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
- Environmental Educator
- Nature Interpreter
- Journalist

**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
- Wetlands Protection Specialist
- Natural Resources Specialist
- Outdoor Trip Leader
- Recreational Planner
- Natural Resource Manager
- Recreation Resource Planner
- Administrator
- Urban Forestry Technician
- Natural Resources Specialist
- Peace Corps Volunteer
- Field Naturalist

**Forestry (Gov’t, Mills, Paper Co., Dept. of Agriculture, Nat’l Forest Service)**
- International Forestry Technician
- Consultant
- Agrichemical Manager
- Agrichemical Education
- Agrichemical Production Manager
- Urban Forestry Technician
- Natural Resources Specialist
- Peace Corps Volunteer
- Researcher

**Agriculture / Soil Science**
- Agrichemical Manager
- Agrichemical Education
- Agrichemical Production Manager
- Agricultural Production Manager
- Urban Forestry Technician
- Natural Resources Specialist
- Field Naturalist

**HUMAN SERVICES**

**Advocacy Groups, Government, Non-Profits, Hospitals**
- Community Service Agency Worker
- Recreation Coordinator
- Volunteer Coordinator
- Activities Leader
- Community Outreach Worker
- Community Educator/Activist
- Customs/Immigration Officer
- Community Outreach Worker
- Community Educator/Activist
PUBLIC POLICY
Congress / State Legislature / Local Government
• Congressional/Legislative Aide
• Legislative Research Assistant
• 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

Committee Staff Person
Legislative Correspondent
Lobbyist Assistant
Membership Coordinator
Political Organizer
Convention Organizer
Research Associate
Environmental Compliance Inspector

Press Secretary
Environmental Attorney
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

Environmental Health Analyst
Environmental Compliance Inspector

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

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