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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