Environmental Engineering Program

GUIDE TO COURSE SELECTION

Fall 2019

Environmental Engineering Program
261 Glenbrook Road, U-3037
Storrs, CT 06269-3037
Tel: (860) 486-3548
Fax: (860) 486-2298
Website: http://www.environ.engr.uconn.edu
**PROGRAM EDUCATIONAL OBJECTIVES**

We provide a holistic learning environment that requires students to integrate scientific principles and apply them to natural and engineered systems. Students are challenged with real life problems that rely on field investigation, laboratory testing and synthesis through mathematical modeling. The curriculum maintains a close relationship with practicing professionals and provides students with a strong background in mathematics, physical sciences, and engineering fundamentals.

The Environmental Engineering undergraduate program educational objectives are to impart our alumni/ae with the knowledge and skills needed to:

- actively contribute to the practice and profession of engineering, including management and administration, in the public, private or academic sectors in the technical area of environmental engineering;
- follow a path towards leadership in the profession that can include becoming licensed professional engineers, assessing the impact of human activities on the environment, designing and constructing solutions to minimize and mitigate such impacts, and tending to the natural environment as our life support system; and
- practice lifelong learning through post-graduate and professional education.

These objectives are accomplished by:
1. Offering rigorous and highly relevant courses that meet or exceed ABET accreditation requirements to enable fundamental knowledge transfer while engaging students in problem solving projects, interactive activities, and hands-on experiments.
2. Completion of a sequence of Environmental Engineering Design courses that provide the capstone experience and involve participation by Professional Engineers.

**PROGRAM GUIDELINES**

The program is designed to comply with both the ABET Engineering Criteria for Environmental Engineering and the University of Connecticut guidelines. Students should be able to pass the Fundamentals of Engineering (FE) exam and the Professional Engineer (PE) exam to attain professional licensure.

ABET requires certain criteria of environmental engineering programs that prepare graduates to:

1. apply knowledge of mathematics through differential equations, probability and statistics, calculus-based physics, chemistry (including stoichiometry, equilibrium, and kinetics), an earth science, a biological science, and fluid mechanics.
2. formulate material and energy balances, and analyze the fate and transport of substances in and between air, water, and soil phases;
3. conduct laboratory experiments, and analyze and interpret the resulting data in more than one major environmental engineering focus area, e.g., air, water, land, environmental health;
4. design environmental engineering systems that include considerations of risk, uncertainty, sustainability, life-cycle principles, and environmental impacts;
5. apply advanced principles and practice relevant to the program objectives;
6. understand concepts of professional practice, project management, and the roles and responsibilities of public institutions and private organizations pertaining to environmental policy and regulations

**OVERVIEW OF CHANGES FOR AY 2019-20**

Students should take note of the catalog year they are under and follow the respective curriculum. This information is visible under Academic Requirements in Student Administration. If you wish to change to a later catalog year, fill out this form ([https://registrar.uconn.edu/wp-content/uploads/sites/1604/2017/08/Change-Catalog-Year.pdf](https://registrar.uconn.edu/wp-content/uploads/sites/1604/2017/08/Change-Catalog-Year.pdf)) and submit to the Registrar’s office. Note that catalog year changes are not reversible. Make sure to discuss the decision to change catalogs with your advisor so that you fully understand the implications for your schedule.

The Environmental Engineering Program has made one major revisions to the curriculum for AY 2019-20. This change will allow students flexibility in their selection of professional electives and allow students the opportunity to take either additional engineering or science courses in a sub-specialty of their choice. Students who are considering switching to this catalog should take note of the following change:

- Instead of 10 areas of courses, from which students would choose 4, students now need to take one course in Management and Policy (a similar list to the previous Area list of courses), two courses at 3000-level or higher in relevant science or engineering, and one course in 3000-level or higher ENVE or CE. Students could take three courses in CE or ENVE if they choose.
<table>
<thead>
<tr>
<th>FIRST YEAR - First Semester</th>
<th>Cr.</th>
<th>Second Semester</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 1127Q General Chemistry</td>
<td>4</td>
<td>CHEM 1128Q General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>MATH 1131Q Calculus I</td>
<td>4</td>
<td>MATH 1132Q Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>ENGR 1000 Orientation to Engineering</td>
<td>1</td>
<td>ENGR 1166 Foundations of Engineering</td>
<td>3</td>
</tr>
<tr>
<td>CSE 1010 Computing for Engineers (F/S)</td>
<td>3</td>
<td>ENVE 1000 Environmental Sustainability (CA2)</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1010 Academic Writing</td>
<td>4</td>
<td>(1) CA 1 (_______________________)</td>
<td>3</td>
</tr>
<tr>
<td>or ENGL 1011 Writing thru Literature (F/S)</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>16</strong></td>
<td><strong>TOTAL</strong></td>
<td><strong>17</strong></td>
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<table>
<thead>
<tr>
<th>SECOND YEAR - First Semester</th>
<th>Second Semester</th>
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</thead>
<tbody>
<tr>
<td>PHYS 1501Q Physics for Engineers I</td>
<td>4 PHYS 1502Q Physics for Engineers II</td>
</tr>
<tr>
<td>MATH 2110Q Multivariable Calculus</td>
<td>4 MATH 2410Q Elem. Differential Equations</td>
</tr>
<tr>
<td>CE 2110 Applied Mechanics I (F/S)</td>
<td>3 PHIL 1104 Philosophy &amp; Ethics (CA1)</td>
</tr>
<tr>
<td>ENVE 2310 Environmental Eng Fundamentals</td>
<td>3 CHEG 2111 Chemical Eng Thermodynamics or ME 2233 (F/S)</td>
</tr>
<tr>
<td>CE 2251 Probability and Statistics in CEE (F/S)</td>
<td>3 ENVE 3270 Environmental Microbiology</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>17</strong></td>
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</table>

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<thead>
<tr>
<th>THIRD YEAR - First Semester</th>
<th>Second Semester</th>
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<tbody>
<tr>
<td>ENVE 2411 Introduction to CAD</td>
<td>1 ENVE 3200 Environmental Engineering Lab</td>
</tr>
<tr>
<td>ENVE 3120 Fluid Mechanics (F/S)</td>
<td>4 ENVE 3230 Air Pollution Control</td>
</tr>
<tr>
<td>ENVE 3220 Water Quality Engineering</td>
<td>3 ENVE 3530 Engineering and Environmental Geology (2) OR Professional Elective (3)</td>
</tr>
<tr>
<td>ENVE 4210 Environ. Engineering Chemistry</td>
<td>3 (3) Professional Elective</td>
</tr>
<tr>
<td>NRE 4135 Groundwater Hydrology (2) OR Professional Elective (3)</td>
<td>3 (1) GenEd: CA 4(I) (_______________________)</td>
</tr>
<tr>
<td>CE 2211 Engineering Economics (F/S)</td>
<td>1</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>15</strong></td>
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<thead>
<tr>
<th>FOURTH YEAR – First Semester</th>
<th>Second Semester</th>
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<tbody>
<tr>
<td>ENVE 4910W Environmental Eng’g Design I</td>
<td>2 ENVE 4920W Environmental Eng’g Design II</td>
</tr>
<tr>
<td>ENVE 4320 Ecological Principles &amp; Eng’g</td>
<td>3 ENVE 4310 Environmental Modeling</td>
</tr>
<tr>
<td>ENVE 4810 Engineering Hydrology</td>
<td>3 ENVE 4530 Geoenvironmental Engineering or ENVE 4540 Design of Groundwater Systems</td>
</tr>
<tr>
<td>(1) GenEd: CA 4 (_______________________)</td>
<td>(4) Professional Elective</td>
</tr>
<tr>
<td>(3) Professional Elective</td>
<td>3 (1) GenEd: CA 2 (_______________________)</td>
</tr>
<tr>
<td>Free Elective</td>
<td>3 Free Elective</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>17</strong></td>
</tr>
</tbody>
</table>

NOTES: (F/S): these courses are offered both Fall and Spring semesters
(1) CA = Content Area in General Education (GenEd) Requirements (For current lists of GenEd courses, visit [http://geoc.uconn.edu](http://geoc.uconn.edu)). These courses may be taken at any time and CA courses in particular semesters are indicative only.

(2) Earth Science Requirement (1 Course):
- NRE 4135-Intro. to Groundwater Hydrology (Fall semester) OR
- ENVE 3530- Engr. & Env. Geology (Spring semester)

(3) Professional Electives (4 Courses/12 credits): At least one course from the area of Management and Policy (see next page for courses); At least two courses from any 3000-level or higher courses in engineering or science (BIOL, CHEM, EEB, GEOG, GSCI, LAND, MARN, MATH, MCB, NRE, PHYS, SOIL, TURF), or CE 2500 or CHEM 2241, 2443; At least one course from any 3000-level or higher CE or ENVE courses. See suggested courses on the next page. Three credits of ENVE 4886 and/or 4986 Thesis may fulfill one professional elective. Honors students must fulfill one professional elective using Thesis credits. Research courses (4986, 3997, 4997) are recommended as professional electives for students planning to pursue graduate studies.
ENVE Professional Electives (F: Fall semester, S: Spring semester)

Note: Course scheduling may change for departments other than CEE

Management and Policy:
AH 3275. HAZWOPER (F)
ARE 3434. Environment and Resource Policy (S)
ARE 4462. Economics of Natural Resource Use
EEB 3205. Current Issues in Environmental Science
(F, odd years)
ENVE 3100 Climate Resilience and Adaptation (F)
GEOG 3320W. Environmental Evaluation and
Assessment (S, online)
GEOG 3340. Environmental Planning and
Management
LAND 3230W. Environmental Planning and
Landscape Design
MEM 2221. Principles of Engineering Management
NRE 3245. Environmental Law (F)
OPIM 3801. Project Management

Suggested courses in other Engineering or Science
Programs:
CHEG 3151. Process Kinetics
CHEG 4147. Process Dynamics and Control
CHEM 2241 or CHEM 2443. Organic Chemistry
GEOG 3400. Climate and Weather (F)
MARN 3030. Coastal Pollution and Bioremediation
MARN 4030W. Chemical Oceanography (F)
ME 3239. Combustion for Energy Conversion
ME 3263 Introduction to Sensors and Data Analysis
ME 3270 Fuel Cells (S, even yrs)
ME 3285 Sustainable Energy Sources and Systems
(S, odd yrs)
Wetlands Biology and Conservation (F)
NRE 3105. Wetlands Biology and Conservation (F)
NRE 3125 Watershed Hydrology (F)
NRE 3145. Meteorology (F)
NRE 3146 Climatology (S)
NRE 3155. Water Quality Management (F, even yrs)
NRE 3205. Stream Ecology (F, odd yrs)
NRE 3535 Remote Sensing of the Environment (F)
NRE 4135.Groundwater Hydrology (F)*
NRE 4165. Soil and Water Management and
Engineering (S, odd yrs)
NRE 4340 Ecotoxicology (S, odd yrs)
SPSS 3420. Soil Chemistry Components (F, even yrs)
SPSS 4420. Soil Chemistry Processes (F, odd yrs)

Suggested courses in CE and ENVE (note, you
must select one in this category but may select up
to three):
CE 2500 Introduction to GIS (S)
CE 3220. Principles of Construction Management I
(F)
CE 2410 Geomatics & Spatial Measurement (F)
CE 3510. Soil Mechanics (F)
CE 4210. Operations Research in Civil and
Environmental Engineering (S)
CE 4220. Principles of Construction Management II
(S)
CE 4410. Computer Aided Site Design (S)
ENVE 4820. Hydraulic Engineering (S)
ENVE 3530. Engineering and Environmental
Geology
ENVE 4850. Sustainable and Resilient Water
Governance and Management (F)
ENVE 3995. Special Topics in Environmental
Engineering (F/S)

Examples:
Ecology
Hydroclimatology
Environmental Organic Chemistry
Biodegradation and Bioremediation
Environmental Remediation
Vadose zone hydrology

ENVE 3997. Directed Research in ENVE
ENVE 4997. Independent Research in ENVE
ENVE 4999. Independent Study (F/S, by
arrangement)

* If you choose one course as earth science
requirement, then you can take the other one as
professional elective.
How Do I Register for Classes?

1. **Make an appointment to see your advisor**, two weeks or more prior to your registration time window, which you can see in your Student Center in Student Administration. Not everyone uses AdvApp, email works always.

2. **Meet with your advisor**. Several things will happen in your meeting:
   a. **You will discuss your schedule**, for the upcoming semester and in general, as well any other career plans you may have (study abroad, grad school etc.)
   b. **You will review your preliminary Plan of Study (POS)**, if applicable.

3. **Your faculty advisor will fill out and sign a registration/bar removal form.**

4. **Take the registration/bar removal form to the ENVE Main Office**, located in Castleman, room 307. You bar will be lifted within the following 24 hours.

5. **Login to Student Administration** during your enrollment appointment window and sign up for your courses. Be sure to sign up for the courses your advisor directed you to take. If you need to deviate from the schedule you and your advisor discussed, contact your advisor immediately to make sure this will not have repercussions on your course program and planned graduation date.
What are Preliminary and Final Plans of Study and when do I submit them?

A preliminary POS is filed after a student has reached junior credit standing (54 credits or more) and outlines the student’s coursework plan until graduation. Submitting an approved preliminary plan of study is required in the School of Engineering.

A final POS is filed after you have registered for your final semester of coursework. The final POS must demonstrate that the student meets all requirements to graduate. The final POS is a UConn graduation requirement.

How do I submit a preliminary POS?

1. Access your Academic Planner in Student Admin: SA Self Service > Student Center > Academic Planner
2. Select “Plan by Requirements” to review your remaining unsatisfied requirements for your degree. You may also add courses to your planner using the “Browse Course Catalog” component.
3. Review what semester your required courses are offered and enter them into your Academic Planner. Then select “Submit Plan of Study” and the document will be sent electronically to your faculty advisor for their review.

If the preliminary POS is denied, you must fix whatever errors are indicated and submit a new, correct POS that satisfies all degree requirements. If the POS is approved, you now have a complete and accurate plan to reach graduation.

If you decide to deviate from this plan, it is your responsibility to discuss the changes with your academic advisor and ensure that you are still completing all degree requirements. If you need further assistance, please access this video tutorial or contact your Academic Advisor: https://www.youtube.com/watch?v=bXChknVulY

How do I submit a final POS?

1. Apply for graduation via Student Admin. SA Self Service > Student Center > My Academics > Apply for Graduation
2. Submit your final plan of study. SA Self Service > Student Center > Academic Requirements (under the drop down menu at the left) > "Submit Final Plan of Study" button

All of your requirements must show as satisfied in student admin to have your final plan of study approved.
Who Do I Need To See For … ?

**Signatures**

<table>
<thead>
<tr>
<th>If a form asks for the signature of …</th>
<th>… you should see:</th>
</tr>
</thead>
<tbody>
<tr>
<td>… the Dean</td>
<td>the Associate Dean for undergraduate education or the Director of Advising, SoE</td>
</tr>
<tr>
<td>… the Department Head</td>
<td>the Program Director of ENVE</td>
</tr>
<tr>
<td>… your advisor</td>
<td>your advisor, listed in Student Administration</td>
</tr>
</tbody>
</table>

So … **Who Are these People?**

<table>
<thead>
<tr>
<th>Title</th>
<th>Name, Office, Phone, Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Associate Dean, SoE, Undergraduate Programs</td>
<td>Daniel Burkey, EII 304A, 860-486-2167 <a href="mailto:daniel.burkey@uconn.edu">daniel.burkey@uconn.edu</a></td>
</tr>
<tr>
<td>Director of Advising, SoE</td>
<td>Whitney Losapio, EII 304, 860-486-5466 <a href="mailto:whitney.losapio@uconn.edu">whitney.losapio@uconn.edu</a></td>
</tr>
<tr>
<td>Program Director, ENVE</td>
<td>Prof. Timothy Vadas, CAST 308, 860-486-5552 <a href="mailto:timothy.vadas@uconn.edu">timothy.vadas@uconn.edu</a></td>
</tr>
<tr>
<td>Professional Advisor, CEE</td>
<td>Althea Lozefski, ITE 460, 860-486-8079 <a href="mailto:althea.lozefski@uconn.edu">althea.lozefski@uconn.edu</a></td>
</tr>
<tr>
<td>Your faculty advisor</td>
<td>You can find out who your advisor is by looking at your Student Center in Student Administration.</td>
</tr>
</tbody>
</table>

*correct as of June 12, 2019*
How Do I Satisfy the General Education Requirements?

ENVE students take two required GenEd courses, in addition to the PHYS and CHEM courses that satisfy CA3:

- PHIL 1104 (CA1)
- ENVE 1000 (CA2)

To satisfy the remaining requirements, you need to take

- One course in CA1
- One course in CA2
- Two courses in CA4, one of which must be designated as International (I)

You can find a complete list of Gen Eds under geoc.uconn.edu or you can search for a specific content area on Student Admin.

You may double-dip once (e.g. choose one course that satisfies two areas, CA1/CA4 or CA2/CA4) but then you have to make sure you make up for the 3 credits by taking an additional Free Elective.

Note that you need to choose two courses from DIFFERENT programs to satisfy each area (e.g. you cannot use two PHIL courses for CA1 or two ANTH courses for CA4).

What about Transfer Courses and Course Substitutions?

How do I get credit for courses I took somewhere else?

Courses from other institutions with a grade of C or better can be transferred and can count as credit towards graduation, subject to the credit restrictions noted below. Not every course will help you meet course requirements in ENVE. If you are planning to take a course elsewhere to meet a graduation requirement, check with your advisor or the Program director to make sure the course will satisfy a graduation requirement before you sign up for and take the course. You should also fill out the Prior Course Approval Form via Student Administration.

The following website gives information about how to transfer in credit for courses taken at other colleges and universities: [http://admissions.uconn.edu/content/transfer/transfer-credit](http://admissions.uconn.edu/content/transfer/transfer-credit)

You can also search for courses offered at colleges and universities in Connecticut that transfer as UConn courses at the following webpage: [http://transfer.uconn.edu/search.php](http://transfer.uconn.edu/search.php)

University Course Restrictions (listed in the Undergraduate Catalog):

- No credit for MATH 1010
- Not more than 12 credits of biology (MCB or EEB) at the 1000-level
- Not more than 3 credits of EKIN 1160
- Not more than 6 credits from PHIL 1101 through 1107 (note that PHIL 1104 is required for students in Engineering)
- Not both STAT 1000 and 1100
No credit for a course prerequisite to a second course in the same department may be counted for credit toward graduation after the student has passed the second course.

**Additional SoE Restrictions (these may not be used on the POS):**

- MATH 1110Q or 1112Q or courses numbered below 1100
- PHYS 1010Q and 1030Q
- CSE 1000
- No course taken on a Pass/Fail basis may be counted for credit toward graduation or used to meet any course requirement of the School of Engineering
- No more than 8 credits of 1000-level PHYS or CHEM

**Can I substitute another course for one that is required?**

Following is a list of automatic course substitutions that do not require special approval. Other substitutions may be granted under special circumstances. You may petition the Program Director of ENVE and the Director of Advising for SoE for any other course substitutions before taking the substituted course.

<table>
<thead>
<tr>
<th>Instead of taking …</th>
<th>… you may substitute</th>
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<tbody>
<tr>
<td>ENGL 1010 or 1011</td>
<td>ENGL 91002 and ENGL 91003 (transferred courses) with approved waiver documentation from English Department</td>
</tr>
<tr>
<td>ENGR 1166</td>
<td>The equivalent credits in any 2000-level engineering courses</td>
</tr>
<tr>
<td>MATH 1131Q</td>
<td>(MATH 1125Q and 1126Q*) or MATH 1151Q</td>
</tr>
<tr>
<td>MATH 1132Q</td>
<td>MATH 1152Q</td>
</tr>
<tr>
<td>MATH 2110Q</td>
<td>MATH 2130Q</td>
</tr>
<tr>
<td>MATH 2410Q</td>
<td>MATH 2420Q</td>
</tr>
<tr>
<td>MATH 1131Q, 1132Q, 2110Q &amp; 2410Q</td>
<td>MATH 2141Q and 2142Q and 2143Q and 2144Q</td>
</tr>
<tr>
<td>CHEM 1127Q</td>
<td>CHEM 1124Q and 1125Q*</td>
</tr>
<tr>
<td>CHEM 1127Q and CHEM 1128Q</td>
<td>CHEM 1124Q and 1125Q and 1126*</td>
</tr>
<tr>
<td>CHEM 1127Q and CHEM 1128Q</td>
<td>(CHEM 1137Q and 1138Q) or (CHEM 1147Q and 1148Q)</td>
</tr>
<tr>
<td>PHYS 1501Q and PHYS 1502Q</td>
<td>PHYS 1201Q and 1202Q and (1230 or 1530)*</td>
</tr>
<tr>
<td>PHYS 1501Q and PHYS 1502Q</td>
<td>(PHYS 1401Q and 1402Q) or (PHYS 1601Q and 1602Q)</td>
</tr>
<tr>
<td>CHEG 2111</td>
<td>ME 2233</td>
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</tbody>
</table>

*the credits for MATH 1125Q, CHEM 1124Q and 3 credits of the PHYS may not be counted toward graduation.
Can I Get a Minor in Another Subject?

Yes! Review http://catalog.uconn.edu for a full list of Minors offered at UConn. Contact the department or office listed in the Catalog for the minor program in which you are interested to find the courses required. Share this information with your Advisor, and together you can select courses to meet the requirements for both your major and the minor. Major and minor requirements can overlap to use one course to fulfill requirements for both.

Some related minors for ENVE students are:

Construction Engineering and Management: https://catalog.uconn.edu/minors/construction-engineering-management/: Courses fall under new Area 10 in AY 2018-19. For older catalog years, talk to your advisor about appropriate substitutions. Note that for AY 2018-19, AH 3275 was added in the acceptable course list for the minor.

Environmental Economics and Policy http://catalog.uconn.edu/minors/environmental-economics-policy/: ARE 3434, ARE 4462 and NRE 3245 are professional elective courses that may count towards this minor.

Environmental Studies http://catalog.uconn.edu/minors/environmental-studies/: EVST 1000 may substitute for ENVE 1000, ARE 3434 or 4462 and GEOG 3400 are professional elective courses. Six elective credits may be from the ENVE core curriculum as agreed upon with the EVST advisor.

Geographic Information Science http://catalog.uconn.edu/minors/geographic-information-science/: GEOG 2500 is a professional elective course.

Geoscience http://catalog.uconn.edu/minors/geoscience/: Minor POS in agreement with Center for Integrative Geosciences

Marine Biology http://catalog.uconn.edu/minors/marine-biology/: MARN 3016 and MARN 4030W are professional elective courses.

Mathematics http://catalog.uconn.edu/minors/mathematics/: 2 additional MATH courses from list A above and beyond the required courses.

Oceanography http://catalog.uconn.edu/minors/oceanography/: MARN 3016 and MARN 4030W are professional elective courses.

Wildlife Conservation http://catalog.uconn.edu/minors/wildlife-conservation/: includes NRE 3205
What if I Want to Do an Internship/COOP or Study Abroad?

**Internships and COOPS**

Most of our students are able to find employment during the summer break at local engineering firms or government offices. The School of Engineering schedules Career Fairs once each semester at which dozens of companies come to campus looking for students to fill both permanent and temporary positions. Many employers contact faculty directly about job opportunities as well. These opportunities will also be posted on bulletin boards on the third floor of the Castleman Building and to the student engineering email list. You can learn more about coop and internship opportunities at this link: [http://career.uconn.edu/internships-and-coops/](http://career.uconn.edu/internships-and-coops/)

UConn’s Center for Career Development (CCD), located in the Wilbur Cross building, is a great place to get started. They provide help with resumes, interview skills, and internship & job-searching. There is a Career Consultant that works exclusively with Engineering students. You can schedule an appointment online at [www.advapp.uconn.edu](http://www.advapp.uconn.edu). You can find the Engineering Career Consultant under ENGR (Undergraduate Programs Office). Please find additional contact information below.

<table>
<thead>
<tr>
<th>Title</th>
<th>Name, Phone, Email</th>
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<tbody>
<tr>
<td>Career Consultant, School of Engineering</td>
<td>Eran Peterson, 860-486-6666, <a href="mailto:eran.peterson@uconn.edu">eran.peterson@uconn.edu</a></td>
</tr>
</tbody>
</table>

**Study Abroad**

UConn participates in a number of study abroad programs. The EuroTech Program is one that is administered by the School of Engineering and the German Language and Culture Program. You can learn more about EuroTech at this link: [http://eurotech.engr.uconn.edu](http://eurotech.engr.uconn.edu)

You can learn more about the Study Abroad programs available to UConn students at this link: [http://abroad.uconn.edu/](http://abroad.uconn.edu/)

Note that when taking a semester away from UConn, if you want to still graduate in four years it is critical to discuss your plans with your advisor as soon as possible to make sure you can meet all course requirements. Studying abroad takes research and careful planning, but it is a truly unique and enriching experience!
FAQs

What courses are offered both semesters?
CE 2110
CE 2251
CE 2211
ENVE 2310
ENVE 3120

What if I decide I want to take a different course after seeing my advisor?
Contact your advisor before signing up for a different course schedule than what you agreed upon in your advising session. Making a change in your schedule without talking to your advisor could result in missing a critical graduation requirement and postponing your graduation by a semester or even a year.

How many credits may I take per semester?
Engineering students may take up to 19 credits in one semester. To enroll in 20 or more credits you must get an overload approval form from the Registrar’s website signed by your advisor and the Associate Dean in the Undergraduate Programs Office. This form must be returned to the Registrar.
What are the new SOE requirements for Probation and Dismissal?

To be in good academic standing in the School of Engineering, students must maintain a 2.5 cumulative GPA after completing 24 or more credits. Students must maintain a minimum 2.3 cumulative GPA to continue in the School of Engineering. Students who fall below a 2.3 cumulative GPA after 24 credits in residence will be removed from the School of Engineering and moved to the Academic Center for Exploratory Students. Residence means courses completed at one of the UConn campuses and does not include Early College Experience or non-degree courses. Students will have the opportunity to appeal this decision. If a student’s cumulative GPA falls between 2.3 and 2.5, they will be considered on academic probation for the School of Engineering. Students on academic probation will be reduced to a 14-credit load until the cumulative GPA improves to at least 2.5. Students may stay in the School of Engineering while on academic probation with the reduced credit load.

May I take graduate courses as an undergraduate student?

Yes! You will need to get a permission number from the instructor teaching the course. He/she will ask if you have the necessary preparation or pre-requisites that would be expected of graduate students taking the course. Most CE seniors have the preparation necessary to take entry-level graduate courses in the Department. In general, if you have a GPA of at least 3.0, and have the necessary preparation courses, you should be able to successfully complete a graduate course as an undergraduate. There are two ways you might apply a graduate course to your academic record:

1. As a regular course on your CE undergraduate POS. You may use it either as a Professional Requirement course or as a free elective.
2. If you don’t need it for your undergraduate POS, then you can take it as an extra course and save it to use for a graduate degree at UConn or another institution.