

# Environmental Engineering

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## About the Major:

Those who study environmental engineering use the principles of engineering, soil science, biology, and chemistry to develop solutions to environmental problems. They work to improve recycling, waste disposal, public health, and water and air pollution control. They also address global issues, such as unsafe drinking water, climate change, and environmental sustainability.

## Marketable Skills Developed in this Major/Minor:

- Using computer-aided design (CAD) and other computer software programs
- Collaborate with environmental scientists, planners, hazardous waste technicians, engineers, experts in law or business, or other specialists to address environmental problems
- Assess the existing or potential environmental impact of land use projects on air, water, or land
- Analyze scientific data and do quality-control checks
- Inspect industrial or municipal facilities or programs to evaluate operational effectiveness or ensure compliance with environmental regulations

## Relevant Fields:

- Air/Water quality
- Solid/Water/Toxic waste management
- Industrial hygiene
- Radiation protection
- Public health
- Land/Wildlife management
- Recycling

## Sample Occupational Titles

### with a Bachelor's Degree:

- Air Pollution Control Engineer
- Engineering Consultant
- Environmental Remediation Specialist
- Hazardous Substances Engineer

- Sanitary Engineer

## Professional Associations:

- [Architecture, Engineering, Consulting, Operations, and Maintenance \(AECOM\)](#)
- [SNC-Lavalin](#)
- [HDR, Inc.](#)
- [Bechtel](#)

## Career Opportunities and Job Outlook:

Employment of environmental engineers is projected to grow 4% from 2021 to 2031, about as fast as the average for all occupations. About 3,400 openings for environmental engineers are projected each year, on average, over the decade.

## Salary Estimates:

The median annual wage for environmental engineers was \$96,820 per year in May 2021.

(This section is intended for informational purposes, not prediction of actual salary.)