



# ENGAGING THE NATURAL WORLD

**Environmental Science  
Marine & Conservation Biology  
at Seattle University**

- Small classes & committed faculty
- Science based
- Field focused
- Service oriented

LEARN MORE: 206-296-5490  
[seattleu.edu/scieng/environment](http://seattleu.edu/scieng/environment)

ENVIRONMENTAL SCIENCE  
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**SEATTLEU**  
COLLEGE OF  
SCIENCE AND ENGINEERING

## SEATTLE UNIVERSITY OFFERS TWO MAJORS THAT EMPHASIZE A SCIENTIFIC APPROACH TO THE EXPLORATION AND PROTECTION OF THE NATURAL WORLD.

**Environmental Science** focuses on a broad range of applied science courses that support environmental management. The major covers topics such as hydrology, earth science and geology, ecology, geographic information systems (GIS), water quality, and environmental assessment. It provides a unique mix of empirical science and engineering problem solving, culminating in a team-based capstone project mentored by a faculty member and an external partner.

### Sample Courses

Field Methods, Environmental Sensing, Fundamentals of Ecology, Natural Systems, Geology, Water Resources, Scientific Applications of GIS, Environmental Law & Impact Studies.

**Marine and Conservation Biology** approaches environmental conservation with a focus on biodiversity, integrating a foundation of biological concepts with specialized training in a variety of ecosystems. The program combines extensive training in biology with instruction in field and laboratory techniques and research methodology. The student experience culminates in a year-long individualized senior synthesis project mentored by a faculty member.

### Sample Courses

Fundamentals of Ecology, Invertebrate Zoology, Conservation Biology, Marine Biology, Plant Taxonomy, Animal Behavior, Genetics, Evolution, Physiology, Marine Ecology at Blakely Island.

### POTENTIAL CAREERS

Both programs prepare students to understand and protect Earth's natural systems. Students pursue careers in conservation, environmental consulting, ecological restoration, environmental education, marine biology, natural resource management, and business sustainability. Students also continue their studies through graduate programs in ecology, earth and environmental sciences, marine biology, oceanography, environmental health, natural resources, law, economics, engineering, and education.



Seattle University is committed to educating leaders for a just and humane world. Students in the College of Science & Engineering benefit from hands-on experiences built into the curriculum. As they participate in faculty-mentored research and externally-sponsored senior synthesis projects, students develop the skills they need for exciting careers in science, engineering, mathematics, and beyond.

## WHY STUDY THE ENVIRONMENT AT SEATTLE UNIVERSITY?

At Seattle U, you will master the technical fundamentals and hone the interpersonal and communication skills you need to succeed in today's job environment. Our mission-driven approach provides freedom to address environmental issues holistically, with input from science, technology and the humanities. Our location in the heart of a vibrant, environmentally aware city provides opportunities for internships and out-of-class work.

- Faculty members are experts in their fields and committed to teaching
- Small class sizes build strong relationships with classmates and instructors
- Field station at Blakely Island
- Study abroad opportunities
- Unique service-oriented vibe on campus
- Environment-focused clubs such as Sustainable Student Action and Engineers for a Sustainable World
- Significant scholarship opportunities for transfer students
- Well-rounded liberal arts core curriculum highlights social issues and complements technical courses
- Beautiful urban campus is a short streetcar or light rail ride from the ferry, train, and bus

## CUSTOMIZE YOUR DEGREE

You can double major in Environmental Science and Marine and Conservation Biology, or major in one field and minor in the other. Additional minors in complementary fields:

- Biology - FOR ENVIRONMENTAL SCIENCE MAJORS
- Environmental Science - FOR BIOLOGY MAJORS
- Chemistry
- Environmental Economics
- Environmental Engineering

Applications are accepted at any time.

Priority Applications are due by March 1.

LEARN MORE!

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