UCONN
EARLY COLLEGE EXPERIENCE

Instructor Certification Requirements (2027-2026)

Agricultural and Resource Economics

Faculty Coordinator: Dr. Emma Bojinova, Associate professor-in-residence

ARE 1110E: Population, Food, and the Environment

ARE 2210: Essentials of Accounting and Business

Instructor Certification Requirements:

The minimum degree requirement for instructors wishing to teach UConn ECE Agricultural & Resources Economics courses can be met through the following options. Preferred applicants will have a Master's Degree or relevant graduate coursework in a closely related field (as judged by the UConn ARE Department).

Option 1: Instructors should have a Business BA/BS degree and hold a teaching certification endorsed for #010 Business, 7-12; or

Option 2: Instructors should have an agricultural education, natural resources, or a similar BA/BS degree and hold a CT teaching certification endorsed for either #040 Agriculture, PreK-12 or #041 Vocational Agriculture, 7-12; or

Option 3: Instructors should have an environmental science (ARE1110E only), applied economics, resource economics, or a similar BA/BS degree w/relevant coursework; or

Option 4: Instructors hold a Master's Degree in Education and sufficient undergraduate or graduate courses in accounting (ARE2210 only), environmental science (ARE1110E only), economics/resource economics, or business and/or relevant professional development activities.

For this course, the first year of certification is provisional, and the faculty course coordinator will mentor the UConn ECE Instructor and oversee implementation of the syllabus and instruction.

Allied Health Sciences

Faculty Coordinator: Dr. Bruce Blanchard, Assistant Clinical Professor; Dr. Lauren Corso, Assistant Professor-in-residence

AH 1100: Introduction to Allied Health Professions

AH 2001: Medical Terminology

AH 4092: EMT Training

Instructor Certification Requirements:

The minimum degree requirement for instructors wishing to teach UConn ECE Allied Health courses can be met by either of the following options:

Option 1: Instructor should have a Health Science BS major or minor (however, applicants with a MS in a Health Science major will be considered); or

Option 2: Instructor will be certified to teach high school Chemistry or Biology. The first year of certification is provisional when the Department mentors the ECE instructor and oversees the implementation of the syllabus and instruction.

Other factors that contribute to certification include: prior teaching experience, work experiences in science/health related, and recommendations.

Certified instructors will work closely with the Allied Health Sciences Department to offer this class. Regular assessments and a final examination will come from the Allied Health Sciences Department. Additional assessments may be written by the ECE instructor and are approved by the Department.

Applicants for AH 2001 (Medical Terminology) should have documented coursework in the following areas: General Biology, General Chemistry, and Anatomy and Physiology (recommended).

American Sign Language

Faculty Coordinator: Dr. Linda Pelletier, Associate professor-in-residence

ASLN 1102: Elementary American Sign Language

Instructor Certification Requirements:

The minimum degree requirement for instructors wishing to teach UConn Early College Experience ASL Courses can be met through the following options. Preferred applicants will have a master's degree in ASL education or relevant graduate coursework in a closely related field.

Option 1: A master's degree in ASL Education; or

Option 2: A related BA/BS degree and hold a CT teaching certification endorsed for either #057 and #024; or

Option: 3: A master's degree in education with a sufficiently strong ASL background as demonstrated by a passing score of 3+ or higher on the American Sign Language Proficiency Interview (ASLPI).

American Studies

Faculty Coordinator: Karon McGovern, Adjunct Instructor

AMST 1201: Introduction to American Studies

Instructor Certification Requirements:

The preferred requirement for certification in American Studies is a Master's Degree in American Studies. However, applicants with a Master's Degree in Education, paired with a Bachelor's Degree in English or History, may also be eligible to offer AMST 1201. These applicants must have:

- successfully completed one graduate-level course in American Studies Methodology or an equivalent class in American Studies (applicants must explain why this is an equivalent class)

- successfully completed one additional graduate-level course—either in American History (for those with an English degree) or in Literature or Literary Analysis, preferably focused on American Literature (for those with a History degree)
- a minimum of five years of teaching experience at the high school level, specifically in teaching American History, Literature, or American Studies

This course may be team taught between a History and English instructor, where each have at least a Bachelor's Degree and some graduate level training within their respective majors and each have successfully completed one graduate-level course in American Studies Methodology or an equivalent class in American Studies (applicants must explain why this is an equivalent class).

Animal Science

Faculty Coordinator: Faculty Coordinator: Dr. Jenifer A. Nadeau, Associate Professor; Dr. Amy Safran, Lecturer

ANSC 1602: Behavior and Training of Domestic Animals

ANSC 1676: Introduction to Companion Animals

ANSC 2251: Horse Science

Instructor Certification Requirements:

Option 1: Instructor should have an Animal Science BS major or minor; or Option 2: five years of experience teaching in an Agriscience high school. The first year of certification is provisional when the Department mentors the ECE instructor and oversees the implementation of the syllabus and instruction.

Certified instructors will work closely with the Animal Science Department to offer this class. Regular class exams are written by the ECE instructor and are approved by the Department. Final exam comes from the Animal Science Department at Storrs.

Anthropology

Faculty Coordinator: Dr. Alexia Smith, Associate Professor

ANTH 1000: Peoples and Cultures of the World

ANTH 1500: Great Discoveries in Archeology

Instructor Certification Requirements:

The preferred qualifications to become a fully certified Anthropology instructor through UConn ECE is a Bachelor's degree in Anthropology and a Master's degree in Anthropology or History with evidence of a high-level of content mastery.

Instructors may also be certified Provisionally for their first year of teaching the course if they have earned a Bachelor's degree in Anthropology, History, or a closely related subject area and a Master's degree from an accredited University/College (e.g., Education or related academic discipline). Provisionally approved Instructors will also need to audit UConn's ANTH 1000 (online) or 1500 (online) course before their first year of teaching Anthropology courses through UConn ECE. Provisional certification may be updated to full certification status after the completion of the provisional year upon review of the Faculty and UConn ECE Program.

Applicants may be asked for a phone interview.

Arabic

Faculty Coordinator: Dr. Brady Ryan, Assistant Professor

ARAB 1001: Elementary Arabic I

ARAB 1002: Elementary Arabic II

Instructor Certification Requirements:

The minimum degree requirement for instructors wishing to teach UConn Arabic courses through the ECE program is a Master's of Arts degree in Arabic; however, a candidate with Master's in Education with a sufficiently strong Arabic background may be considered. A candidate with a strong Arabic background has either taken graduate courses in Arabic or has been educated (K through 12) in an Arab country. Candidates will be interviewed by the Arabic faculty coordinator before certification is granted

Art

Faculty Coordinator: Douglas Degges, Associate Professor

Art 1030: Drawing I

Instructor Certification Requirements:

The preferred degree requirement for teachers wishing to teach Early College Experience art courses is a BA or BFA in a studio art discipline and a Master of Fine Arts. Applicants with a Master's in Education or other appropriate field can be approved. As UConn adjunct faculty members are professionally active, preferred applicants should demonstrate continuing creative activity external to their educational position. Examples may include (but are not limited to): participation in shows; membership in professional art societies; activity with community art organizations; publications; competitions; art conference participation or presentations; art residencies or fellowships; grants or other funding for artistic projects.

Examples of the applicant's personal and students' work are required components of the application:

Portfolio of Student Work – 15-20 pieces created within the last five years:

Include:

- Black and white work using traditional media (charcoal, graphite, ink, etc.)
- Observed still life and perspective drawing examples (necessary for evaluation)
- Work demonstrating an understanding of the fundamentals of linear perspective, contour line, light and shadow, volume, and composition
- Work in charcoal, graphite, and ink. These are preferable media. Some use of markers is acceptable. The portfolio should be composed primarily of work created using traditional media
- Landscape and portrait work, done from life, can be included but should not be primary
- Label work with media and year of completion

- Work created from a student's own photography should be labeled as such. If included it should be a small part of the portfolio

Do Not Include:

- Work in color. The use of color is not included in ART 1030, Drawing I
- Figure Drawing. Figure work is not included in ART 1030, Drawing I
- Work created from appropriated photographs

Portfolio of Instructor's Work - 15-20 pieces created within the last five years:

- Work showing evidence of the principles of drawing covered in ART 1030, Drawing I), is encouraged but not entirely necessary. These principles include perspective drawing, understanding of line, contour, value, composition, and so on
- Label work with media and year of completion

How to Submit:

- Please provde a link with your application as to where your portfolio work can be referenced
- Make sure instructor and student portfolio samples are clearly identified
- Do not e-mail images

Upon reviewing the application materials, the faculty coordinator in Art may wish to schedule an interview with the candidate or visit the teaching facilities. This on-site visit is a way to be introduced to the program and discuss possibilities for the course.

Asian and Asian American Studies

Faculty Coordinator: Dr. Jason Oliver Chang, Associate Professor

AAAS 2201: Introduction to Asian American Studies

Instructor Certification Requirements:

There are two routes to certification (existing credentials or curriculum lab participation) Existing credentials: possession of an Asian American Studies degree or course work a related humanities field such as History, Literature, Political Science, and Sociology with Asian American content. Curriculum lab participation: teachers may gain certification through participation in the Asian and Asian American Studies Institute's Advanced Pedagogy Curriculum Lab. Other preferred experience includes: an interdisciplinary training or demonstrated practice of interdisciplinary teaching; a master's degree with graduate-level coursework relevant to Asian American studies or related content; participation/membership in local/national organizations related to work with Asian Americans. Instructors must provide compelling evidence that their proposed course is equivalent in rigor and scope to its equivalent at the University of Connecticut.

Biological Sciences

Faculty Coordinator: Dr. Thomas Abbott, Associate Professor-in-residence; Assistant Faculty Coordinator: Dr. Christopher Malinoski, Laboratory Manager

BIOL 1107: Principles of Biology I

BIOL 1108: Principles of Biology II

Instructor Certification Requirements:

The minimum degree requirement for instructors wishing to teach UConn ECE biology courses will be a Masters degree in a subject area, such as cell biology or animal physiology, and have at a minimum 3 years of teaching experience at or above the high school level in the biological sciences. Additionally, the candidate should present on transcripts a diverse and deep breadth of course work and laboratory course work as both an undergraduate and as a graduate student and per degree post a 3.00 or higher Total Science GPA. Of further note, each degree must be of Science: B.S., and M.S.. Applicants will not be considered unless they also provide a detailed lecture and lab syllabus for their proposed Bio1107/1108 courses with their application. Certification also requires an interview with the ECE Biology Coordinator at the Storrs campus.

Applicants for Biology 1107/1108 should have documented successful completion of coursework in the following areas:

- General Biology
- General Chemistry
- Organic Chemistry

Additionally, Biology 1107 applicants should present successful completion of previous course work in the following:

- Genetics
- Microbiology
- Cell biology
- Animal Physiology, Comparative Anatomy or Human Physiology
- One semester of Biochemistry is recommended

Additionally, Biology 1108 applicants should present successful completion of previous course work in the following:

- Plant Physiology or Botany
- Ecology or Environmental/ Conservation Science
- Invertebrate and Vertebrate Zoology
- Evolution Theory
- Animal behavior is recommended

Other factors that contribute to certification include prior teaching experience.

Note: The University's Biology Department will provide exit exams.

Business

Faculty Coordinator: Dr. Vishal Baloria, Associate Professor

BUSN 2235: Personal Financial Literacy

Instructor Certification Requirements:

The minimum degree requirement for instructors wishing to teach UConn ECE Business courses can be met through the following options. Minimally applicants will have a Bachelor's Degree in Accounting, Economics, Finance, Mathematics or a closely related field. Preferred applicants will have a Master's Degree in Accounting, Economics, Finance, Mathematics or in a closely related field (as judged by the UConn BUSN Department).

A candidate with a Master's Degree in Education may also be considered if coupled with a strong undergraduate program and appropriate teaching experience:

Option 1: Instructors have a Business or Accounting BA/BS degree and hold a teaching certification endorsed for either #010 Business (7-12) or #089 Marketing Education (7-12); or

Option 2: Instructors have a Mathematics, Accounting, or Finance BA/BS degree with relevant coursework and hold a teaching certification endorsed for #029 Mathematics (7-12); or

Option 3: Instructors have an Economics BA/BS degree with relevant coursework and hold a teaching certification endorsed for #025/#026 Social Studies (7-12).

Chemistry

Faculty Coordinator: Dr. Fatma Selampinar, Professor-in-residence

CHEM 1124Q: Fundamentals of General Chemistry I

CHEM 1125Q: Fundamentals of General Chemistry II

CHEM 1127Q: General Chemistry I

CHEM 1128Q: General Chemistry II

Instructor Certification Requirements:

The minimum degree requirement for instructors wishing to teach UConn Early College Experience chemistry courses is a Bachelor's of Science in Chemistry. A Master's degree in Chemistry is preferred. A candidate with a Master's in Education and a sufficiently strong and well balanced chemistry background may be also considered for certification. All candidates must have successfully completed:

- 2 semesters of general chemistry
- 2 semesters of organic chemistry
- 2 semesters of Analytical chemistry (1 semester lab, 1 semester lecture would be acceptable)
- 2 semesters of Inorganic chemistry (1 semester lab, 1 semester lecture would be acceptable)
- 2 semesters of Physical chemistry (1 semester lab, 1 semester lecture would be acceptable)

*Please note that certification for CHEM 1124Q/CHEM 1125Q may not automatically qualify for CHEM 1127Q/CHEM 1128Q

Note: Chemistry cannot be taught at a high school that runs on a block schedule. The University's Chemistry Department will provide examinations, laboratory assignments, and other resources to participating Instructors.

Chinese

Faculty Coordinator: Dr. Chunsheng (George) Yang, Professor

CHIN 3210: Chinese Conversation and Composition I

CHIN 1114: Intermediate Chinese II

CHIN 3211: Chinese Conversation and Composition II

Instructor Certification Requirements:

The minimum degree requirement for instructors wishing to teach UConn Early College Experience Chinese courses is a Master's Degree in Chinese or a Master's Degree in Education with at least two years of Chinese teaching; however, a candidate with a Bachelor's Degree in Chinese who has completed Chinese coursework at the graduate-level or who has taught Chinese for at least six years may be considered. Candidates may be interviewed by the Chinese faculty coordinator before certification is granted.

Civil Engineering

Faculty Coordinator: Dr. Sarira Motaref, Professor-in-residence

CE 2110: Applied Mechanics I

Instructor Certification Requirements:

The preferred degree requirements for teachers wishing to teach Engineering courses is a Master's degree in Engineering or a related field; however a Master's in Education with and appropriate engineering background may be considered. The minimum requirements for certification include a Bachelor's degree in Engineering and an Engineering/Physics background, or related experience. The instructor should show a comfort with calculus.

Classics and Ancient Mediterranean Studies

Faculty Coordinator: Dr. Sara Johnson, Associate Professor

CAMS 1103: Classical Mythology

CAMS 3101: Topics in Advanced Greek

CAMS 3102: Topics in Advanced Latin

Instructor Certification Requirements:

The minimum degree requirement for teachers wishing to teach Early College Experience classics courses is usually a Master's of Arts in Classics or a related field. A candidate with a Master's in Education may be considered if supported by equivalent classical coursework at the undergraduate and graduate-level.

Additional 1103 Requirements: The form of CAMS 1103 to be offered must conform closely to the form offered at UConn. Candidates who have not previously worked with Professor Travis may apply for temporary certification, with full certification pending completion of the online course and a follow-up certification interview. Candidates should understand that this process may take several months to a year and that full certification must be

completed before instructors may apply for permission to list the course in the following year. Applications for this course must be submitted a year in advance of the planned year the course will be taught in the high school.

Communications

Faculty Coordinator: Dr. Svetlana Kalnova, Assistant professor-in-residence

COMM 1000: The Process of Communication

COMM 1100: Principles of Public Speaking

Instructor Certification Requirements:

The preferred degree requirement for instructors wishing to teach UConn Communication courses through Early College Experience is a Master's degree in Communication and three years of Communication teaching experience or related teaching experience at the high school level.

The minimum degree requirement for instructors seeking Communication certification is a Bachelor's degree in Communication or related social science field (such as, but not limited to Psychology, Sociology, Political Science) and a conferred Master's degree in Education or a related field. Successful completion of three graduate level Communication courses from an accredited college or University, and three years of Communication teaching experience or related teaching experience at the high school level is also required.

All newly approved Instructors will be certified on a first year provisional basis and required to audit UConn's Comm 1000 and/or 1100 course(s) before their first year of teaching. Pending recommendation by the Faculty Coordinator, certification can be updated from provisional to full status at the end of the academic year.

Computer Science and Engineering

Faculty Coordinator: Mr. David Strimple, Lecturer

CSE 1010: Introduction to Computing for Engineers

Instructor Certification Requirements:

The preferred requirement for instructors wishing to teach UConn ECE Computer Science is a Master's degree in computer sciences, or a Master's in a related field with appropriate level undergraduate computer science background. A candidate with a Master's in Education and an appropriate computer science background and relevant computer science teaching experience may be considered.

All candidates will be required to attend a 1-week CSE Professional Development Summer Workshop hosted by UConn to obtain ECE instructor status.

Digital Media & Design

Faculty Coordinator: Mr. Kenneth Thompson, Assistant Professor-in-residence

DMD 1002: Foundations in Digital Media II

DMD 1101: Design Lab I

DMD 1102: Design Lab II

DMD 2210: Film and Video Editing I

DMD 2500: Introduction to Game Design

Instructor Certification Requirements:

The minimum degree requirement for teachers wishing to teach Early College Experience Digital Media Design courses is usually a BA or BFA in Education, Design/Art/Film (or Game Development, Computer Science, Digital Media/Art for DMD 2500). Please provide link with your application as to where your portfolio work can be referenced, making sure instructor and student portfolio samples are clearly identified. Additional course-specific certification requirements are listed below.

DMD 1002 Applicants must possess a basic understanding of storytelling principles, narrative arcs, and how to utilize storytelling techniques in visual media. In addition, a qualified applicant must have a basic knowledge of design principles, visual aesthetics, photoshop, and adobe premiere (or similar editing software).

Instructor Work:

- At least one example of previsualization techniques such as storyboarding, mood boarding, and pitches
- At least three examples of effective storytelling using audio, photo, or video that adheres to the principles of design

Current Exemplary Student Work:

- Two items each. Storyboards, Pitches, Photography, Video, and Audio

DMD 1101 Applicants must possess a basic understanding of visual communication using elements and principles of design. In addition, a qualified applicant must demonstrate knowledge of standard typographic, photographic, and cinematic composition terms and principles, as well as and Photoshop (taught) Procreate or Gimp (optional).

Instructor Work:

- 5-10 examples of digital raster projects that demonstrate an understanding of color, value, light, silhouette, and discuss how the content in this work reflects a specific theme

Current Exemplary Student Work:

- 5-10 raster-based drawings and evidence of a critique-based practice

DMD 1102 Applicants must possess a basic understanding of visual communication principles and design techniques. In addition, a qualified applicant must have a basic knowledge of human-centered design and its relationship to typographic adjustments such as contrast and readability, and: Illustrator, After Effects, and XD (or similar editing software)

Instructor Work:

- 5-10 examples of digital raster projects that demonstrate an understanding of color, value, light, silhouette, and discuss how the content in this work reflects a specific theme

Current Exemplary Student Work:

- 5-10 vector-based drawings and evidence of a critique-based practice

DMD 2210 Applicants must possess a basic understanding of storytelling principles and narrative arcs, and how to utilize storytelling techniques in visual media. In addition, a qualified applicant must have a basic understanding of design principles and visual aesthetics as well as photoshop and adobe premiere (or similar editing software).

Instructor Work:

- At least one example of previsualization techniques such as storyboarding, mood boarding, and pitches
- At least three examples of effective storytelling using video that adheres to the design principles of film

Current Exemplary Student Work:

- Two items each. Storyboards, Scripts, Three to five short films

DMD 2500 Applicants must possess a basic understanding of game design principles and implement them in a visual scripting or programming language. In addition, a qualified applicant must have a basic knowledge of either 2D or 3D graphics in run-time environments and a professional off-the-shelf game engine.

Instructor Work:

- One to three examples of games or apps implemented through a coding language such as C# or Python or visual scripting. (Include code samples or screenshots of your scripts)
- At least two examples of digital or analog projects such as card games or custom Role-Playing Game campaigns that adhere to the principles of game design and storytelling

Current Exemplary Student Work:

- 3-5 games that adhere to the principles of game design, 2-4 code samples (visual scripting screenshots are acceptable)

Dramatic Arts

Faculty Coordinator: Dr. Adrienne Macki, Associate Professor

DRAM 1101: Introduction to Theatre

DRAM 3141: Playwriting

Instructor Certification Requirements:

The preferred degree requirements for teachers wishing to teach Early College Experience Dramatic Arts courses is a BA or BFA in Theater/Drama/Performance and a Master of Fine Arts or PhD.

Applicants with a master's degree in education or other appropriate field, successful teaching experience within the dramatic arts, and demonstrated experience with the following unique instructor requirements may be approved.

DRAM 1101 Applicants should reflect a deep understanding of both theatre theory and practice, including acting techniques, directing, play analysis, playwriting, dramaturgy, and production design.

DRAM 3141 Applicants must possess a basic understanding of playwriting principles, teaching dramatic structure, character, and dialogue. Experience with monologue and scene writing as well as familiarity with staged readings, script development and the new play development pipeline is strongly preferred. In addition, a qualified applicant

should have experience with peer workshop models and feedback methods such as Liz Lerman's methods in the critical response process. Experience with devised theatre methodology is also highly desirable.

As UConn adjunct faculty members are professionally active, preferred applicants should demonstrate ongoing creative engagement beyond their academic roles. This may include but is not limited to professional experience in theatre (e.g., acting, directing, playwriting, dramaturgy) ; membership in professional theatre organizations, professional associations/societies; activity with theatre organizations; production or publications; competitions; theatre conference participation or presentations; residencies or fellowships; grants or other funding for artistic projects.

Professional and students work samples are required components of the application:

DRAM 1101 Portfolio

Instructor Work:

Sample course syllabus, sample lesson plans

Examples of acting, directing, playwriting, or design work

Current Exemplary Student Work:

Two items each: creative work in acting, directing, playwriting, and/or design

DRAM 3141 Portfolio

Instructor Work:

Sample course syllabus

Examples of full-length play, 10-minute plays, and monologues

Current Exemplary Student Work:

Two items each: full-length play and 10-minute plays

How to Submit:

Please provide a link with your application as to where your portfolio work can be referenced

Make sure instructor and student portfolio samples are clearly identified

Upon reviewing the application materials, the faculty coordinator in Dramatic Arts may wish to schedule an interview with the candidate.

Earth Sciences

Faculty Coordinator: Dr. Robert Thorson, Professor

ERTH 1000E: The Human Epoch: Living in the Anthropocene

ERTH 1051: Earth's Dynamic Environment

ERTH 2800E: Our Evolving Atmosphere

Instructor Certification Requirements:

The minimum requirements for instructors wishing to teach UConn Early College Experience Earth Sciences courses are typically a Master's of Science in geology, geoscience, environmental science or a related field and 2 years high school science teaching experience. Applicants also will be considered if they have a Master's of Education with a concentration in one of the Earth Sciences, a Bachelor's of Science in the natural sciences with college level Earth Science, and 4 years high school science teaching experience. Applicants should provide a proposed course syllabus that follows the UConn schedule for ERTH 1000E, ERTH 1051 and ERTH 2800 as listed in the sample syllabus closely to ensure course comparability.

Economics

Faculty Coordinator: Dr. Natalia Smirnova, Associate Professor-in-residence

ECON 1000: Essentials of Economics

ECON 1201: Principles of Microeconomics

ECON 1202: Principles of Macroeconomics

Instructor Certification Requirements:

There are two faculty ranks associated with UConn ECE Economics—Instructor and Preceptor. The minimum requirement for teachers wishing to become a UConn ECE Economics Instructor is a Master's Degree in Economics or equivalent experience (as judged by the UConn Economics Department).
The minimum requirement for teachers wishing to become a UConn ECE Economics Preceptor is the potential for teaching Economics which includes a Bachelor's degree in Economics and/or equivalent experience in the field.
The role of ECE Economics instructor and preceptor differ in the levels of independence determined by the University's faculty coordinator in Economics. Preceptors may be encouraged to seek full certification by completing additional coursework in Economics.

Education

Faculty Coordinator: EDCI: Dr. Michele Back, Associate Professor; Dr. Thomas Levine, Associate Professor. EDLR: Dr. Danielle DeRosa, Assistant professor-in-residence. EPSY: Dr. Joseph Madaus, Professor

EDCI 1100: If You Love It, Teach It

EDLR 1162: Health and Education in Urban Communities

EDLR 2001: Contemporary Social Issues in Sport

EPSY 1100: Introduction to Special Education

Instructor Certification Requirements:

EDCI 1100: The minimum degree requirement for instructors wishing to teach UConn EDCI 1100 through UConn ECE is a Master's degree in Education or Curriculum and Instruction, or an administrative endorsement (092). Applicants should have at least three years of public school teaching experience.

EDLR 1162: The minimum degree requirement for teachers wishing to teach Early College Experience EDLR 1162: Health and Education in Urban Communities is typically a Master's degree in a related field. A Master's in an education or health related field of study would be ideal, but other degrees will be considered. The first year of certification is provisional, and the faculty course coordinator will mentor the ECE instructor and oversee implementation of the syllabus, instruction and service learning component of the course. Following the provisional period, certified instructors can gain full certification and work closely with the faculty course coordinator to offer this course. All applications must include a completed EDLR 1162 Service Site Info Form.

ELDR 2001: The minimum degree requirement for teachers wishing to teach EDLR 2001: Contemporary Social Issues in Sport is typically a Bachelor's degree in Sport Management or a related field, such as kinesiology, education, health, sociology, political science. Preferred applicants will have a Master's degree with relevant graduate work to sport management, education, health, sociology, political science. For this course, the first year of certification is provisional, and the faculty course coordinator will mentor the ECE instructor and oversee implementation of the syllabus, instruction and service learning component of the course.

EPSY 1100: The minimum degree requirements for teachers wishing to teach EPSY 1100 courses is a Masters degree in Special Education or Sixth Year certificate in special education and experience as a special education teacher. This course has a clear institutional approach with requires adherence to the UConn syllabus (See sample). In your cover letter, please speak to your background, experience, and your ability to implement the UConn curriculum at the high school.

Engineering

Faculty Coordinator: Dr. Arash Zaghi, Professor; Michael Vaccaro, Assistant Research Professor

ENGR 2001: AI Literacy (AI for All)

Instructor Certification Requirements:

The preferred degree requirements for instructors wishing to teach UConn ECE AI Literacy are as follows. Minimally, applicants will hold a master's degree in their content area or in Education with demonstrated previous experience supporting digital literacy, ethical conversations and incorporating technology in the classroom. Applicants who have experience in computer science, programming, or AI and/or the integration of technology in the classroom may be best situated to demonstrate proficiency with AI workflows and learning models and engage in collegiate level dialogue regarding the technology's societal impact, critical thinking about AI, and novel application.

*Instructor candidates must be sure to highlight their experience with Frontier GenAI platforms through their cover letter & resume/CV as part of the application.

This course can exist in STEM, humanities and CTE departments inclusive of those course offerings delivered by educators who hold #062, School Library Media Specialist, certification.

For this course, the first year of certification is provisional, and the UConn faculty coordinator will mentor the UConn ECE Instructor and oversee implementation of the syllabus and instruction. Full certification is dependent upon an instructors' successful first year of teaching the course as determined by the ECE faculty coordinator for ENGR 1195.

English

Faculty Coordinator: First Year Writing (ENGL 1007) & Introduction to Academic Writing (ENGL 1004): Dr. Scott Campbell, Associate Professor
Writing Center (ENGL 3082): Dr. Tom Deans, Professor
Site Visitors: Dr. Tom Doran, Assistance Professor-in-residence; Dr. Danielle Gilman, Assistant Professor in Residence

ENGL 1004: Introduction to Academic Writing

ENGL 1007: Seminar and Studio in Academic Writing and Multimodal Composition

ENGL 3082: Writing Center Practicum

Instructor Certification Requirements:

The preferred preparation for teaching Early College Experience English courses is a Master's of Arts degree in English. The minimum degree requirement for teachers wishing to teach Early College Experience English courses is a Master's of Arts degree in Education with demonstrated secondary English teaching experience.
For all applicants, evidence of graduate coursework in rhetoric and composition: specially courses directly related to the teaching of writing from a college or university English or Writing Department (not a School of Education), is required.
Applications require a sample syllabus that demonstrates the applicant's familiarity with UConn FYW course goals and practices. This sample can be a revised version of an existing course syllabus or a draft of a new course. Applicants who submit an existing syllabus created by another instructor should write 1–2 paragraphs describing how they intend to revise the syllabus for their own course. Applicants who submit a new draft syllabus should include a course inquiry overview, descriptions of major course projects, and a list of assigned readings.
Beginning in January 2024, applicants who cannot demonstrate evidence of graduate coursework in rhetoric and composition must take ENGL 5100: Theory and Teaching of Writing through UConn's online summer offerings.
Instructors looking to qualify for ENGL 3082: Writing Center Practicum must be eligible to teach ENGL 1007, or are currently certified to teach ENGL 1007 through UConn ECE and the partner school must currently have, or is planning to launch, a high school writing center. Instructors must attend UConn's Secondary School Writing Centers Conference at least every other year, and preferably each year.
Instructors looking to qualify for ENGL 3082: Writing Center Practicum must be eligible to teach ENGL 1007, or are currently certified to teach ENGL 1007 through UConn ECE and the partner school must currently have, or is planning to launch, a high school writing center. Instructors must attend UConn's Secondary School Writing Centers Conference at least every other year, and preferably each year.

French

Faculty Coordinator: Dr. Florence Marsal, Associate Professor-in-residence

FREN 3250: Global Culture I

FREN 3268: Grammar and Composition

Instructor Certification Requirements:

The minimum degree requirement for instructors wishing to teach UConn ECE French courses is a Master's of Arts degree in French; however, a candidate with Master's in Education with a sufficiently strong French background may be considered. A candidate with a strong French background has either taken graduate courses in French or has been educated (K through 12) in a Francophone country. Candidates will be interviewed by the French faculty coordinator before certification is granted.

German

Faculty Coordinator: Dr. Anke Finger, Professor

GERM 3233: Building Language Skills through Culture I

GERM 3255: Studies in 20th Century German Literature

Instructor Certification Requirements:

The preferred requirement for instructors wishing to teach UConn ECE German courses is a Bachelor's Degree in German/German Studies and a Master's Degree in German/German Studies. If the instructor has a Bachelor's Degree in German and a Master's Degree in Education or another equivalent field (e.g., International Studies), the instructor needs to complete at least two scholarly courses in the study of German/German Studies. The courses should be in a Graduate German Studies Department from an accredited university in the United States.

History

Faculty Coordinator: HIST1300: TBD.
HIST1400: Dr. Thomas Maulucci, Adjunct faculty
HIST1501 & HIST1502: Dr. Matthew McKenzie, Professor

HIST 1300: Western Traditions Before 1500

HIST 1400: Modern Western Traditions

HIST 1501: United States History to 1877

HIST 1502: United States History Since 1877

Instructor Certification Requirements:

The minimum degree requirement for instructors wishing to teach ECE History courses is a B.A. in History with at least four graduate courses (12 credits, half the number required for a Master's degree) in European history.

Human Development & Family Sciences

Faculty Coordinator: Dr. Shannon Weaver, Associate Professor; Dr. Brian Chapman, Assistant professor-in-residence

HDFS 1070: Individual & Family Development

Instructor Certification Requirements:

Two items each: creative work in acting, directing, playwriting, and/or design

Human Rights

Faculty Coordinator: Dr. Sandra Sirota, Assistant Professor-in-residence

HRTS 1007: Introduction to Human Rights

HRTS 2200: Introduction to Genocide Studies

Instructor Certification Requirements:

HRTS 1007: The minimum requirement for certification in Human Rights is a Bachelor's degree in Human Rights, or a related field such as Global Studies, Political Science, or History. Preferred applicants will have an interdisciplinary and global academic background, a master's degree with graduate-level coursework relevant to human rights, and/or engaging in global humanitarian programs, international organizations or other related work throughout their careers. Instructors must provide compelling evidence that their proposed course is equivalent in rigor and scope to its equivalent at the University of Connecticut.
HRTS 2200: The minimum requirement for certification in Genocide Studies is a Bachelor's degree in Human Rights or Genocide Studies, or a related field such as Global Studies, Political Science, or History. Preferred applicants will have an interdisciplinary and global academic background, a master's degree with graduate-level coursework relevant to genocide studies, and/or engaging in global humanitarian programs, international organizations or other related work throughout their careers. Instructors must provide compelling evidence that their proposed course is equivalent in rigor and scope to its equivalent at the University of Connecticut.

Italian Literature and Cultural Studies

Faculty Coordinator: Dr. Tina Chiappetta-Miller, Associate Professor-in-residence

ILCS 3239: Composition & Conversation I

ILCS 3240: Composition & Conversation II

Instructor Certification Requirements:

The minimum degree requirement for instructors wishing to teach Early College Experience Italian courses is a Master's in Italian; however, a Master's in Education and appropriate Italian background may be considered.

Kinesiology

Faculty Coordinator: Allison MacKenzie, Instructor-in-residence

KINS 1100: Exercise and Wellness for Everyone

Instructor Certification Requirements:

Instructor Work:

Latino and Latin American Studies

Faculty Coordinator: Dr. Anne Gebelein, Associate Director, El Instituto and Associate Professor-in-residence

LLAS 1190: Introduction to Latin America

Instructor Certification Requirements:

The minimum degree requirement for instructors wishing to teach UConn ECE LLAS courses is a Master's of Arts degree in Latin American Studies, or in Anthropology History, Political Science or Spanish with a focus on the study of Latin American and the Caribbean; however, a candidate with Master's in Education with a sufficiently strong LLAS background may be considered. A candidate with a strong LLAS background has either taken graduate courses in LLAS or has been educated (K - 12 and potentially beyond) in a Latin American country.

Marine Science

Faculty Coordinator: Dr. Claudia Koerting

MARN 1001: The Sea Around Us

MARN 1002E: Introduction to Oceanography

MARN 1003E: Introduction to Oceanography with Laboratory

Instructor Certification Requirements:

The minimum requirements for instructors wishing to teach UConn Early College Experience Marine Sciences (MARN 1002/1003E) are a Master of Science in Oceanography, Marine Sciences, Marine Biology, or a related field and 2 years high school teaching experience in marine science/marine biology and advanced science courses. Applicants will be considered for Marine Sciences (MARN 1002/1003E and/or MARN 1001E) if they have a Master of Education with a concentration in science or environmental science, a Bachelor of Science in the natural sciences and 4 years high school teaching experience in marine science/marine biology and advanced science courses.

Maritime Studies

Faculty Coordinator: Dr. Matt Cieslowski

MAST 1200: Introduction to Maritime Culture

Instructor Certification Requirements:

The preferred requirements for ECE instructor certification in Maritime Studies is an instructor who has a Bachelor's Degree in Maritime Studies and has completed graduate level coursework in both English and History. At a minimum, applicants with a Master's Degree in English, History, or Education will be considered. Applicants with a Master's Degree in Education should have a Bachelor's Degree in English or History. Applicants missing evidence of relevant Maritime Studies coursework will be required to successfully participate in a spring semester workshop series comprised four synchronous virtual evening workshops.

Please Note: MAST 1200 may be team taught between a History and an English instructor where each have at least Bachelor's Degree and some graduate-level training within their respective majors.

Mathematics

Faculty Coordinator: Dr. Anthony Rizzie, Associate Professor-in-residence; Dr. Andrew Jaramillo, Assistant Professor-in-residence

MATH 1030Q: Elementary Discrete Mathematics

MATH 1070Q: Mathematics for Business and Economics

MATH 1131Q: Calculus I

MATH 1132Q: Calculus II

MATH 2110Q: Multivariable Calculus

Instructor Certification Requirements:

MATH 1030Q, 1070Q*, MATH 1131Q**, & MATH 1132Q** The minimum degree requirement for instructors wishing to teach UConn ECE mathematics courses is typically a Master's degree in Mathematics. In exceptional cases, a strong Bachelor's degree in Math with evidence that the candidate is enrolled in a program to earn a Master's degree may be considered. A candidate with a Master's in Education may also be considered if coupled with a strong Bachelor's degree in Mathematics.

ECE Instructors currently certified to teach MATH 1030Q, MATH 1131Q, 1132Q or MATH 2110Q will be eligible to add MATH 1070Q to their certification upon submission of an approved course syllabus.

New Applications for MATH 1070Q will take into account candidates who have a Master's degree in Business or Economics, or a Master's in Education with a strong bachelor's degree in Business or Economics. Please note approval to teach MATH 1070Q may not lead to approval to teach additional course offerings without sufficient math coursework.

Interviews will be conducted before certification is granted. The Math Department will not certify candidates that have earned a degree completely through online coursework or who do not have a degree in an appropriate field.

MATH 2110Q To be eligible for certification in MATH 2110Q, instructors must first meet requirements to teach MATH 1131Q and 1132Q (possess a strong background as a math major and have a grade of at least a B in a Real Analysis I course). Instructors seeking to be certified in MATH 2110Q in addition to MATH 1131Q and 1132Q should have successfully taught each course at least twice. Additionally, to be certified to teach MATH 2110Q, instructors should possess a very strong background as a math major and have successfully completed at least four upper-level, proof-based courses (Real Analysis I & II, Abstract Algebra I & II, Abstract Linear Algebra, Complex Analysis, Differential Geometry, Number Theory, etc.) with a grade of a B or higher in each course. Exceptions may be made in extenuating circumstances at the discretion of the faculty coordinator.

The transcript must include at least one course on the theory of calculus (i. e., Real Analysis or Theoretical Advanced Calculus) with a grade of B or better.

Mechanical Engineering

Faculty Coordinator: Dr. Jorge Paricio Garcia, Associate Professor-in-residence (SolidWorks); Prof. Edward Weingart, Associate Professor (AutoCAD)

ME 2140: Computer-Aided Design and Manufacturing

Instructor Certification Requirements:

The preferred degree requirements for instructors wishing to teach UConn ECE SolidWorks & AutoCAD courses are as follows. Minimally applicants will have a Bachelor's Degree in Fine Arts, Engineering, Education Technology, or a closely related field. Preferred applicants will have a Master of Fine Arts, Engineering or Master's Degree in Technology/Engineering Education and hold a teaching certification endorsed for #047 Technology Education, PK-12.

Instructors applying for SolidWorks must submit a portfolio of work samples which demonstrates:

- Show literacy in SolidWorks (Does not have to be the latest version).
- Show at least two examples of 3D modeling and two examples of a Drawing done based on those two examples. The drawings are to include at least two orthographic views, one isometric view, and a Title Block.

Instructors applying for AutoCAD must submit a portfolio of work samples which demonstrates:

- Show literacy in AutoCAD (does not have to be the latest version).
- Show at least two examples of drafting using AutoCAD.

Music

Faculty Coordinator: Dr. Louis Hanzlik, Professor
Acting Faculty Coordinator: Mr. Austin Fitterer, Graduate Student

MUSI 1001: Music Appreciation

MUSI 1003: Popular Music and Diversity in American Society

MUSI 1011: Fundamentals/Ear Training I

MUSI 1012: Fundamentals/Ear Training II

Instructor Certification Requirements:

The minimum degree requirement for instructors wishing to teach Early College Experience Music courses is usually a Master's of Arts degree in Music; however, a candidate with Master's in Education and sufficiently strong music background may be considered.

How to Submit:

Please provide a link with your application as to where your portfolio work can be referenced

Natural Resources and the Environment

Faculty Coordinator: Dr. Isaac (Morty) Ortega, Associate Professor

NRE 1000E: Environmental Science

Instructor Certification Requirements:

The minimum degree requirement for instructors wishing to teach Early College Experience Environmental Science courses is a Master's Degree in one of the environmental science fields (e.g. environmental biology, natural resources, chemistry, earth science, geography, economics) or Education and experience in education and study in environmental science.

Nutritional Sciences

Faculty Coordinator: Dr. Molika Chea, Lecturer

NUSC 1165: Fundamentals of Nutrition

Instructor Certification Requirements:

Make sure instructor and student portfolio samples are clearly identified

Pharmacy

Faculty Coordinator: Dr. Charles White, Distinguished Professor

PHAR 1002: Fundamentals fo Pharmacology

PHRX 3057: Discovering the Leader Within

Instructor Certification Requirements:

The minimum degree requirement for instructors wishing to teach UConn Early College Experience Pharmacy courses can be met through the following options.

Preferred applicants for the PHAR 1002 course will have a master's degree in Pharmaceutical, Biological, or Health Sciences, or have successfully completed relevant graduate coursework in a closely related Health Science field as determined by UConn's School of Pharmacy faculty.

Option 1: A Pharmaceutical, Biological, or Health Sciences BS/MS; or

Option 2: A Master's degree in Education with a Bachelor's degree in Pharmaceutical Sciences, Biological Science, Health Science, or a closely related field; and hold a CT teaching certification endorsed for either #030 (Biology, 4-12) or #031 (Chemistry, 4-12); or

Option 3: A CT certified teacher in a biomedical program who holds either #103/#109 (Health Occupations) and is a licensed health care provider (EMT, paramedic, certified pharmacy technician) or has equivalent work experiences in science/health related with recommendations.

Philosophy

Faculty Coordinator: Dr. Mitch Green, Professor

PHIL 1101: Problems of Philosophy

PHIL 1108E: Environmental Philosophy

Instructor Certification Requirements:

Upon reviewing the application materials, the faculty coordinator in Dramatic Arts may wish to schedule an interview with the candidate.

Instructor Resources:

Physics

Faculty Coordinator: Dr. David Perry, Adjunct Faculty

PHYS 1201Q: General Physics I

PHYS 1202Q: General Physics II

PHYS 1401Q: General Physics with Calculus I

PHYS 1402Q: General Physics with Calculus II

Instructor Certification Requirements:

The minimum degree requirement for teachers wishing to teach UConn ECE physics courses is a Bachelor's degree in physics with at least 3.0 GPA in the basic calculus level physics course, an overall 2.5 GPA for all physics courses on the transcript, plus two years teaching experience at the high school level. Faculty should have a calculus background. Candidates with a Master's degree or Ph.D. in physics will be considered without the two-year teaching experience requirement.

Plant Science

Faculty Coordinator: Dr. Julia Kuzovkina, Professor

PLSC 1100: Turfgrass Management

PLSC 1110: Fundamentals of Horticulture

PLSC 1150: Agricultural Technology and Society

PLSC 2120: Environmental Soil Science

PLSC 2520: Floral Art

PLSC 3230: Biotechnology- Science, Application, Impact, Perception

PLSC 3245: Plant Breeding and Biotechnology

PLSC 3530: Advanced Floral Design

Instructor Certification Requirements:

The minimum requirements for instructors wishing to become certified to teach **PLSC** courses is a Bachelor's and Master's degrees in plant science or a related discipline and three years teaching experience. A Master's degree in Education may be acceptable if applicants completed sufficient undergraduate and graduate courses in plant science and related disciplines. Access to a lab, and other resources are required to support applied learning

opportunities of the courses. Other factors that will be considered include instructor's experience in applied aspects of plant science and participation in professional development activities. Teachers must submit a detailed lecture and lab syllabus with their application for certification.

Political Science

Faculty Coordinator: Oksan Bayulgen, Associate Professor; Evan Perkoski, Assistant Professor

POLS 1002: Introduction to Political Theory

POLS 1202: Introduction to Comparative Politics

POLS 1402: Introduction to International Relations

POLS 1602: Introduction to American Politics

Instructor Certification Requirements:

The minimum degree requirement for instructors wishing to teach Early College Experience political science courses is a Master's of Arts degree in political science or a law degree. Applicants may also be certified to teach one of the four introductory courses if they complete three political science graduate classes in the designated field. These three classes must be approved by the Department of Political Science and UConn ECE before enrollment.

Public Health

Faculty Coordinator: Dr. David Gregorio, Professor

PUBH 1001: Introduction to Public Health

Instructor Certification Requirements:

The minimum degree requirement for instructors wishing to teach UConn ECE Public Health course can be met through the following options. Preferred applicants will have a Master's Degree in Health Sciences, Biology, History, Law, Political Science, Public Policy or in a closely related field (as judged by the UConn PUBH Department).

A candidate with a Master's Degree in Education may also be considered if coupled with a strong undergraduate program and appropriate teaching experience in the fields mentioned above.

Currently certified UConn ECE Instructors in Allied Health, Biology, History and Political Science are eligible to add PUBH 1001 to their approved certification areas upon completion of an updated application and PUBH approved draft course syllabus.

Sociology

Faculty Coordinator: Dr. Ingrid Semaan, Professor-in-residence

SOCI 1001: Introduction to Sociology

Instructor Certification Requirements:

1. M.A. in Sociology

-OR-

2. B.A. in Sociology or a related social science field (such as, but not limited to, Political Science, Human Rights, or Anthropology), and three graduate courses in Sociology. Successful candidates need to have earned a Master's degree (education or other department). One graduate course in sociology may be replaced with comparable experience depending on undergraduate major, teaching experience or related qualifications.

Spanish

Faculty Coordinator: Dr. Eduardo Urios-Aparisi, Associate Professor; Dr. Celines Villalba Rosado, Associate Professor-in-residence

SPAN 3177: Composition & Reading for Spanish Speakers

SPAN 3178: Intermediate Spanish Composition

SPAN 3179: Spanish Conversation: Cultural Topics

Instructor Certification Requirements:

The minimum requirement for instructors wishing to teach Early College Experience Spanish courses is a Bachelor's Degree in Spanish and a Master's Degree in Spanish. If the instructor has a Bachelor's Degree in Spanish and a Master's Degree in Education, the instructor needs to complete at least two scholarly courses in the study of Spanish and/ or Spanish American Literature. The courses should be in a Graduate Spanish Department from an accredited university in the United States and approved by the UConn ECE Faculty Coordinators for Spanish and the UConn ECE program before enrollment.

Statistics

Faculty Coordinator: Dr. Nalini Ravishanker, Professor

STAT 1100Q: Elementary Concepts of Statistics

Instructor Certification Requirements:

The preferred requirement for instructors wishing to teach UConn ECE statistics courses is a Master's of Science degree in Statistics, or a Master's in a related area with appropriate level undergraduate statistics background and/or undergraduate or graduate courses at least two levels above Statistics 1100QC. A candidate with a Master's in Education and an appropriate statistics background may be considered. Reasonable courses at the undergraduate-level in applied statistics are STAT 2215Q or STAT 3115Q, or equivalent. Reasonable courses at the undergraduate-level in statistical methods are STAT 3025Q or STAT 3375Q or STAT 3445, or equivalent. A grade of B or better in these courses will be required. UConn's course catalog for statistics can be found online at UConn Catalog for comparison.

**Applicants must provide a detailed list and course descriptions of their completed statistics coursework for review. This list of courses should identify the equivalence to the UConn courses mentioned above.

University

Faculty Coordinator: Cody D. Ryan

UNIV 1820: First Year Seminar - Intro to Making

Instructor Certification Requirements:

The preferred degree requirements for instructors wishing to teach UConn ECE Intro to Making are as follows. Minimally, applicants will hold a Master's Degree in a related field and hold a CT teaching certification endorsed for one of the following endorsement

areas:

- #042, Art (PK-12) or;

- #047, Technology Education (PK-12) or;

- #062, School Library Media Specialist.

For this course, the first year of certification is provisional, and the faculty course coordinator will mentor the UConn ECE Instructor and oversee implementation of the syllabus and instruction.