

# Environmental Science



## Career Pathways

## School of Sciences

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### Overview:

Environmental Science program is designed to prepare you to address the integral relationship between humankind and the environment. A Bachelor of Science in Environmental Science gives you a foundation for understanding and improving the relationship between human society and the organisms, landforms, atmosphere, and ecosystems that make up our natural environment. This program will facilitate learning of the principles, methodologies, and practices of the life, physical, and mathematical sciences as they relate to the environment. The foundational concepts of human systems, such as businesses, governments, and communities, and their impact on the environment, will also be studied.

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### Acquired Skills MOST Valued by Employers:

- Evaluate Environmental Issues
  - Solve Environmental Problems
  - Field and Laboratory Research Skills/Techniques
  - Become an Environmental Steward
  - Critical Thinking/Problem Solving
  - Oral/Written Communications
  - Teamwork/Collaboration
  - Digital Technology
  - Leadership
  - Professionalism/Work Ethic
  - Career Management
  - Global/Intercultural Fluency
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### Common Pathways:

- Environmental Science and Protection Technician
- Teaching
- Geoscience
- Environmental Economists
- Environmental Compliance Inspection
- Zoologist
- Climate Change Analysts
- Industrial Ecologists
- Environmental Restoration Planners
- Forestry and Conservation Science
- Environmental Health Specialists

*Please note that some of these pathways require an advanced post bachelor's degree*

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### Common Industries:

- Air/Water Quality Management
  - Agricultural consulting firms
  - Environmental consulting firms
  - Government agencies
  - Education
  - Engineering services
  - Environmental research laboratories
  - Private waste management firms
  - Law, policy, and regulation
  - Renewable energy
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### Sample of Employers of Stevenson University students:

- Bay County Veterinary Hospital
- Brookeville Animal Hospital
- Friends of the National Arboretum
- Irvine Nature Center
- JHT Inc. Contractor NOAA/NCCOS/COL
- Marshy Point Nature Center
- MD State Police Forensic Science Lab
- MDSPCA
- US Peace Corps

### Internship Sites for Stevenson Students:

- Anatomy Gift Registry
- Baltimore County Department of Recreation and Parks
- REU Funded by National Science Foundation
- Wyoming Forest Service

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### An Employer's Perspective:

“Employment of environmental scientists and specialists is projected to grow 15 percent from 2012 to 2022, faster than the average for all occupations. Heightened public interest in the hazards facing the environment, as well as the increasing demands placed on the environment by population growth, is expected to spur demand for environmental scientists and specialists.”

[<http://www.bls.gov/ooh/lifephysical-and-social-science/environmental-scientists-and-specialists.htm>]

### Salaries:

According to the NACE Salary Survey, the average starting salary for environmental science majors nationwide was \$57,500. However, salaries are dependent upon the industry, level of position, and geographical region. A few good resources for researching salaries of specific jobs within various industries are [www.salary.com](http://www.salary.com) and [www.payscale.com](http://www.payscale.com).

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