

# Earth & Environmental Sciences - Environmental Science Emphasis, A.S.

---

## **AS Earth and Environment Sciences Degree Program Learning Outcomes**

At the successful conclusion of this program, students will be able to:

1. Consider the interdisciplinary nature of geological, environmental, and energy sciences, as well as their interrelationships with human activity
2. Analyze environmental science issues and propose ethical solutions that account for cross-cultural and historical context at local and global scales
3. Correlate geologic processes with Earth's energy sources and appraise our dependence and exploitation of those sources to support society
4. Critically assess datasets from qualitative and quantitative research methods that explore solutions to earth, energy and environmental science issues
5. Evaluate the effects of geologic time as they pertain to the interactive nature of and changes to Earth systems (Geosphere, atmosphere, hydrosphere, and biosphere)