

# ENVIRONMENTAL SCIENCE, B.S.

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**Begin Campus:** Any Penn State Campus

**End Campus:** Erie

## Program Learning Objectives

- Are proficient in the communication of results of field, lab, or literature based research in both oral and written formats, in both solo and team settings.
- Can demonstrate possession of the science skills and quantitative competency necessary to understand, interpret, and analyze data from across the interdisciplinary environmental science spectrum.
- Have proficiency in major concepts and methods in environmental science that are typically required of entry-level scientists in the workforce.
- Have demonstrated undergraduate-level research skills; project and experimental design skills.
- Can demonstrate skills in field/lab data collection, analysis, and synthesis; in utilizing the inter-disciplinary research literature to analyze and synthesize issues in environmental science; and in undergraduate-level grant-writing.
- Can demonstrate possession and application of higher-level learning skills in critical thinking and problem-solving as applied to environmental science.