

YEAR

1

SEMESTER 1

CHEM 1127Q General Chemistry
 MATH 1131Q Calculus I
 ENGR 1000 Orientation to Engineering
 CSE 1010 Computing for Engineers
 ENGL 1010 Academic Writing
 or ENGL 1011 Writing through Literature

SEMESTER 2

CHEM 1128Q General Chemistry
 MATH 1132Q Calculus II
 ENGR 1166 Foundations of Engineering
 ENVE 1000 Environmental Sustainability

YEAR

2

SEMESTER 1

PHYS 1501Q Physics for Engineers I
 MATH 2110Q Multivariable Calculus
 CE 2110 Applied Mechanics I
 ENVE 2310 Environmental Engineering Fundamentals
 CE 2251 Probability and Statistics in CEE

SEMESTER 2

PHYS 1502Q Physics for Engineers II
 MATH 2410Q Elementary Differential Equations
 PHIL 1104 Philosophy & Ethics
 CHEG 2111 Chemical Engineering
 Thermodynamics
 or ME 2233 Thermodynamic Principles
 ENVE 3270 Environmental Microbiology

YEAR

3

SEMESTER 1

ENVE 2411 Introduction to CAD
 ENVE 3120 Fluid Mechanics
 ENVE 3220 Water Quality Engineering
 ENVE 4210 Environmental Engineering Chemistry
 NRE 4135 Groundwater Hydrology
 or Professional Elective
 CE 2211 Engineering Economics

SEMESTER 2

ENVE 3200 Environmental Engineering Lab
 ENVE 3230 Air Pollution Control
 ENVE 3530 Engineering and Environmental Geology
 or Professional Elective
 Professional Elective
 General Education Course

YEAR

4

SEMESTER 1

ENVE 4910W Environmental Engineering Design I
 ENVE 4320 Ecological Principles and Engineering
 ENVE 4810 Engineering Hydrology
 General Education Course
 Professional Elective

SEMESTER 2

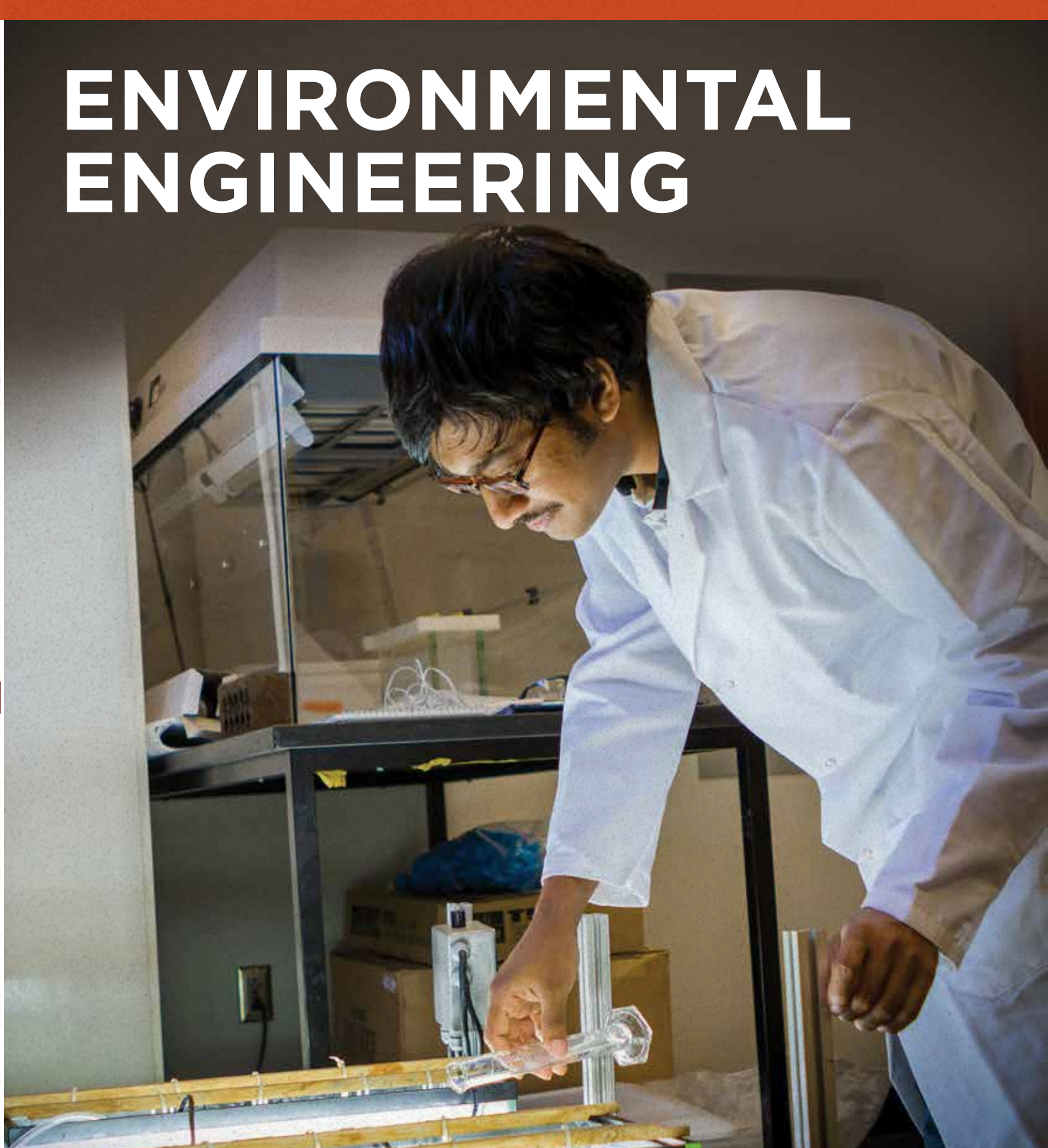
ENVE 4920W Environmental Engineering Design II
 ENVE 4310 Environmental Modeling
 ENVE 4530 Geoenvironmental Engineering
 or ENVE 4540 Design of Groundwater Systems
 Professional Elective
 General Education Course
 Elective

ENVIRONMENTAL ENGINEERING



ADVISING

All School of Engineering students meet with their individual advisors at least once per semester. Freshmen and sophomores are advised by the department professional advisor. Junior and senior students are assigned a faculty advisor who guides them through their core curriculum requirements, academic life, and career objectives.





“I was able to get a job lined up before graduation and passed the FE exam on the first attempt. The senior design program gave me skills that I use every day at work as a water/wastewater engineer, in the international development water group”.

Bridget Beaulieu, Class of 2017, Water/Wastewater Designer, AECOM



PREPARING FOR AN EXCITING PROFESSION

Environmental sustainability is one of the top challenges and opportunities of our time. Environmental engineers develop solutions to problems involving water and wastewater treatment and recovery, air pollution control, stormwater management and low impact development, soil remediation and brownfield redevelopment, and public health issues. With about 25 students accepted per year, UConn Environmental Engineering has a small program feel with the resources of a large public university. Our highly interdisciplinary, flexible curriculum prepares you to work in a variety of settings, such as:

- Engineering design and consulting firms
- Environmental technology startups
- Environmental Health and Safety departments of large corporations and industries (manufacturing, energy, petroleum, pharmaceuticals and others)
- State and federal government agencies
- Research and development firms



CAREERS

Our program is accredited by the Engineering Accreditation Commission of ABET, www.abet.org. As a graduate from our program, you will be well prepared to:

- Access a vibrant and growing job market. Environmental engineering jobs are expected to grow by 5 percent by 2028.
- Have an entry-level salary of \$55,000 (the 2018 median salary was \$87,620).

REAL-WORLD EXPERIENCE

Many of our environmental engineering students work in paid internship positions during semester breaks. Our Engineering Career Fair provides many opportunities to connect with potential employers. The newly-launched CEE Future Leaders Internship Program provides students in the Chi-Epsilon Honors Society with direct access to networking events with the region's top engineering firms. All UConn Engineering students develop their skills and showcase their learning through the yearlong Senior Design Project capstone course, solving real problems for local communities, businesses, and industry partners. Learn more at seniordesign.engr.uconn.edu.

RESEARCH OPPORTUNITIES

As a Environmental Engineering student at UConn, you'll have access to world-class laboratory facilities and faculty expertise that will help you to expand your horizons and build your resume, as early as the summer of your freshman year.

CEE UG Research Initiative: Through this innovative program, the department sponsors up to 10 undergraduate students every year to spend an entire summer and academic year working on a research project of their choosing. The program offers a competitive hourly stipend and funds to present your work in a regional conference.

Whether you're attending a conference, working on an international research project in Ethiopia, or wading through the wetlands of Connecticut, you're sure to find opportunities for learning that go far beyond the classroom.

