Environmental Engineers are the technical professionals who identify, analyze and design solutions to improve the quality of the natural and the built environments. They address issues that are complex, multifaceted and that must be workable within the constraints imposed by societal needs. They explore issues related to the potentially harmful interrelationships between human civilization and the environment. The B.S. program in Environmental Engineering provides a strong foundation in the biological, chemical, and physical sciences as well as in mathematics to empower graduates to work in business, consulting, industry, or governmental agencies to restore environmental quality for ecological and human well-being.

HOW STUDENTS report that they SPEND THEIR TIME

- Giving/Preparing for Presentations
- Group Projects
- Working on Problem Sets
- Studying for/taking Written Exams
- Building Things
- Working in a Lab
- Computer Programming

UPPERLEVEL COURSES

- CIV ENV 303: Environmental Law
- CIV ENV 361-1: Environmental Microbiology
- CIV ENV 365: Environmental Laboratory
- CIV ENV 367: Aquatic Chemistry
- CIV ENV 368: Sustainability: Issues and Action

RESEARCH AREAS

- Environmental Microbiology
- Environmental Chemistry
- Environmental Transportation Processes
- Biotechnology

5 CHALLENGES in the NEXT 5 YEARS

1. Providing clean water
2. Re-engineering sustainable cities
3. Nutrient control
4. Ecological restoration
5. Adapting to climate change

PLAN of GRADUATING SENIORS ’08-’12 (reported at time of graduation)

- Industry
- MS
- PhD
- MA
- Additional Study
- Plans Pending

INDUSTRY: Examples of Positions held by ’12 Grads

- Environmental Engineer, Carollo Engineers
- Water Engineer, CH2M Hill
- Strategy & Transformation Consultant, IBM
- Environmental Engineer, US-EPA Region 5

WANT TO LEARN MORE?

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Join: Environmental Engineering Undergraduate Society, the student chapter of the AAEES, American Academy of Environmental Engineers and Scientists
Ask: JF Gaillard
Explore the Department website