

What Can I Do With This **Ohio State** Major?

Bachelor of Science

Environmental Engineering

College of Engineering

Environmental engineering is the planning, design, construction, operation, and maintenance of constructed facilities for the protection of human health and safety and the preservation of wildlife and the environment. It includes water supply and resources, environmental systems modeling, environmental chemistry, wastewater management, solid waste management, hazardous waste management and remediation, atmospheric systems and air pollution control, and environmental and occupational health. Typical environmental engineering projects are large, one of a kind, and important in the daily lives of a great many people. Graduates of environmental engineering programs are found in engineering and administrative posts in industry, construction, research, government, and consulting firms.ⁱ

Career Areas/Job Titles:

Management and Industry

Risk Assessment Specialist
Project Manager
Hazardous Waste Manager
Marketing Specialist
City and Regional Planner

Communication and Media

Technical Writer

Health Professions

Doctor
Health and Safety Manager

Science and Technology

Research and Design Specialist
Engineering Technician
Design Specialist
Environmental Engineer
Water Quality Specialist
Climatologist
Soil Conservationist

Education

K-12 Science Teacher
Professor
Librarian
Sustainability Coordinator

Non-Profit/Advocacy

Global Development Specialist
Recycling Coordinator

Government/Politics

Environmental Lawyer
Policy Analyst
Lobbyist
Ecological Restoration
Specialist
EPA Employee

**Some careers may require licensure, certification, or further education. Talk to an advisor about specific requirements.*

Transferable Skills:

Biology Focus
Building and Construction
Engineering Fundamentals
Law and Policy Awareness
Expressing Ideas
Negotiation
Persuasion
Speaking Effectively

Written Communication
Motivating Others
Service Orientation
Teamwork
Creativity/Imagination
Defining Needs
Gathering Information
Setting Goals

Adaptability/Flexibility
Attention to Detail
Judgment & Decision Making
Initiative
Organization Skills
Strategic Planning/Visioning
Creating Innovative Solutions
Analytical/Critical Thinking

**This is not an extensive list of transferable skills. See larger list of skills you might develop here:*

<http://ccss.osu.edu>

Professional Links:

National Society of Professional Engineers: <http://www.nspe.org>

American Academy of Environmental Engineers and Scientists: <http://www.aaees.org/>

American Water and Resources Association: <http://www.awra.org/>

National Council for Science and the Environment: <http://ncseonline.org/>