Humboldt State University offers one of the largest and oldest accredited undergraduate environmental engineering programs in the United States. Since 1981, the Environmental Resources Engineering program at Humboldt State University has been accredited by the Engineering Accreditation Commission of ABET, abet.org.

In the workplace, environmental engineers make a median salary of about $87,000 as described by the Bureau of Labor Statistics. HSU's ERE graduates are sought after by many employers, particularly engineering consulting firms, state and federal resource agencies, and utilities. Many are self-employed as consulting engineers. Our graduates are also very successful when they attend graduate school.

As an ERE student, you will learn to apply fundamental science and engineering principles to solve complex environmental resource management problems. Four resource areas are addressed in our curriculum: water, air, land, and energy. Specific topics include water treatment, water resources planning, groundwater hydrology, renewable energy development, energy efficiency analysis, electricity system design, soil remediation, ecological restoration, solid waste management, environmental fluid mechanics, river hydraulics, constructed wetlands design, and wastewater treatment and reuse. An interdisciplinary approach prepares students to understand and solve problems and to consider the trade-offs among social, economic, and ethical objectives.

Humboldt's ERE program will afford you the opportunity to visit and study at:

- the Arcata Marsh and Wildlife Sanctuary, renowned for its natural wastewater treatment processes
- the Schatz Energy Research Center, which promotes use of clean and renewable energy, schatzlab.org
- the Campus Center for Appropriate Technology, a student-run demonstration home for sustainable living, ccat.humboldt.edu

Associated Student Clubs include:

- Environmental Resources Engineering Student Association (ERESA)
- American Society of Civil Engineers (ASCE)
- Society of Women Engineers (SWE)
- Renewable Energy Student Union (RESU)
- Engineers Without Borders (EWB)
- Society of Hispanic Professional Engineers (SHPE)

The Environmental Resources Engineering program at Humboldt State University is accredited by the Engineering Accreditation Commission of ABET, abet.org.

Bachelor of Science

Master of Science

Environmental Systems

Options available in:

- Environmental Resources Engineering
- Energy Technology & Policy

Related Careers

- Air Pollution Engineer
- Consulting Engineer
- Design Engineer
- Ecological Engineer
- Energy Management Engineer
- Environmental Engineer
- Fisheries Engineer
- Geo-Environmental Engineer
- Hazardous Substance Engineer
- Hazardous Waste Engineer
- Hydraulic Engineer
- Hydrologic Engineer
- Hydrologist
- Process Engineer
- Project Manager
- Public Health Engineer
- Public Works Engineer
- Renewable Energy Systems Engineer
- Research Engineer
- Resource Modeler
- Resource Planner
- Sanitary Engineer
- Solid Waste Engineer
- Systems Engineer
- Utility District Engineer
- Water Resources Engineer
- Water Quality Engineer

Careers listed may require additional education. For more information about careers & employers, see the ERE Career Guide.

Academic & Career Advising Center
acac@humboldt.edu
707.826.3341
humboldt.edu/acac

2018-19 academic year

For more information

Department of Environmental Resources Engineering
engineering@humboldt.edu
707.826.3619
engineering.humboldt.edu

Office of Admissions
hsuinfo@humboldt.edu
866.850.9556
admissions.humboldt.edu