

WHAT CAN I DO WITH MY ENVIRONMENTAL SCIENCE/STUDIES DEGREE?

Using the Major Sheet:

- Large headings indicate **industry** area and subheadings indicate **employers** within that area.
- Use the titles to search for careers and related careers in order to explore your options within different areas of industry. Note that some career titles have multiple names for similar positions.
- An asterisk (*) notes that additional training (certification, graduate school, high level of experience) may be needed in order to obtain this career. Make sure to thoroughly research career pathways.

ECOLOGICAL

Education / Communication (Parks, Nature Centers, Schools, Non-Profits)

- Writer
- Journalist
- Environmental Educator
- Nature Interpreter

Solid Waste / Hazardous Waste (Chemical Co., Waste Management Co., Gov't)

- Regulation Assistant
- Compliance Officer
- Environmental Geoscientist
- Recycling Coordinator
- Research Assistant
- Hazardous Waste Planner
- Risk Assessment Specialist
- Quality Control Systems Manager
- Solid Waste Manager
- Radiation Monitor
- Hydrologist
- Quality Control Analyst

Water Quality / Air Quality (EPA, State and Local Gov't)

- Waste Water Treatment Assistant
- Health Management Specialist
- Water Quality Analyst
- Environmental Quality Specialist
- Engine Emission Technician
- Risk Assessment Specialist
- Groundwater Protection Specialist
- Quality Control Manager
- Researcher
- Water Resource Specialist
- Pollution Control Technician
- Analytical Chemist
- Safety Management Specialist
- Project Development Manager
- Air Pollution Analyst
- Water Quality Planner
- Hydrologist
- Compliance Officer
- Meteorologist
- Toxicologist
- Industrial Ecologist

Conservation (Gov't, Land Trusts, Non-Profits)

- Environmental Impact Specialist
- Land Acquisition Specialist
- Land Use Analyst
- Resource Analyst
- Zoning Planner
- Habitat Restoration Technician
- Natural Resources Manager
- Advocate
- Environmental Manager
- Water Conservationist
- Consultant
- Natural Resources Specialist
- Land Use Planner
- Soil Conservationist
- Nature Preserve Manager
- Energy Analyst

Fish / Wildlife Management (Gov't, Game Preserves, Fisheries, Universities, Big Game Ranches)

- Outdoor Guide
- Data Management Technician
- Ranger
- Aquacultural Manager
- Wildlife Manager
- Researcher

Parks and Recreation (Fed, State, Local Gov't, Nature/Environmental Centers, Outward Bound)

- Ranger
- Wetlands Protection Specialist
- Natural Resources Specialist
- Outdoor Trip Leader
- Recreation Planner
- Natural Resource Manager
- Recreation Resource Planner
- Administrator
- Interpreter
- Researcher
- Program Manager
- Field Naturalist

Forestry (Gov't, Mills, Paper Co., Dept. of Agriculture, Nat'l Forest Service)

- International Forestry Technician
- Consultant
- Urban Forestry Technician
- Natural Resources Specialist
- Peace Corps Volunteer
- Researcher

Agriculture / Soil Science

- Agrichemical Manager
- Agricultural Production Manager
- Researcher

HUMAN SERVICES

Advocacy Groups, Government, Non-Profits, Hospitals Corrections / Rehabilitation

- Community Service Agency Worker
- Activities Leader
- Customs/Immigration Officer
- Recreation Coordinator
- Community Outreach Worker
- Volunteer Coordinator
- Community Educator/Activist

PUBLIC POLICY

Congress / State Legislature / Local Government

- Congressional/Legislative Aide
- Legislative Research Assistant
- Committee Staff Person
- Legislative Correspondent
- Press Secretary
- Environmental Attorney

Policy / Research Organizations (Green Peace, Nature Conservancy, Sierra Club)

- Public Opinion Interviewer
- Community/Field Organizer
- Program Developer
- Fund-Raiser/Development Associate
- Project Assistant
- Environmental Health Analyst
- Lobbyist Assistant
- Membership Coordinator
- Political Organizer
- Convention Organizer
- Research Associate
- Environmental Compliance Inspector
- Public Policy Analyst
- Project Manager
- Legislative Liaison
- Conference Coordinator
- Public Health Analyst
- Environmental Economist

EDUCATION

Schools, Government, Non-Profits, Museums

- Agricultural Extension Specialist
- Environmental Educator
- Teacher
- Admissions Counselor
- Tour Guide
- English Teacher Abroad

BUSINESS

Advertising / Marketing / Public Relations

- Marketing Research Analyst
- Fundraiser
- Public Relations Specialist
- Advertising Salesperson

Preparation for a Competitive Job Market:

- **Focus on transferable skill sets** as you pursue a degree in Environmental Science/Studies.
- **Obtain relevant internship, co-op, or volunteer experiences.**
- **Supplement Environmental Science/Studies coursework** with **classes relevant** to your career.
- **Meet with a Career Specialist** to explore options, make decisions, and prepare for career choices.

Additional Career Center Resources:

- **Major Sheets (ENVS, BIOL, CHEM, POLI, SOCY GEOG):** <http://careers.umbc.edu/tools/major-sheets/>
- **Links by Major:** <http://careers2.umbc.edu/tools/links.php>
- **Vault:** <http://careers.umbc.edu/students/discover/explore-careers-majors/>

-Click on Vault Career Insider portal link and provide UMBC user ID and password

-Select "Guides" to view relevant guides such as:

"Vault Guide to Agriculture Jobs"

"Vault Guide to Earth Sciences Jobs"

"Vault Guide to Chemistry Jobs"

"Vault Guide to Government Jobs"

"Vault Guide to Green Programs"

"Vault Guide to Environmental Careers"

"Vault Guide to Environmental Science and Conservation Jobs"

• **Professional Associations:**

National Association of Environmental Professionals: www.naep.org

Ecological Society of America: www.esa.org

Society for Conservation Biology: www.conbio.net

The Student Conservations Association: www.thesca.org

National Environmental Health Association: www.neha.org

National Association of Local Government Environmental Professionals: www.nalgep.org

UMBC Career Center, MP 201, 410-455-2216, careers@umbc.edu, careers.umbc.edu