

What Can I Do With the Environmental Science Pathway?

Planning, Conservation, & Restoration

Area of Focus:

- Natural resource management
- Zoning
- Land use
- Mining
- Construction
- Urban design and planning
- GIS and drone analysis

Employers:

- Federal government agencies
- Utility companies
- Forestry companies
- Indian nations
- Oil/gas companies
- Land trust organizations
- Wildlife non-profit organizations
- Municipal governments

Environmental Education & Communication

Area of Focus:

- Teaching
- Writing and editing
- Public relations
- Marketing
- GIS analysis

Employers:

- Public and private schools
- Community colleges and universities
- Zoos, aquariums, and museums
- Publishing companies
- Newspapers/journals
- Environmental organizations
- Federal government agencies

Stormwater & Waste Management

Area of Focus:

- Risk assessment
- Quality control
- Logistics
- Transportation
- Compliance
- Public and environmental health
- Industrial hygiene
- Urban design and planning
- GIS analysis
- Recycling

Employers:

- Federal government agencies
- Private waste management firms
- Consulting firms
- Non-profit organizations

Environmental Remediation

Area of Focus:

- Research:
 - Ground/surface water
 - Soils
 - Air
 - Sediment

Employers:

- Federal government agencies
- Agricultural consulting firms
- Environmental consulting firms

Soil Science

Area of Focus:

- Soil/water conservation
- Fertilizer technology
- Agricultural production
- Research
- GIS analysis

Employers:

- Federal government agencies
- State farm bureaus
- Environmental laboratories
- Consultant firms
- Farms/ranches
- Universities

Air & Water Quality Management

Area of Focus:

- Testing/analysis
- Watershed management
- Stream restoration
- Sustainable infrastructure
- Project development
- Modeling
- Risk assessment
- GIS analysis

Employers:

- Federal government agencies
- Consulting firms
- Laboratories
- Non-profit organizations
- Water treatment plants
- Product manufacturers

Strategies

- Consider pursuing a master's degree or PhD
- Aim for extensive lab, research, field, and statistical experience
- Gain experience through internships or volunteer work
- Seek out opportunities to learn data analysis
- Develop strong oral and written communication skills
- Work to improve your problem solving and decision making skills
- Read job descriptions to know which lab, computer, and/or field skills are sought after