

Environmental Science

The Environmental Science program is intended for science-oriented and/or environmentally-motivated students who plan to attend a four-year college or university immediately after high school. The program offers students a variety of interesting and challenging educational opportunities in physical and life sciences. Along with learning key scientific concepts, students will also be actively involved with hands-on laboratory investigations and outdoor experiences.



Program Skills:

- Soil & water testing in the field
- Chemical lab techniques
- Statistical analysis of real-world scientific data
- Dissections



- College-level research techniques
- Professional scientific lab reporting
- Public speaking
- Experiment development
- Identification skills (soil, plant, & animal life)
- Outdoor environmental site evaluations and improvements

Internships:

Some internship options include the Irvine Nature Center, Columbus Center, Maryland Department of the Environment, Chesapeake Bay Foundation, Maryland Department of Natural Resources, local hospitals, pharmacies, and veterinary hospitals



Information about the program:

Students may earn up to 8 high school science credits and are required to take Advanced Placement (AP) Environmental Science in their junior year. Environmental Science graduates have attended a variety of colleges to study environmental science, biology, chemistry, physics, engineering, medicine, forensics, oceanography, public policy, and pharmaceuticals.

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