major or minor. Six credits of political science courses can double count in the LAC and the major.

## Track I: Political Science

### Required Courses

PSC 110*	American Government and Politics	3
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Choose one:



PSC 140*	International Relations	3
PSC 220	Democratic Theory	3
PSC 201^	Applied Qualitative Research Methods	3
PSC 202	Applied Quantitative Research Methods	3
PSC 208**	Global Politics	3
PSC 460^^	Seminar in Political Science	3

Choose one option:

Political Science Internship	3
Study Abroad	

### **Electives in U.S. Government and Politics**

Choose two:

PSC 200	State and Local Politics and Government	3
PSC 205	Public Administration	3
PSC 215	Political Parties and Elections	3
PSC 216	Interest Group Politics	3
PSC/WST 227	Women and Politics	3
PSC 300	Ideological Divisions in the U.S.	3
PSC 325	Politics and the Mass Media	3
PSC/WST 326	Politics of Race, Class, and Gender	3
PSC 330	The Presidency	3
PSC 333	Constructing Political Advertisements	3
PSC 335	Legislative Politics	3
PSC 339	Constitutional Law I: Powers and Process	3
PSC 340	Constitutional Law II: Civil Liberties	3
PSC 341	Judicial Process	3
PSC 345	Electoral Politics	3
PSC 350	Public Policy and Decision-Making	3
PSC 351	Environmental Politics and Policy	3
PSC 353	Natural Resource Politics	3

PSC 480	Independent Study (when topically appropriate)	3-6
PSC 490	Municipal Government Internship	1-15
PSC 491	State Government Internship	1-15
PSC 492	Law Internship	1-15
PSC 493	National Government Internship	3-15
PSC 495	State/Local/Law Internship	3-15

### **Electives in Comparative Politics and International Relations**

Choose two:

PSC 140	International Relations	3
PSC 230	Middle East Politics	3
PSC 250	Asian Politics	3
PSC 270	Former Soviet Union	3
PSC 275	Media and Internet in Politics	3
PSC/CAS 305	Comparative Public Administration	3
PSC 310	European Politics	3
PSC 311	International Development	3
PSC 320	American Foreign Policy	3
PSC 323	Democratization	3
PSC/LAS 328	Latin American Politics	3
PSC/GEO 338	Geopolitics	3
PSC 352	Global Environmental Politics	3
PSC 355	The Nuclear Threat and Peaceful Change	3
PSC 357	Nationalism and Imperialism	3
PSC 480	Independent Study (when topically appropriate)	3-6
PSC 494	International Internship	3-15

### **Electives in Methods and Political Theory**

Choose one:

PSC 209	Democracy, Power and Criticism	3
PSC 212	Political Science Statistics	3

PSC 220	Democratic Theory	3
PSC 225	Organizational Theory	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 370	Human Rights: Natural and Civil	3
PSC 400	Political Inquiry	3
PSC 480	Independent Study (when topically appropriate)	3-15

### **General Electives**

Choose any two courses from the above three elective categories.

### **Track II: Political Science and Social Studies**

This track is meant to facilitate students seeking certification to teach high school social studies.

Students can only choose this option with the permission of the political science program.

### **Required Courses**

PSC 110*	American Government and Politics	3
PSC 140*	International Relations	3

Choose one:

PSC 201^	Applied Qualitative Research Methods	3
PSC 202	Applied Quantitative Research Methods	3
PSC 460^^	Seminar in Political Science	3

### **Electives in U.S. Government and Politics**

Choose two:

PSC 200	State and Local Politics and Government	3
PSC 205	Public Administration	3
PSC 215	Political Parties and Elections	3
PSC 216	Interest Group Politics	3
PSC/WST 227	Women and Politics	3
PSC 300	Ideological Divisions in the U.S.	3
PSC 325	Politics and the Mass Media	3

PSC/WST 326	Politics of Race, Class, and Gender	3
PSC 330	The Presidency	3
PSC 333	Constructing Political Advertisements	3
PSC 335	Legislative Politics	3
PSC 339	Constitutional Law I: Powers and Process	3
PSC 340	Constitutional Law II: Civil Liberties	3
PSC 341	Judicial Process	3
PSC 350	Public Policy and Decision-Making	3
PSC 351	Environmental Politics and Policy	3
PSC 353	Natural Resource Politics	3

### **Electives in Comparative Politics and International Relations**

Choose one:

PSC 230	Middle East Politics	3
PSC 250	Asian Politics	3
PSC 270	Former Soviet Union	3
PSC 275	Media and Internet in Politics	3
PSC/CAS 305	Comparative Public Administration	3
PSC 310	European Politics	3
PSC 311	International Development	3
PSC 320	American Foreign Policy	3
PSC 323	Democratization	3
PSC/LAS 328	Latin American Politics	3
PSC/GEO 338	Geopolitics	3
PSC 352	Global Environmental Politics	3
PSC 355	The Nuclear Threat and Peaceful Change	3

### **Electives in Methods and Political Theory**

Choose one:

PSC 209	Democracy, Power and Criticism	3
PSC 212	Political Science Statistics	3

PSC 220	Democratic Theory	3
PSC 225	Organizational Theory	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

**Electives in Social Studies Certification Courses**

Choose four:

Choose one:

ANT 106	Cultural Anthropology	3
ANT 221	Native Americans	3
ANT 337	Urban Anthropology	3

Choose one:

ECO 100	Political Economy of Social Issues	3
ECO 200	Principles of Macroeconomics	3

GEO 100

Choose one:

HIS 121	The Recent American Experience 1877 to Present	3
HIS 221	Native American History	3
HIS 310	Great Issues: A Survey of American History	3
HIS 231	Western Civilization Since 1500	3
PSY 100	Introduction to Psychology	3
SOC 100	Introduction to Sociology	3

\*approved reuse to meet Liberal Arts Core Tier I Social Sciences

\*\*approved reuse to meet Liberal Arts Core Tier II Individuals and Societies

^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 110	American Government and Politics	3
PSC 140	International Relations	3
PSC 208	Comparative Politics	3
	<b>Total for Year</b>	<b>30 credits</b>

### 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
	<b>Total for Year</b>	<b>30 credits</b>

### Third Year

	Liberal Arts Core Requirements	4-7
PSC 2xx/3xx	Major Electives	12
	Minor Requirements	3-6
	General Electives	5-18
	<b>Total for Year</b>	<b>30 credits</b>

### 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
	<b>Total for Year</b>	<b>30 credits</b>

# PSYCHOLOGY

Psychological Sciences Department

Department Chair: James Diller

Assistant Chair: Lyndsey Lanagan-Leitzel

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

## 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 2013 standards of undergraduate education. To that end, the Department of Psychological Science is committed to supporting faculty who deliver high quality teaching, create research opportunities and foster close student -faculty mentorship.

## 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 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 46 credits in psychology, exclusive of PSY 100.
- 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 Developmental Psychology, Industrial-Organizational Psychology, Behavior Analysis 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 PSY 100 or Special Program courses in the calculation of the GPA. Students are therefore not allowed to use PSY 100, 480, 490, 491, 496, 497, or 498 in computing this required GPA. It is further noted that students should maintain a minimum 3.0 GPA in the major to be considered for graduate studies in psychology.

- 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 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 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.

**Research**

Choose one:

PSY 402	Current Research in Child Psychology	3
PSY 409	Current Research in Psychology	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	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	Abnormal Psychology	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

### **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 319	Human Sexuality	3
PSY 325	Health Psychology	3
PSY 330	Evolutionary Psychology	3

PSY 407	Radical Behaviorism	3
PSY 410	Psychological Tests and Measurements	3
PSY 450	Counseling and Clinical Psychology	3
PSY 460	Seminar 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 as electives.

### **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.

### **Research**

Choose one:

PSY 402	Current Research in Child Psychology	3
PSY 409	Current Research in Psychology	3

### **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	Abnormal Psychology	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

### **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 Courses**

PSY 303	Industrial and Organizational Psychology	3
PSY 409	Current Research in Psychology	3

### **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 318                      Sensation and Perception                      3

PSY 418                      Physiological Psychology                      3

PSY 430                      Human Neuropsychology                      3

**Specialized Courses**

Choose two:

PSY 203                      Groups and Teams                      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	Abnormal Psychology	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

### **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. (The program is certified by the Behavior Analyst Certification Board.) 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 15 credits of required courses ranging from ethics for behavioral analysis to sustainable behavior, 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	1
PSY 246	Single-Subject Research	3

PSY 316	Applied Behavior Analysis	3
PSY 407	Radical Behaviorism	3
PSY 417	Topics in Behavior Analysis	3

### **Research**

Choose one:

PSY 402	Current Research in Child Psychology	3
PSY 409	Current Research in Psychology	3

### **Biological Bases of Behavior**

Choose one:

PSY 318	Sensation and Perception	3
PSY 418	Physiological Psychology	3
PSY 430	Human Neuropsychology	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	Abnormal Psychology	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 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

### **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.



### **Research**

Choose one:

PSY 402	Current Research in Child Psychology	3
PSY 409	Current Research in Psychology	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

### **Individual Differences**

Choose one:

PSY 301	Abnormal Psychology	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 418	Physiological Psychology	3
PSY 430	Human Neuropsychology	3

### **Clinical and Counseling**

Choose one:

PSY 450	Counseling and Clinical Psychology	3
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PSY 455	Child Counseling and Clinical Psychology	3
PSY 410	Psychological Tests and Measurements	3
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 309	Attraction and Relationships	3
PSY 315	Psychology of Gender	3
PSY 316	Applied Behavior Analysis	3
PSY 319	Human Sexuality	3
PSY 320	Theories of Personality	3
PSY 325	Health Psychology	3
PSY 330	Evolutionary Psychology	3
PSY 345	Family Psychology	3
PSY 407	Radical Behaviorism	3
PSY 421	Culture and Psychology	3
PSY 435	Controversies in Child 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 498	Research and Field Experience	1-6

\*approved substitution to meet Liberal Arts Core Tier II Individuals and Societies

^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 Behavior Analyst Certification Board (BACB, Inc.) as meeting the coursework requirements for eligibility to take the Board Certified Assistant Behavior Analyst Examination (see [www.BACB.com](http://www.BACB.com)):

PSY 205	Principles of Learning
PSY 216	Ethics for Behavior Analysis
PSY 316	Applied Behavior Analysis
PSY 407	Learning II
PSY 416	Sustainable Behavior

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.

## **Cognitive Neuroscience Individualized Major**

The Psychology Department, in conjunction with several other departments, offers an individualized major in Cognitive Neuroscience. Cognitive neuroscience explores the relationship between the brain, cognitions (thought processes), emotions and behaviors using a variety of methods. Some examples of the different disciplines and areas of research include but are not limited to psychology, biology, biochemistry, mathematics and computer science. Students seeking the Cognitive Neuroscience Individualized Major should contact Professor Margaret Letterman, the major coordinator, to develop a plan of study.

## **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 Psychology Department web page.

## **Honors in Psychology**

The Psychology Department 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, including CSU Psychology Day.

**Highest Distinction requires satisfaction of the above criteria, as well as:**

- Scoring in the 80<sup>th</sup> percentile of 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 (excluding CSU Psychology Day)

Please contact Professor Peter Bachiochi for more information. Qualifications can be found on the Psychological Sciences department web page.

# SECONDARY EDUCATION CERTIFICATION

Education Department  
 Department Chair: Sudha Swaminathan  
 Assistant Chair: Mark Fabrizi

**Requirements accurate as of November 1, 2020**  
**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

Updated information about the Secondary Education program can be found at [www.easternct.edu/education/advisement](http://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/](http://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, interest, 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. Student 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](http://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 of 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 [easternct.tk200.com/campustoolshighered/start/do](http://easternct.tk200.com/campustoolshighered/start/do).
- 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](http://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](http://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 and Exceptionalities	3
EDU 210 or EDU 357	Foundations of U.S. Education or International Cross-cultural Education	3
EDU 250	Applied Information Technology for Educators	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 and Secondary Classrooms	3
EDU 301	Clinical Experience	1
EDU 404	Educational Assessment	3

#### **CORE II (taken as a block) (Spring only)**

EDU 308	Inclusive Secondary Classrooms	3
EDU 401	Clinical Experience	1
EDU 405	Second Language Acquisition and Strategies	1
EDU 410	Content Area Reading and Writing or	3

(not required for Secondary English)

or EDU 414 Literacy Development for Secondary English

**Core III (taken as a block)** (Fall only)

EDU 451 Pre-student Teaching (Secondary Schools) 3

And one of the following according to major: 3

EDU 460 Principles of Teaching Biology and  
Environmental Earth Science

EDU 462 Principles and Practices of Teaching English

EDU 463 Principles and Practices of Teaching History/Social Studies

EDU 464 Principles and Practices of Teaching Mathematics

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 Classroom Management and Assessment in the  
Secondary School 3

EDU 471 Student Teaching (Secondary Schools) 6-9

**Total 30-33 credits**

English majors must complete the following special requirements as part of their program: \*

ENG 203 Writing for English Majors 3

ENG 329 Adolescent Literature 3

ENG 340 History and Development of the English Language 3

ENG 341 Modern American Grammar 3

ENG 370 Composition, Theory and Pedagogy 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, EES 315, EES 222, EES 204, or EES 205.

ECO 200 Macroeconomics

GEO 100 Introduction to Geography

PSC 110	American Government and Politics
PSY 100	General Psychology
SOC 100	Introduction to Sociology

**Required History Courses (besides others to fulfill the major) are:**

Course in Non-Western History. Choose one from HIS 115, HIS 116, HIS 255 or HIS 275

HIS 120	Early American History
or HIS 121	Recent American History
HIS 200	Historical Research and Writing
HIS 230	European History Before 1500
or HIS 231	European History Since 1500

**Additional requirement for mathematics for secondary certification program:**

MAT 372	Advanced Mathematics for High School Teaching
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**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 133<sup>rd</sup> chapter of the society.

# **SOCIAL WORK**

**Sociology, Anthropology, Criminology, and Social Work Department**  
**Department Chair: Cara Bergstrom-Lynch**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

**Mission**

The Social Work Program of Eastern Connecticut State University prepares bachelor-level generalist social work professionals to competently and effectively advance social justice and human rights. Ready for professional practice and graduate study upon graduation, our students promote human well-being by employing practice skills that are grounded in social work's body of knowledge and professional values. Students are ready to serve diverse client populations, especially those most vulnerable and oppressed. The social work program improves the lives of people of the region and

state by increasing the number of effective social work practitioners who serve our residents. 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](http://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 in order 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 Phi Alpha include an overall University grade point average of 3.0 or better and at least 3.5 in social work courses.

### **Required Courses and Recommended Course Sequence**

Freshman/Sophomore years (Pre-Social Work Major): 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: PSC110 American Government and Politics and 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, Human Rights, & Social Justice	3

\*approved substitution to meet Liberal Arts Core Tier II Applied Information Technology

\*\*approved substitution to meet Liberal Arts Core Tier II Individuals and Societies

^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: Cara Bergstrom-Lynch**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

## **Objectives**

The Sociology major is designed to contribute to the overall intellectual and personal development of liberal arts students and provide them with backgrounds useful for careers in a variety of fields. Graduates are employed in community, business, and organizational settings, and attend graduate school in sociology, social work, law and other fields. Practicum and internship courses give students an opportunity to gain experience in one or more field placement settings to complement classroom instruction.

## **Admission to the Program**

Students wishing to major in Sociology should contact the department chairperson prior to the junior year to facilitate planning a sequence of required and elective courses. Transfer students should contact the chairperson of the department when they request admission to the University.

## **Required Courses**

SOC 100	Introduction to Sociology	3
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SOC 201	Introduction to the Sociology Major	1
SOC 300	Sociological Theory	3
SOC 350 <sup>^</sup>	Methods of Social Research	4
SOC 351	Statistics for Social Research	4
SCO 400 <sup>^^</sup>	Senior Seminar	4

### **Major Electives\***

Choose 18 credits of electives, up to six of which may be from ANT and CRM, the remainder must be SOC courses.

\*any SOC/ANT course designated as such is an approved reuse to meet Liberal Arts Core Tier II Cultural Perspectives

\*any SOC/ANT course designated as such is an approved reuse to meet Liberal Arts Core Tier II Individuals and Societies

<sup>^</sup>meets Stage 2 University Writing Requirement

<sup>^^</sup>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 which 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 Tier I	18-27
<b>Total for Year</b>		<b>30 credits</b>

#### **Second Year**

SOC 201	Introduction to the Sociology Major	1
	Foreign Language	0-6
SOC XXX	One or two Sociology Electives	3-6
	Liberal Arts Core Tier II	12-21



<b>Total for Year</b>		<b>30 credits</b>
<b>Third Year</b>		
SOC 300	Sociological Theory	3
SOC 350	Methods of Social Research	4
SOC XXX	One or two Sociology Electives	3-6
	Liberal Arts Core or General Electives	17-20
<b>Total for Year</b>		<b>30 credits</b>
<b>Fourth Year</b>		
SOC 351	Statistics for Social Research	4
SOC 400	Senior Seminar	4
SOC XXX	Sociology Electives	8-12
	Liberal Arts Core or General Electives	10-14
<b>Total for Year</b>		<b>30 credits</b>

# SPANISH

**World Languages and Cultures Department**  
**Department Chair: Kin Chan**

**Requirements accurate as of November 1, 2020**  
**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

## **Objectives**

The Department of World Languages and Cultures (formerly the Department of Modern and Classical Languages) seeks to promote an understanding and appreciation of other civilizations and cultures. Language courses at Eastern provide rigorous training, stressing proficiency in all linguistic skills. Offerings also include culture, literature, civilization and cinema courses in classes conducted in the target language and in English. Class size allows close contact between students and faculty. Students gain professional skills that will prepare them to enter a wide range of careers. Students may become teachers, prepare for graduate study or combine their language with majors or minors in other disciplines to compete successfully in many fields, e.g., business, publishing, government or social work.

## **Major: Spanish**

Candidates complete a planned program of 36 credits in Spanish, exclusive of introductory-level courses. Courses are chosen in consultation with the major advisor, and areas of emphasis will depend on the student's preference and objectives. Elective courses in related areas are also chosen in conjunction with the advisor.

An internship program provides advanced students with the opportunity to assist professors at Eastern in introductory and intermediate courses while receiving academic credit. Students may choose a field-experience program in which they work as aides in language classes in the local school systems. They may also receive academic credit for work in other community-based social agencies/businesses or may participate in co-op programs in the United States or abroad.

**Required Courses**

SPA 210	Intermediate Spanish I	3
SPA 211	Intermediate Spanish II	3
SPA 310	Advanced Spanish I	3
SPA 311	Advanced Spanish II	3
SPA 316	Spanish Civilization	3
SPA 318	Latin American Civilization	3
SPA 320^^	Spanish Literature I	3

**Literature**

Choose one:

SPA 321^^	Spanish Literature II	3
SPA 323	Readings in Latin American Literature	3
SPA 365	Hispanic Studies (when topically appropriate)	3

**Conversation**

Choose one:

SPA 312^	Spanish Conversation and Composition	3
SPA 313^	Spanish Conversation and Composition II	3

**Major Electives**

Choose nine credits from SPA 200 – 499.

A study abroad experience is strongly recommended.

Education students are also required to take SPA 430 Methods of Teaching Foreign Languages.

Upon completion of the basic linguistic core and in close consultation with the department, students will choose from among regular and one-credit courses to complete the rest of the major requirement.

No Spanish or World Languages and Cultures (WLC) course graded below a 2.0 in courses numbered 200 and above will be allowed for credit toward the 36-credit requirement.

^meets Stage 2 University Writing Requirement

^^meets Stage 3 University Writing Requirement

### Recommended Course Sequence

Check all course descriptions for prerequisites before planning course schedule. Discuss all selections with 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 place into the second- or third-year level. Consult with the department chair as to the recommended sequence.

#### First Year

SPA 110	Elementary Spanish I	3
SPA 111	Elementary Spanish II	3
	Liberal Arts Core Requirements	24
<b>Total for Year</b>		<b>30 credits</b>

#### Second Year

SPA 210	Intermediate Spanish I	3
SPA 211	Intermediate Spanish II	3
	Liberal Arts Core	24
<b>Total for Year</b>		<b>30 credits</b>

#### Third Year

SPA 310	Advanced Spanish I	3
SPA 311	Advanced Spanish II	3
SPA 312/313	Conversation and Composition	3
SPA 3XX	Spanish Elective	3
	Liberal Arts Core/General Electives	18
<b>Total for Year</b>		<b>30 credits</b>

#### Fourth Year

SPA 320	Spanish Literature I	3
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SPA 316	Spanish Civilization	3
SPA 318	Latin American Civilization	3
SPA 3XX	Spanish Literature Course	3
SPA 403/404	Liberal Arts Core Tier III	3
	Liberal Arts Core or General Electives	15
<b>Total for Year</b>		<b>30 credits</b>

# SPORT AND LEISURE MANAGEMENT

**Kinesiology and Physical Education Department**

**Department Chair: Greg Kane**

**Assistant Chair: Darren Robert**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

## **Objectives**

The Bachelor of Science in Sport and Leisure Management provides both introductory and advanced courses in sport management in two concentrations: Sport Management and Sport Science and Performance. These concentrations share a common core of courses. Students completing this program will be well prepared for careers or graduate studies in sport management, sport business, public and private recreation program and facility management, exercise science, personal training, employee fitness, sport performance and sport coaching. This program lays the foundation for graduate education in a variety of professional areas.

## **Practicum Experience**

The practicum serves to develop through hands-on professional and fieldwork experience, skills in leadership, programming, problem solving, communication, and interpersonal relationships. Qualifying students (2.7 GPA) are eligible to participate in a supervised pre-professional field experience as the culminating experience to their required coursework.

## **Grade Requirement**

The grade of “C” or higher must be earned in all Physical Education and all Sport and Leisure Management major and minor courses.

## Professional Development Point System

Students majoring in Physical Education or Sport and Leisure Management are required to accumulate 10 Professional Development Points (PDPs) in each of seven selected core courses before registering for certain upper-level division and practicum courses.

### Required Courses

HPE 210*	Personal Health	3
HPE 328**	Applied Anatomy and Physiology	3
HPE 411^^	Sports in American Society	3
SLM 250	Intro to Sport Management & Sport Science	3
SLM 330^	Design, Construction, & Management of Sports Facilities	3
SLM 331	Legal and Ethical Issues in Sport Management	3
SLM 345	Management Techniques: Leadership and Problem-Solving	3
SLM 440	Quantitative Analysis – Fitness and Sport Science	3
SLM 460	Research Methods in SLM	3

First Aid Certification is required.

\* approved substitution to meet Liberal Arts Core Tier I Health and Wellness

\*\*approved substitution to meet Libera Arts Core Tier II Natural Science

^meets Stage 2 University Writing Requirement

^^meets Stage 3 University Writing Requirement

## SPORT MANAGEMENT CONCENTRATION

### Required Courses

ACC 201	Principles of Accounting I	3
BUS 245	Business Finance	3
ECO 331	Economics of Sports	3
SLM 320	Entrepreneurship, Marketing, and Communication in Sports	3

### Concentration Electives – with under a 2.7 GPA

Choose four:

ART 122	Digital Illustration and Page Layout	3
BUS 225	Principles of Marketing	3

BUS 325	Consumer Behavior	3
COM 215	Media Aesthetics	3
COM 260	Introduction to Public Relations	3
COM 312	Professional Presentations	3
COM 330	Organizational Communication	3
SLM 346	Sport Psychology	3

**Concentration Electives – with GPA 2.7 and higher**

Choose one:

SLM 495	Department Internship: Sport and Leisure Management	1-12
SLM 496	Professional Internship: Sport and Leisure Management	1-12

Choose two:

ART 122	Digital Illustration and Page Layout	3
BUS 225	Principles of Marketing	3
BUS 325	Consumer Behavior	3
COM 215	Media Aesthetics	3
COM 260	Introduction to Public Relations	3
COM 312	Professional Presentations	3
COM 330	Organizational Communication	3
SLM 346	Sport Psychology	3

**SPORT SCIENCE AND PERFORMANCE CONCENTRATION**

HPE 303	Strength and Conditioning	3
HPE 320	Sports Nutrition	3
HPE 329	Physiological Basis of Movement	3
HPE 413	Physiology of Exercise	3
SLM 340	Exercise Testing and Prescription – Typical & Special Population	3
SLM 346	Sport Psychology	3

SLM 355	Motor Learning	3
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**Concentration Electives – with under a 2.7 GPA**

HPE 403	Coaching Youth Sports	3
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SLM 375	Exercise for Persons with Chronic Diseases and Disabilities	3
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**Concentration Electives – with GPA 2.7 and higher**

Choose one:

SLM 495	Department Internship: Sport and Leisure Management	1-12
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SLM 496	Professional Internship: Sport and Leisure Management	1-12
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# THEATRE

**Performing Arts Department**

**Department Chair: Okon Hwang**

**Assistant Chair: JJ Cobb**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

The mission of the Theatre program at Eastern Connecticut State University, the state's designated public liberal arts university, is to provide high-quality undergraduate production training to a diverse population of students. By utilizing research, scholarship, professional and academic creative work, and community engagement to inform curriculum, professors teach the application of theory in practical settings. The Theatre program is committed to strengthening humanity's relationship with creative expression, while preparing each student to contribute their own artistic voice to the larger world.

The Theatre major consists of two parts (for a total of 45 credits).

1. Required Core Courses (27 credits) Students are required to complete 27 credits of specifically designated THE Required courses as listed below.
2. Concentration Electives (18 credits) Students must select one of the discipline concentrations and complete 15 credits in the concentration. Students may choose one of the following: Acting, Directing Dramaturgy and Cultural Performance, Dance & World Performance, or Theatre Technology, Design & Management.

### **Required Core Courses**

THE 172	Acting I for Majors	3
THE 176	Fundamentals of Theatre Design	3
THE 267*	World Performance History I	3
THE 268*	World Performance History II	3
THE 270*^	Directing I	3
THE 275**	Technical Theatre	3
THE 364^^	Performance in America	3

### **Practicum**

A total of three credits from the following with at least one of the three from THE 227:

THE 227	Design/Technical Practicum	.5-3
THE 228	Performance Practicum	.5-3
THE 392	Theatre Practicum	.5-3

### **Major Elective**

Choose one:

THE 472	Auditioning for Stage and Screen	3
THE 473	Producing and Directing	3
THE 474	Experimental Theatre: Theory and Performance	3
THE 481	Senior Project in Theatre	1-12

\*approved reuse to meet Liberal Arts Core Tier I Arts in Context

\*\*approved reuse to meet Liberal Arts Core Tier II Creative Expression

^meets Stage 2 University Writing Requirement

^^meets Stage 3 University Writing Requirement

### **Concentrations**

By selecting one of four concentration areas, students pursue sequential and more advanced study in the fields of Acting, Directing Dramaturgy and Cultural Performance, Dance & World Performance, or Design/Technology/Management. Such intensive study in these sub-fields provides greater depth of the history and global manifestations of performance, the acquisition and application of specialized skills, and opportunities to engage in creative/collaborative processes in order to better prepare students for careers and graduate or professional study.



## **ACTING CONCENTRATION**

### **Required Foundation**

THE 171	Improvitational and Physical Theatre	3
THE 174	Stage Voice	3
THE 273	Advanced Acting	3
THE 372	Great Roles: Period Styles of Acting	3

### **Concentration Electives**

Choose six credits:

THE 271	Directing II	3
THE 365	Special Topics in Theatre (when topically appropriate)	3
THE 377	Advanced Movements for Actors	3
THE 393	Stage Combat: The Actor/Combatant	3
THE 471	On-Camera Acting	3
THE 499	Site-Specific Theatre	3

## **DIRECTING, DRAMATURGY & CULTURAL PERFORMANCE CONCENTRATION**

### **Required Courses**

THE 260	Performance Media History	3
THE 271	Directing II	3
THE 273	Acting II	3
THE 374	Directing III	3

### **Concentration Electives**

Choose six credits:

THE 299	Diversity in Performance	3
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Choose one:

ENG/THE 308	Playwriting	3
COM 357	Scriptwriting	3
THE 309	Feminists Playwriting Workshop	3
THE 351	Adaptation/Media/Performance	3

THE 361	Musical Theatre	3
THE 365	Special Topics in Theatre (when topically appropriate)	3
THE 470	Children's Theatre	3
THE 471	On-Camera Acting	3
THE 499	Site-Specific Theatre	3

## **DANCE AND WORLD PERFORMANCE CONCENTRATION**

### **Required Courses**

THE 269	Asian Theatre	3
DNC 280	World Dance: Movement as Culture	3

### **Foundation/Performance Requirements**

Choose one two-course dance sequence and one other:

DNC 240	West African Dance I	3
DNC 241	West African Dance II	3
DNC 251	Ballet I – Beginning	3
DNC 255	Tap Dance	3
DNC 351	Ballet II – Intermediate	3
DNC 253	Modern Dance I	3
DNC 254	Modern Dance II	3

### **Concentration Electives**

Choose one course:

FLM 322	Film Appreciation: World Cinema	3
DNC/THE 365	Special Topics in Dance (when topically appropriate)	3
DNC 445	Dance Composition	3
THE 375	Contemporary World Theatre and Performance	3

## **DESIGN, TECHNOLOGY AND MANAGEMENT CONCENTRATION**

### **Required Courses**

Choose eighteen credits:

THE 261	Visual Storytelling	3
THE 276	Scenic Design	3
THE 277	Computerized Drafting	3
THE 278	Introduction to Costume Technology	3
THE 279	Costume History	3
THE 280	Theatre Lighting Technology and Design	3
THE 281	Theatre Sound Technology and Design	3
THE 282	Scenic Painting	3
THE 283	Sound Art	3
THE 285	Intermedial Design I	3
THE 288	Stage Makeup	3
THE 325	Advanced Stagecraft	3
THE 345	Programming for Interactive Design	3
THE 365	Special Topics in Theatre (when topically appropriate)	3
THE 366	Stage Management	3
THE 368	Surface Design on Fabric	3
THE 378	Costume Design	3
THE 379	Pattern Making	3
THE 380	Advanced Lighting Design	3
THE 385	Intermedial Performance Design 2	3

## WOMEN'S AND GENDER STUDIES

English Department

Department Chair: Barbara Liu

Coordinator: Maureen McDonnell

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

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 Capstone in WGS	3

This Tier III 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 208	Gay, Lesbian, and Bisexual Lives	3
WST 315	Psychology of Gender	3
WST 352	Lesbian Literature	3

### **Race, Culture, Gender – U.S. Emphasis**

Choose one:

WST 326	Politics of Race, Class, and Gender	3
WST 347	Black Women's Studies	3
ENG 393	Chicana and Latinx Rhetorics	3

### **Race, Culture, Gender – Global Emphasis**

Choose one:

WST 231	Women Writers from French-speaking Countries	3
WST 331	Global and French Perspectives on Women's Issues	3
WST 306	Gender, Justice, Environment	3
ANT 300	Women and Work	3

### **Historical Perspectives**

Choose one:

WST 244	Immigrant Women	3
WST 307	Medieval Women Mystics	3
WST 317	Women and Family in Western Society	3
WST 355	Women and the Visual Arts	3
WST 356	Women Writers to 1900	3
WST 363	Gender in History	3
WST 370	Sex and Gender in the Ancient World	3

### **Major Electives**

Choose twelve credits:

ANT 300	Women and Work	3
ART 355	Women and the Visual Arts	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	20 <sup>th</sup> Century Women Writers	3
ENG 365	Topics in Literature/Language (when topically appropriate)	3
ENG 373	Studies in Rhetoric & Comp (when topically appropriate)	3
FRE 231	Women Writers from French-speaking Countries	3
FRE 331	Perspectives on Women's Issues	3
GEO 306	Gender, Justice, Environment	3
HIS 244	Immigrant Women	3
HIS 317	Women and Family in Western Society	3
HIS 363	Gender in History	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 491	Teaching Assistant in Women's Studies	3

\*approved reuse to meet Liberal Arts Core Tier I Literature and Thought

^meets Stage 2 University Writing Requirement

^^meets Stage 3 University Writing Requirement

# ACCOUNTING

**Accounting and Business Information Systems Department**

**Department Chair: Alex Citurs**

**Assistant Chair: Moh'd Rujoub**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

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 greater understanding of the accounting procedures and techniques.

## **Required Courses**

ACC 201	Principles of Accounting I	3
ACC 301	Intermediate Accounting I	3
ACC 302	Intermediate Accounting II	3
ACC 303	Intermediate Accounting III	3

## **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 and Social Work Department

Department Chair: Cara Bergstrom-Lynch

Coordinators: Ricardo Perez

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

The Anthropology minor helps the student understand cultures throughout the world. The study of cross-cultural issues is important for many fields, and anthropology has long been recognized as a leading discipline in the development of concepts and knowledge regarding culture, prehistory, evolution and linguistics. The Anthropology minor is an ideal complement to many majors, including History, Psychology, Sociology, Political Science, 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 History Department

Department Chair: Terry Lennox

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

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
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ART 212	Introduction to Art History: 1400 to the Present	4
<b><u>Minor Electives</u></b>		
Choose four courses:		
ANT 336	Ancient Mesoamerica	3
ART 224	Latin American Art Topics	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 340	Art History Topics	4
ART 345	Museums and Exhibitions	3
ART 355	Women and the Visual Arts	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	3
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: Jamel Ostwald**

**Coordinators: Bradley Davis**

**Requirements accurate as of November 1, 2020**

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

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 of 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 Sciences Department  
Department Chair: John Toedt

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

The Astronomy Outreach and Public Presentation minor is designed to give students the necessary skills to present astronomy in a K-12 or public setting. The students will learn the science of astronomy and the fundamental technical skills for the operation of the planetarium.

## 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 instructors. The 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 Sciences Department**

**Department Chair: John Toedt**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

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

# BIOINFORMATICS

Computer Science Department  
Department Chair: Sarah Tasneem  
Coordinator: Garrett Dancik

**Requirements accurate as of November 1, 2020**

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

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
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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 Electives**

Choose one:

BIO 436	Molecular Genetics with Laboratory	4
BIO 450	Biotechnology with Laboratory	4
CSC 305	Data Mining and Applications	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: Elizabeth Cowles**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

The Biology minor consists of BIO 120, BIO 130, BIO 220, BIO 230 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 130	Ecology with Laboratory	4

BIO 220	Cell Structure and Function with Lab	4
BIO 230	General Genetics 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 320/360	Tropical Biology/Tropical Ecosystems	4
BIO 319/320	Oceanic Island Ecology/Tropical Biology	4

## BUSINESS ADMINISTRATION

Management and Marketing Department

Department Chair: Niti Pandey

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

The minor in Business Administration is open to all university students and is designed to provide individuals with both a theoretical and practical understanding of operating a business.

### **Required Courses**

ACC 201	Principles of Accounting I	3
ECO 201	Principles of Microeconomics	3

Choose six credits from two areas:

Finance, Marketing, Management, Operations Management, Human Resource Management, International Business

### **Minor Electives**

Nine credits from any 300-level or above Business course based on personal interest (6 credits of this requirements must be completed at Eastern).



# BUSINESS INFORMATION SYSTEMS

Accounting and Business Information Systems Department  
Department Chair: Alex Citurs

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

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
BUS 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
BUS 245	Business Finance	3
BUS 260	Operations Management	3

### **Upper Level Minor Electives**

Choose two:

ACC 420	Accounting Information Technology and Business Solutions	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 377	Organizational Website & Database Management	4
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
BUS 445	Case Studies in Financial Mgmt Using Electronic Spreadsheets	3
BUS 469	Seminar in Special Topics	3

## **CHEMISTRY**

**Physical Sciences Department**  
**Department Chair: John Toedt**

**Requirements accurate as of November 1, 2020**

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

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.

## **COACHING**

**Kinesiology and Physical Education (KPE) Department**  
Department Chair: Gregory Kane

**Requirements accurate as of November 1, 2020**

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

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**

HPE 303	Strength and Conditioning	3
HPE 320	Sports Nutrition	3
HPE 370	Athletic Training	3
HPE 403	Coaching Youth Sports	3
Choose one:		
HPE 413	Physiology of Exercise	3
SLM 313	Sport Physiology	3

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 Department**

**Department Chair: Andrew Utterback**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

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 does not count toward the Communication Minor (COM 1xx; 2xx; 3xx, 4xx; 190; 191; 290; 291; 292; 490; 491)*

# Computer Engineering Sciences

Computer Science Department  
Department Chair: Sarah Tasneem

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

## 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: Sarah Tasneem

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

### **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 career. 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 330	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**

**Performing Arts Department**

**Department Chair: Okon Hwang**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

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 124	Digital Imaging and Online Media	3
ART 202	Drawing I	3
THE 278	Introduction to Costume Technology	3

THE 279	Costume History	3
<b><u>Minor Electives</u></b>		
Choose six credits:		
ART 309	Figure Drawing	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: Cara Bergstrom-Lynch

Coordinators: Theresa Severance

**Requirements accurate as of November 1, 2020**

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

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
Choose one:		
CRM 475	Criminology Internship: Group Supervision	3
CRM 490	Criminology Internship: Individual Supervision	3

### **Crime Topics**

Choose two:

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 340	Current Controversies in Criminology	3
CRM 360	Justice Alternatives and the Arts	3
CRM 365	Special Topics in Criminology	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)	3

### **Social Inequality/Diversity**

Choose two:

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.

# Digital Art and Design

Art and Art History Department  
Department Chair: Terry Lennox

Requirements accurate as of November 1, 2020  
See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

To earn a Digital Art and Design minor, a student must complete 18 credits in Digital Art and Design courses with at least six of those at the 200-level or higher. Students interested in the Digital Art and Design minor are required to submit a portfolio for admission to the program after completing the two Digital Art Techniques Courses: ART 122 and ART 124. The portfolio 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 guidelines available in the Department of Visual Arts. Portfolios must be submitted and program admission approved before students can enroll in upper-level 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	Creating Information Graphics	3
ART 214	Fashion Design & Illustration	3
ART 216	Textile Design for Fashion	3
ART 226	Public Art: Art & The Community	3
ART 228	Creative Problem Solving: Design	3

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 327	Magazine Design	3
ART 330	Package Design	3
ART 332	Photo Imaging	3
ART 334	Art Exhibitions: Des, Doc, Publ	3
ART 335	Graphic Design III	3
ART 338	Graphic Design Style	3
ART 343	Introduction to 3D Animation	3
ART 350	Video Art	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	Eastern Design Group	3
ART 436	Graphic Design IV	3

## ECONOMICS

**Economics and Finance Department**  
**Department Chair: Maryanne Clifford**

**Requirements accurate as of November 1, 2020**

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

A minimum of twelve credits in the minor must be completed at Eastern.

### **Required Courses**

ECO 200	Principles of Macroeconomics	3
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**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: Barbara Liu

**Requirements accurate as of November 1, 2020**

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

The English minor is designed to complement students' majors; to acquaint them with literary themes, genres, and periods; to introduce them to the study of language; and to help them become proficient writers.

The minor in English is a course of study planned with a department advisor and consists of 15 credits beyond the LAC. 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: Stephen Nathan

**Requirements accurate as of November 1, 2020**

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

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 104	Dynamic Earth with Laboratory	4
EES 130	Ancient Environments with Laboratory	4
EES 224	Landform Analysis with Laboratory	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: Stephen Nathan**

**Requirements accurate as of November 1, 2020**

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

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 influence 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 and is also of great value to students whose careers will entail 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
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EHS 324	Environmental Toxicology	3
BIO/PBH 206	Epidemiology for Liberal Arts	3

Choose one:

EES 300/301	Basics of Geographic Information Systems/Intro to Geographic Information Systems Laboratory	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

## **FILM STUDIES**

**Performing Arts Department**  
**Department Chair: Okon Hwang**  
**Coordinators: Brian Day**

**Requirements accurate as of November 1, 2020**  
 See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

Film Studies is an interdisciplinary minor intended for students who wish to focus on the history, aesthetics, techniques and global manifestations of film.

### **Required Course**

FLM 101	Introduction to Film
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### **Electives Courses**

Select four courses from the following from at least two different disciplines.

Note: Only one course may be selected from the student's major.

ARA 219	Arab Culture Through Film	3
ART 343	Introduction to 3D Animation	3
ART 403	Advanced 3D Animation	3
COM 220	TV II: Video Field Production	3
COM 357	Scriptwriting	3
COM 380	Dramatic Video Production	3
COM 435	Documentary Production	3
ENG 339	Shakespeare and Film	3
ENG 359	Film Theory	3
ENG 374	Rhetoric of Hollywood Film	3
FLM 321	American Cinema	3
FLM 322	World Cinema	3
FLM/WLC 223	French Cinema	3
MUS 372	Multimedia Composition	3
SPA 319	Hispanic Culture Through Film	3
THE 351	Adaptation/Media/Performance	3
THE 385	Intermedial Performance Design II	3
THE 471	On-Camera Acting	3

# FRENCH

World Languages and Cultures Department  
Department Chair: Kin Chan

Requirements accurate as of November 1, 2020  
See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

15 credits beyond elementary level (i.e. FRE 110/111)

# GAME DESIGN

Computer Science Department  
Department Chair: Sarah Tasneem

Requirements accurate as of November 1, 2020  
See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

## Objectives

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 343	Introduction to 3D Animation	3
CSC 311	Computer and Video Games Development	3

## Minor Electives

Choose nine credits:

ART 403	Advanced 3D Animation	3
CSC 312	Computer Graphics	3
CSC 401	Networking and Distributed Computing	3
MAT 350	Numerical Analysis	3
MUS 372	Multimedia Composition	3

# GENETIC COUNSELING

**Biology Department**

**Department Chair: Elizabeth Cowles**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

The Genetic Counseling minor consists of 16-18 credits and at least nine credits must be unique to the minor. Students will take on course each in the categories of ethics, genetics, psychology and bioinformatics/statistics, plus one additional approved course. Nine credits must be taken at Eastern.

## **Required Courses**

PHI 220	Ethics	3
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Choose one:

BIO 304/314	Genetics and Society with Laboratory	4
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BIO 230	Genetics with Laboratory	4
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## **Psychology Course**

Choose one:

PSY 207	Intellectual and Developmental Disabilities	3
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PSY 314	Psychology of the Infant and Toddler	3
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PSY 325	Health Psychology	3
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PSY 430	Human Neuropsychology	3
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## **Bioinformatics/Statistics Course**

Choose one:

BIO 378	Biological Research and Data Analysis	3
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CSC 314	Introduction to Bioinformatics	3
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MAT 216	Statistical Data Analysis	3
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MAT 315	Applied Probability and Statistics	4
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PSY 227	Behavioral Science Statistics	4
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### **Minor Elective**

Choose one:

BIO 202	Human Biology Lecture	3
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CHE 200	Introduction Chemistry with Lab	4
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CHE 205	Chemistry of Life with Lab	4
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CHE 210/212	General Chemistry I with Lab	4
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CHE 316	Biochemistry I	3
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PSY 207	Intellectual and Developmental Disabilities	3
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PSY 314	Psychology of the Infant and Toddler	3
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PSY 325	Health Psychology	3
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PSY 430	Human Neuropsychology	3
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PSY 450	Counseling and Clinical Psychology	3
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## **GEOGRAPHIC INFORMATION SYSTEMS**

**Environmental Earth Science Department**  
**Department Chair: Stephen Nathan**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

A Geographic Information System (GIS) stores, analyzes and displays spatially oriented data to improve decision-making within 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

Choose one:

EES 340	Geographic Information Systems with Laboratory	4
EES 300/301	Basics of Geographic Information Systems/Lab	4
EES 342	Advanced Geographic Information Systems with 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 Chair: Martin Mendoza-Botelho**

**Assistant Chair: Ana Funes-Maderey**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

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.

# GEOMORPHOLOGY

Environmental Earth Science Department  
Department Chair: Stephen Nathan

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

Geomorphology is the study of earth surface processes and landforms. Geomorphologists apply principles of physics, chemistry, hydrology and sedimentology to understand earth surface landscapes. Geomorphologists also use computer programs like geographic information systems to analyze, explain and evaluate the geologic nature of earth surface environments. Geomorphologists are hired as environmental consultants and earth scientists by private consulting firms, government agencies and educational institutions.

The objectives of the minor in geomorphology are (1) to provide an opportunity for students to study geomorphology; (2) to refine analytical and technical skills used to study earth surface environments; and (3) to prepare students for graduate studies and/or employment in geomorphology and related fields.

The minor consists of a minimum of 16 credit hours, nine of which must be unique to the minor.

## Required Courses

EES 424	Glacial and Quaternary Geology	3
EES 440	Process Geomorphology with Lab	4
Choose one:		
EES 336	Applied Hydrogeochemistry with Lab	4
EES 342	Advanced Geographic Information Systems with Laboratory	4
EES 480	Independent Study in Earth Science	3-4

## Minor Electives

Choose six credits:

CHE 320	Quantitative Chemical Analysis with Lab	4
CHE 480	Independent Study	3-4
CSC 210	Computer Science and Programming I	3
CSC 249	Visual Basic.NET	3

CSC 251	Networking Fundamentals	3
EES 251	Introduction to Environmental Earth Science in the Field	1-3
EES 271	Environmental Earth Science Field Course	3
EES 3/4XX	Approved EES 300-499 level course	3-6
MAT 216	Statistical Data Analysis	3
MAT 244	Calculus II with Technology	4
MAT 315	Applied Probability and Statistics	4

## HEALTH

### Kinesiology and Physical Education (KPE) Department

Department Chair: Gregory Kane

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

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: Alex Citurs

Requirements accurate as of November 1, 2020  
See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

The Healthcare Informatics minor integrates courses in several disciplines in a focused way to serve the emerging needs in this area. Health care 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, Kinesiology and Physical Education or the B.G.S. in Public Health.

## Required Courses

BIS 362	Healthcare Informatics	3
Choose one:		
BUS 205	Management of Business Information	3
CSC 110	Introduction to Computing and Problem Solving	3
CSC 210	Computer Science and Programming I	3
Choose one:		
BIS 370/BUS 363	Systems Analysis and Design/Introduction to Six Sigma Continuous Improvement	6
CSC 215/CSC 305	Introduction to Web Development/Data Mining and Applications	6

## Healthcare Informatics Elective

Choose one:		
BIS 365	Emerging Technologies and Business Applications	3
BIS 367	Human Computer Interaction and Design	3
BIS 377	Organizational Website & Database Management	4

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

**Management and Marketing Department**

**Department Chair: Niti Pandey**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

The Healthcare Management minor prepares students to contribute to improved outcomes of management functions in practices, labs, clinics, insurance companies, hospital, and other health-care 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, and 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
BUS 363	Introduction to Six Sigma Continuous Improvement	3

BUS 380	Quality 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 255	Health Communication	3
PSY 325	Health Psychology	3

### **The Healthcare Environment**

Choose one:

BIO 202	Human Biology Lecture	3
PBH 209	Nutrition and Public Health	3
PBH 228	Introduction to Public Health	3

# **HISTORY**

**History Department**

**Department Chair: Jamal Ostwald**

**Assistant Chair: Caitlin Carenen**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

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.

# HYDROGEOLOGY

Environmental Earth Science Department  
Department Chair: Stephen Nathan

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

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 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 Hydrogeology coordinator. Students must receive a grade of 2.0 or higher in each course for the minor.

A minimum of 16 credits are required for the minor. Nine of these hours must be unique to the minor.

## 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 Chair: Maryanne Clifford

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

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 24 credit hours including three required courses, two elective courses and three prerequisites listed below.

## **Statistics**

Choose one:

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

## **Finance Electives**

Choose three:

FIN 302	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 Elective**

Choose one:

BUS 250	Business Law I	3
BUS 260	Operations Management	3
BUS/FIN 346	Investment Analysis	3
BUS/FIN 347	Financial Institutions and Markets	3

# Latin American & Caribbean Studies

Sociology, Anthropology, Criminology, and Social Work Department

Department Chair: Cara Bergstrom-Lynch

Coordinators: Ricardo Perez

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

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
SPA 318	Latin American Civilization	3
SPA 319	Hispanic Culture Through Film	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 Department

Department Chair: Andrew Utterback

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

The minor focuses on the development of interpersonal and organizational communication skills relating to leadership, and contextualization of leadership in 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 Music Organizations	3

# MANAGEMENT INFORMATION SYSTEMS

Computer Science Department  
Department Chair: Sarah Tasneem

Requirements accurate as of November 1, 2020  
See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

## Objectives

The Management Information Systems (MIS) minor prepares students to contribute to the productivity and generation of new products, services and ventures using state-of-the-art computer applications for better communication, problem diagnosis and decision-making.

The MIS minor has been closely integrated with the Business Administration major to provide Business students with a readily obtainable and highly marketable extension of their skills to include knowledge of practical business systems.

The minor's objectives include:

- Provide Business majors with the particular computer skills and knowledge that have now become essential in administrative and managerial positions, even at the entry level.
- Introduce other majors, especially those in Computer Science, to the management applications of computer systems.

## Required Courses

BIS/BUS 442	Information Technology Project Management	3
BIS 361	Business Information Systems	3
CSC 110	Introduction to Computing and Problem Solving	3

## Minor Electives

Choose three courses:

BIS 370	Systems Analysis and Design	3
CSC 200	Management Systems	3
CSC 210	Computer Science and Programming I	3
CSC 231	Computer Science and Programming II	3

CSC 249	Visual Basic.NET	3
CSC 251	Networking Fundamentals	3
CSC 3XX/4XX	Any 300/400 level CSC course except internships	

## MATHEMATICS

**Mathematical Sciences Department**  
**Department Chair: Marsha Davis**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

The Mathematics minor is designed to support a student's major program in at least one of several ways. It directly supports the growing number of disciplines which are quantitatively or logically oriented, such as Biology, Earth Science and Economics. It directly supports any discipline where logic and precise thinking are important. In secondary education, it provides a level of expertise which gives the student strong credentials to be a math leader in his or her school. At least nine credits in the minor cannot be used to fulfill any other University requirements.

### Required Courses

MAT 230	Discrete Structures	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**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

For health service professionals, knowledge of medial Spanish is no longer an option but a necessity. Barriers to communication with patients whose only language is Spanish poses a health risk and leading to reduction in health outcomes. The appropriateness of courses in this interdepartmental

Minor cannot be unfussy or inconspicuous. Consequently, this is 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
Choose one:		3
SPA 312	Spanish Conversation and Composition	
SPA 313	Spanish Conversation & Composition II	
SPA 404	English Spanish Translation	3

### **Electives**

Choose Two Courses (6 credits):

HSC/COM 255	Health Communication	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

Requirements accurate as of November 1, 2020  
 See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

Nine credits in one language beyond the elementary level; six credits in another language.

# MUSIC

Performing Arts Department  
Department Chair: Okon Hwang

Requirements accurate as of November 1, 2020  
See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

Students wishing to pursue a minor in music may do so by completing 18 credits:

## Required Courses

MUS 205	Theory of Music I	3
MUS 215	Sight Singing Ear Training Lab I	1
Choose one:		
MUS 235	History of European Art Music I: Antiquity to 1750	3
MUS 236	History of European Art Music II: 1750 to Present	3
MUS 335	Introduction to Ethnomusicology	3
Choose two credits:		
MUS 103	Chorus	1
MUS 107	Concert Band	1

## Minor Electives

Choose nine credits in MUS courses at the 200-level or higher; six credits must be at the 300-level or higher.

# New England Studies

History Department  
Department Chair: Jamel Ostwald

Requirements accurate as of November 1, 2020  
See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

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

## **PEACE AND HUMAN RIGHTS**

**Political Science, Philosophy, and Geography Department**

**Department Chair: Martin Mendoza-Botelho**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

The Peace and Human Rights Studies minor is a 15-hour interdisciplinary program compatible with any undergraduate major. The program draws on all disciplines which have peace and human rights components including anthropology, art, business, history, literature, philosophy, political science, sociology and woman's studies. Students are encouraged to think critically and to broadly explore issues of fundamental significance in today's world relating to peace and human rights.

The Peace and Human Rights minor consists of a minimum of 15 credits.



### **Required Courses**

PHI/PHR 200	Peace and Human Rights	3
PHI/PHR 400	Peace and Human Rights Seminar	3

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 nine credits:

ANT 358	Anthropology of Violence	3
ART 369	African-American Art	3
BUS 466	Seminar in Non-Profit Organizations	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/PHR 391	Religion, War and Peace in Early Modern Europe	3
PHI 220	Ethics	3
PHI 340	The Philosophy of War	3
PHI 360	Global Ethics	3
PHI 370	Human Rights: Natural and Civil	3
PHI 371	Jainism: Nonviolence and Love	3
PSC 314	Modern Social and Political Thought	3
PSC 315	American Social and Political Thought	3
PSC 326	Politics of Race, Class, and Gender	3
SOC 208	Gay, Lesbian, and Bisexual Lives	3

Substitutions may be made only with the prior approval of the Coordinator.

# PHILOSOPHY

Political Science, Philosophy, and Geography Department  
Department Chair: Martin Mendoza-Botelho

Requirements accurate as of November 1, 2020  
See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

## 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 6 of these twelve credits must be taken at Eastern.

# PHYSICAL EDUCATION

Health and Physical Education Department  
Department Chair: Gregory Kane

Requirements accurate as of November 1, 2020  
See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

The Physical Education minor is useful to sport and leisure management majors.  
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 Science Department  
Department Chair: John Toedt

Requirements accurate as of November 1, 2020  
See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

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 with Lab 8

PHY 209/209 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 Science Department  
Department Chair: John Toedt

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

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 Lab 8

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: Martin Mendoza-Botelho

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

To earn a Political Science minor, a student must take 24 credits of Political Science courses. Seven of the 24 credits may also be used to satisfy the requirements of the Liberal Arts Core Curriculum or a major or second minor when appropriate.

### Required Courses:

PSC 110	American Government and Politics	3
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Choose one:

PSC 140	International Relations	3
PSC 208	Global Politics	3

Choose six 200-400 level electives in Political Science

Transfer students must complete at least nine Political Science credits in course applied to the minor at Eastern in a program approved by the student's Political Science advisor. The cumulative grade point average in courses applied toward the Political Science minor must be 2.0 or better.

# PRE-LAW

Political Science, Philosophy, and Geography Department  
Department Chair: Martin Mendoza-Botelho

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

Admission to law school is very competitive. Students who are serious about pursuing a career in law are strongly encouraged to dedicate much time and energy to preparing for this demanding process. Students entering the Pre-Law minor program as freshmen or sophomores must have a program of study approved by their Pre-Law advisor prior to the completion of 60 credits at Eastern. Transfer students must have their program approved prior to the completion of 30 credits at Eastern. Students should work closely with their Pre-Law advisor throughout their time at Eastern to prepare them 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 21 credits.

### **Required Courses**

PHI 215	Logical Inquiry	3
Choose one:		
ENG 241	Critical and Creative Thinking	3
PHI 220	Ethics	3

### **Writing and Communication**

Choose two classes:

COM 230	Public Speaking	3
COM 330	Organizational Communication	3
ENG 200	Reading and Writing Argument	3
ENG 371	Rhetorical Theory and Criticism	3

### **Government and Social Institutions**

Choose two:

PSC 110	American Government and Politics	3
PSC 339	Constitutional Law I: Powers and Process	3
PSC 340	Constitutional Law II: Civil Liberties	3
PSC 341	Judicial Process	3

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	Principles of Macroeconomics	3
ECO 201	Principles of Microeconomics	3

### **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**

**Department of Psychological Science**

**Department Chair: James Diller**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

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 Department**

**Department Chair: Yaw Nsiah**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

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 18-21 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**

HPE/PBH 209	Nutrition and Pubic 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
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COM/HSC 255	Health Communication	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 (when topically appropriate)	3

## SOCIAL INFORMATICS

Accounting and Business Information Systems Department  
 Department Chair: Alex Citurs

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

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 use information systems to collect and analyze data needed to enhance the productivity of medium and small organizations, as well governmental and non-profit agencies. The minor requires 15 credits and is suitable for any Eastern student, including transfer and non-traditional students studying through the Office of Continuing Studies and Enhanced Learning. At least four of the courses below should be taken at Eastern.

### Required Courses

BIS 370	Systems Analysis and Design	3
BUS 205	Information Management	3
BIS 364	Social Informatics	3

### Social Informatics Minor Electives



Choose one:

COM 300	Communication Law and Ethics	3
ECO 210	Economics and the Environment	3
ECO 315	Law and Economics	3
ECO 322	Environmental Economics	3
ECO 330	Labor Economics	3
ECO 335	Urban and Regional Economics	3
EES 205	Sustainable Energy	3
EES 320	Environmental Management	3
ENG 203	Introduction to Writing Literary Criticism	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
PBH 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
SLM 320	Entrepreneurship, Marketing, and Communication in Sports	3
SLM 341	Program Development and Evaluation	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
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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: Cara Bergstrom-Lynch

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

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

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

15 credits beyond elementary level (i.e. SPA 110/111)

## SPORT & LEISURE MANAGEMENT

Health and Physical Education Department  
 Department Chair: Gregory Kane

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

The Sport and Leisure Management minor is useful to Education, Physical Education and Communication majors.

The grade of “C” or higher must be earned in all physical education major and minor courses.

Required Courses:

SLM 250	Introduction to Sports Management and Sports Science	3
SLM ***	Courses numbered 300 or higher	12

## STUDIO ART

Art and Art History Department  
Department Chair: Terry Lennox

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

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: Stephen Nathan

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

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	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**

**Performing Arts Department**  
**Department Chair: Okon Hwang**

**Requirements accurate as of November 1, 2020**  
**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

Students may earn a minor in Theatre by completing 15 credits of course work and three practical experiences.

### **Required Courses**

THE 268	World Performance History II	3
THE 270	Directing I	3
THE 275	Technical Theatre	3
THE 392	Theatre Practicum	3
Choose one:		3
THE 172	Acting I for Majors	
THE 272	Introduction to Acting	
Choose one:		3
THE 170	Introduction to Theatre Arts	3
THE 267	World Performance Theatre I	3

## **WOMEN'S STUDIES**

### **English Department**

**Department Chair: Barbara Liu**

**Coordinators: Maureen McDonnell**

**Requirements accurate as of November 1, 2020**

**See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.**

Women and their achievements, as well as society's understandings of gender and identity, comprise the subject matter for Women's Studies. Student 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 twelve credits:

ENG 393	Chicana and Lantinx Rhetorics	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 French-Speaking Countries	3
WST/SOC 240	Sociology of Gender	3
WST/HIS 244	Immigrant Women	3
WST/ANT 300	Women and Work	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/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 /SOC 347	Black Women's Studies	3
WST/ENG 351	Feminist Theories	3
WST/ENG 352	Lesbian Literature	3
WST/ART 355	Women and the Visual Arts	3
WST/ENG 356	Women Writers to 1900	3
WST/ENG 357	20 <sup>th</sup> Century Women Writers	3
WST 365	Special Topics (when topically appropriate)	3
WST/ANT 370	Sex and Gender in the Ancient World	3
WST 465	Studies in Sociology (when topically appropriate)	3
WST 480	Independent Study	1-6
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: Barbara Little Liu

Requirements accurate as of November 1, 2020

See academic program web pages at [www.easternct.edu](http://www.easternct.edu) for updates.

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 42 needed to fulfill the English major requirement. An English major with a Writing minor is required to complete 51 credits in English beyond the LAC.

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 200	Reading and Writing Argument	3
ENG 203	Introduction to Writing Literary Criticism	3
ENG 204	Introduction to Writing Studies	3
ENG 205	Introduction to Creative Writing	3
ENG 206	Multimodal Writing Workshop	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 300	Business and Technical Writing	3
ENG 301	Writing Fiction	3
ENG 302	Writing Poetry	3
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 Practice in Creative Writing	3
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 or Rhetoric and Composition	3-6
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 Editing	3



# Graduate Division

**Elizabeth Scott, *Interim 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 their first semester. Failure to submit the Plan of Study may result in an account hold. Graduate candidates may change their plans of study only with 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), based on National Council on Accreditation of Teacher Education (NCATE) standards.

## **The Department of Business Administration offers two Master of Science Degrees:**

- Master of Science Degree in Accounting
- Master of Science Degree in Organizational Management

The Master of Science in Accounting prepares graduates for jobs in a variety of fields, including auditing, finance, taxation, and management. The program helps fulfill the 150-credit requirement for students interested in CPA licensure.

The Master of Science in Organizational Management is an interdisciplinary program for management professionals, in both the private and public sectors, who seek to expand their knowledge and enhance their careers. The Departments of Communication and Psychology work with the Department of Business Administration in providing relevant courses.

## **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 (Grade 1 – Grade 6)
- Master of Science in Secondary Education (Grade 7 – 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 degree for those currently certified to teach or with teaching experience.)*
- Master of Science in Educational Technology

## **GRADUATE APPLICATIONS AND ADMISSIONS**

Applications for admission can be submitted electronically by visiting the Graduate Division website. Contact [graduateadmission@easternct.edu](mailto: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 before the priority deadlines. By submitting the application before the deadline, students can ensure that their application is processed in time for the start of the semester. Priority deadlines are as follows: July 6th for fall semester admission, November 3rd for spring semester admission, and April 5th for summer semester admission.

## **GRADUATE ADMISSION REQUIREMENTS**

### **All applicants for degree status must submit:**

- A non-refundable application fee of \$50
- A completed online application
- Contact information 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 1-20).
- 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.

### **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 bachelor's degrees from approved/accredited institutions with minimum GPAs of 2.70. They must also submit the following:

Contact information 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/Philosophy statement explaining the applicant's professional goals.
- Students who have not completed degrees or coursework in accounting will be required to take additional undergraduate accounting courses, which may only be available on campus. With advisor approval, admitted students can concurrently take graduate and undergraduate classes.
- Graduate Management Aptitude Test (GMAT) is optional, but required for graduate assistantships

### **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 bachelor's degrees from accredited institutions and have minimum undergraduate GPAs of 3.0 (2.70 for Educational Technology). The applicant's records must show evidence of professional promise and ability to do graduate-level work. They must also submit the following:

- Contact information 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 program are also required to submit a personal statement explaining educational philosophy and professional goals as well as a resume/curriculum vitae
- Applicants applying for 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.

### **Graduate Admission Requirements for the Master of Science (M.S.) Degree in Organizational Management**

Applicants seeking admission to the Master of Science in Organizational Management program must possess bachelor's degrees from approved/accredited institutions with minimum GPAs of 2.70. They must also submit the following:

- Evidence of full-time work experience (resume)

- Contact information for two references who attest to the applicant's ability to complete graduate work.
- Official transcripts for all higher education institutions attended
- Personal statement of professional goals

## **NON-DEGREE APPLICANTS**

Applicants for non-degree status need only to 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 for 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 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 in 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 time of CARE admission, graduate students will each be assigned an advisor and will be expected to complete a Plan of Study by the completion of the first semester. Graduate students are expected to work closely with an advisor while completing their Plan of Study.

### **Appeal of Admission Decision**

Applicants may appeal an admission decision by submitting a written appeal to the Dean of the Graduate Division. Applicants will be notified of the outcome of their appeal in writing.

## **GRADUATE EXPENSES**

The schedule of tuition and fees is valid at the time of publication of the catalog and is subject to change as required. 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**

Student 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 viable to students through 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 Division's website.

## **GRADUATE ACADEMIC POLICIES**

### **Academic Honesty**

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 acknowledgement, even in some modified form, is plagiarism. Violations of this tenet or any other form of academic dishonesty will be subject to penalty. Additional information and procedures can be found in the Eastern Connecticut State University Student Handbook.

### **Academic Standing: Warning 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 matriculated 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 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: Comprehensive Examinations, Portfolios and Seminars**

Upon completing of all other required coursework and electives, all graduate students must successfully complete a culminating experience. Because requirements vary depending on programs, students are encouraged to consult with their academic advisors or respective departments for additional information.

Requirements for students in the education program seeking to complete the culminating experience can be found on the Department's website.

Students enrolled in the Master of Science in Organizational Management have the option of completing either a comprehensive examination or a thesis. Thesis expectations are outlined later in this section. Those students taking the comprehensive exam in Organizational Management who fail three or more of the five exam questions are considered to have failed the entire exam. Students who fail one or two questions will have the opportunity to be reexamined on those content areas within 30 days. Failure of either one or both repeated content areas will result in failure of the entire exam. Additional information can be found on the Organizational Management website.

### **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 thirteen (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 a change of status to part-time and can affect a student's financial aid, approved plan of study, and/or visa status. As a result, students should contact the appropriate University Department (e.g., the Office of Financial Aid, International Programs) before reducing the total number of credits taken in a semester.

### **Grade Appeals**

A student may appeal the final grade given in a course. Explicit information about the procedures for initiating this process can be found in the Eastern Connecticut State University 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 request of the student, 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/Readings and Research**

Directed Independent Study/Readings and Research may be taken with the permission of the Project Director, appropriate Program Coordinator, Department Chair, and the Dean of the

Graduate Division. Students may not register for more than six credits of Independent Study/Readings and Research throughout their graduate programs.

Students proposing Independent Study/Readings and Research are responsible for defining projects and justifying them as Independent Study/Readings and Research projects. 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/Readings and Research must submit a Permission to Register for Independent Study/Readings and Research 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/readings and research when one or more of the following factors prevail:

- The University does not offer coursework related directly to a proposed study within the student's area of interest
- The topic to be studied is interdisciplinary and courses are unavailable
- The student has taken all the coursework available in his/her field of interest.

### **Degree Application**

Graduate students who plan to complete their degree requirements for graduation in August, December or May must submit an online degree application by the corresponding date published in the academic calendar.

### **International Students**

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 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.
- Applicants who are not native English speakers must provide English proficiency test scores of at least 550 (paper-based) or 79 (IBT) or 213 (computer-based) on the Test of English as a Foreign Language (TOEFL) or 6 (IELTS). Applicants should request that a copy of the score be sent directly to the Graduate Division.



## **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 can 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 advisor approval and 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 (ORG 676, ORG 696, 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.

## **Thesis**

Graduate students majoring in Organizational Management may pursue the option of writing a thesis. Students who opt for thesis writing do not sit for the comprehensive exam. Thesis writing must be done under the close supervision of a faculty thesis advisor. Students must register for ORG 698 (Thesis I) and ORG 699 (Thesis II). Permission to Register forms for the thesis must be completed and signed by the student, the Thesis Advisor, Program Coordinator, and Department Chairperson, and then submitted to the Dean of the Graduate Division for approval prior to registration for these courses. Forms are available on the Graduate Division website. Students must submit draft and final copies of the thesis to the Dean of the Graduate Division for approval according to established deadlines as published in the Academic Calendar. Students may contact the Graduate Division for further information on final format and binding procedures for completed theses

## **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 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, and
- Graduate courses were completed within the student's six-year time limit to 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 will be applied toward the undergraduate degree and cannot be counted toward a master's degree at Eastern Connecticut State University.

## **Withdrawal from a Course**

Graduate students 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)**

### **MASTER OF SCIENCE IN ACCOUNTING**

The Master of Science in Accounting is designed in an interdisciplinary fashion, drawing from business and economics. With course offerings in assurances, international operations, taxation, and management, the program prepares you to become a Certified Public Accountant (CPA). Graduates are qualified for jobs in auditing, finance, taxation, insurance and banking, and management. Students with non-accounting or non-business undergraduate degrees are provided supplemental supports. Students who 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:**

BUS 531	Organizational Behavior
BUS 545	Financial Management
ECO 510	Managerial Economics

#### **Graduate Accounting Courses (3 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

**Total 30 credits**

## 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:

### **Educational Studies Core Courses (12 credits)**

EDU 608 Principles of Educational Research

EDU 617 Contemporary Literacies in the Content Areas

EDU 619 Strategies for Modifying Content Instruction to English Learners EDU 680 Issues and Trends in Special Education **CONTENT/DISCIPLINE AREA STRANDS (9 Credits)**

### DUAL LANGUAGE LEARNERS (DLL) STRAND

- DLL 616 Bilingual Foundations and Methods
- DLL 617 Linguistic and Academic Assessment of English Language Learners
- DLL 618 First and Second Language Acquisition

### EARLY CHILDHOOD EDUCATION (ECE) STRAND

- ECE 600 Play-Based Foundations for Learning in Math, Science, and Literacy
- 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

Content/Discipline Electives (6 Credits approved by advisor)

### **Culminating Projects (4 credits)**

EDU 693 Collaborative Data Literacy Project

EDU 697 Culminating Research Project

### **MASTER OF SCIENCE IN EDUCATIONAL TECHNOLOGY**

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:

#### **Educational Technology CORE Seminars (12 credits)**

EDU 512 Educational Technology Theory and Practice EDU 612 Assistive Technology

EDU 657 Global Connections in Education

EDU 608 Principles of Educational Research

#### **Select four of the following: (12 credits)**

EDU 619 Strategies for Modifying Content Instruction to English Learners 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

#### **Culminating Experiences (6 credits)**

EDU 696 Research and Readings

and EDU 577 Emerging Educational Technologies

### **MASTER OF SCIENCE DEGREE PROGRAM IN ORGANIZATIONAL MANAGEMENT**

This interdisciplinary program focuses on individual behavior, group dynamics, organizational processes and structure, and their interactions. It is appropriate for individuals with professional work experience seeking to develop interpersonal and organizational skills applicable for a wide variety of work settings. It should be of particular interest to individuals in supervisory and project management positions in social and public agencies. It is a professional development program designed to enhance the individual's ability to deal with the dynamics of complex organizations.

Program Requirements

Students must complete a total of 30 credits. As part of their program, students must complete the five core courses. The remaining coursework is taken as electives in consultation with a faculty advisor. Students must take the comprehensive examination unless they are writing a thesis. The comprehensive examination can be taken following the completion of 21 credits.

## **Program Curriculum**

### **Core Courses: (12 Credits)**

- ORG 508 Introduction to Organizational Research
- ORG 536 Critical Thinking, Problem Solving and Management Processes in Organizations
- ORG 537 Small Group Dynamics in Organizations
- BUS 532 Management of Organizations

### **Electives: (9-15 Credits)**

- PSY 507 Industrial and Organizational Psychology
- PSY 508 Applied Social Psychology
- ORG 672 Leadership in Contemporary Organizations
- BUS 531 Organizational Behavior and the Administrative Process
- COM 530 Organizational Communication
- COM 512 Organizational Presentations
- BUS 533 Methods of Human Resource Management
- ORG 671 Training and Development in Organizations
- ORG 675 Seminar in Special Topics

### **Culminating Experience: (3-9 credits)**

- ORG 570 Organizational Capstone Seminar (Core course, taken in final semester)

AND Either a 2-semester thesis project or a comprehensive examination:

- ORG 698 Thesis I and

- ORG 699 Thesis II

or Comprehensive Examination

Students selecting the thesis option take 24 credits of coursework. The remaining six (6) credits are earned as part of their thesis work. The decision to select this option should be made in consultation with a faculty advisor.

On a selective basis, students may take research and readings as an Independent Study, and may augment their theoretical base with internships and practica. This may apply particularly to students who previously majored as undergraduates in one of the areas of focus. These must have prior approval of the program coordinator and the dean. No more than six (6) credits can be accumulated toward the degree in this manner. The program regularly offers special topic seminars which can be selected as electives.

## **GRADUATE CERTIFICATION PROGRAMS**

Please note that Eastern students may opt to pursue an 'Early Start' option for Graduate certification programs. Please refer to [www.easternct.edu/education/advisement](http://www.easternct.edu/education/advisement) for current information.

## MASTER OF SCIENCE IN EARLY CHILDHOOD EDUCATION

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 (three credits)

HPE 201 (one credit) or HPE 210 (three credits) The Arts (three credits)

English (six credits)

MAT 139P (three or four credits)

Natural Sciences (two courses; one with lab; total of seven credits) Social Sciences (three credits)

World Language (six credits)

All courses are three credits unless otherwise noted.

### Core Courses

EDU 504 Educational Assessment

EDU 505 Second Language Acquisition and Strategies

EDU 555 Education and Society

### Early Childhood Education Courses

ECE 500 Advanced Study of Early Childhood Development\*

ECE 501 Families, Communities and Culture

ECE 503 Language and Literacy

ECE 504 Early Childhood Curriculum\*

ECE 505 Young Children with Special Needs

ECE 507 Reading and Writing in the Primary Years

ECE 514 Clinical Experience I

ECE 516 Clinical Experience II

### Student Teaching and Practicum Experiences

12 credits

ECE 565 Practicum in Early Childhood Special Education

ECE 566 Student Teaching in a Primary Grade

ECE 506 Adaptions for Diverse Needs\*\*

\*\* Taken in conjunction with student teaching.

**Total**

**48 credits**

## Exit Requirements

- Early Childhood Test (002)
- The CT Foundation of Reading Test

See [www.ct.nesinc.com](http://www.ct.nesinc.com) for more information.

## MASTER OF SCIENCE IN ELEMENTARY EDUCATION AND 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 - HIS 120, 121, 310 or other approved U.S. History course) HPE 201 (one credit) or HPE 210 (three credits)

The Arts (three credits)

English (six credits) (Above ENG 100) Mathematics (six credits) (MAT 139, MAT 140) Natural Sciences (seven credits)

(one BIO, one AST, or PHY, or PHS, or CHE or EES, and one lab) Social Sciences (three credits)

World Language (six credits, if not met in high school)

Additional requirements that must be met in the student's plan of study:

EDU 222 Creative Expressions for Children and Youth (T2CE) 3 credits

### Human Growth and Development Courses:

In addition to EDU 544: Patterns of Development (3 credits), students must also take PSY 206: Psychology of Childhood (three credits) or PSY 208: Psychology of Adolescence (three credits).

All courses are three credits unless otherwise noted.

### Core Courses (10 credits)

EDU 504 Educational Assessment

EDU 505 Second Language Acquisition and Strategies EDU 511 Learning and Teaching

EDU 555 Education and Society **Elementary Education Courses (26 credits)** EDU 501 Clinical Experience I

EDU 523 Pre-student Teaching: Elementary Schools (taken semester before student teaching)

EDU 532 Issues/Trends: Math (Spring, Summer)

EDU 537 Science in Elementary School

EDU 544 Patterns of Development

EDU 563 Issues/Trends: Social Studies

EDU 582 Teaching Exceptional Learners



- EDU 516 Foundations of Literacy  
 EDU 517 Application of Literacy and Language Arts

**Student Teaching and Culminating experiences (9-12 credits)**

- EDU 565 Classroom Management and Assessment in Elementary School EDU 573 Graduate Student Teaching:  
 Elementary School (Fall, Spring)

**Total 44-47 credits**

**Exit Requirements:** PRAXIS II and Connecticut Foundations of Reading Test

**MASTER OF SCIENCE IN SECONDARY EDUCATION AND CERTIFICATION**

Applicants who have completed a bachelor’s degree from an accredited institution with a major in one of the following areas – Biology, English, Environmental Earth Science, History/Social Studies, or Mathematics – may be eligible for this master’s certification program.

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 in content area; successful completion of other admission requirements and acceptance by the Committee on Admission and Retention in Education (CARE).

- In addition, study in of the following areas is required. HPE 201(one credit) or HPE 210 (three credits)  
 The Arts (three credits) English (three credits) Mathematics (three credits) Natural Sciences (three credits)  
 Social Sciences (three credits)  
 World Language (six credits, if not met in high school)

**Core Courses (10 credits)**

- EDU 504 Educational Assessment  
 EDU 505 Second Language Acquisition and Strategies  
 EDU 511 Learning and Teaching: Concepts and Models EDU 555 Education and Society

**Secondary Education Core Courses (16 credits)**

- EDU 501 Clinical Experience I  
 EDU 510 Content Area Reading and Writing  
 (for non-Secondary English candidates)  
 or EDU 514 Literacy Development for Secondary English  
 EDU 521 Pre-student Teaching: Secondary Schools  
 EDU 544 Patterns of Development: Typical and Exceptional  
 EDU 546 Issues and Applications in Secondary Mathematics  
 or EDU 547 Issues and Applications in Secondary History/Social Studies

or EDU 548 Issues and Applications in Secondary English

or EDU 549 Issues and Applications in Secondary Biology  
and Environmental Earth Science

EDU 582 Teaching Exceptional Learners

EDU 521 Pre-Student Teaching: Secondary Schools

**Student Teaching and Culminating Experiences 2 (9-12 credits)**

EDU 525 Classroom Management and Assessment/Secondary School

EDU 571 Graduate Student Teaching: Secondary Schools

**Total 36-39 credits**

Note: Additional content courses are required based on your area of certification (See attached list). The list of content courses you have already taken or you will be taking must be attached with your signed plan of study.