Environmental science is the study of the interactions of our society with the earth to inform decisions regarding water resources, environmental protection and remediation of contaminated ecosystems.
ENVIRONMENTAL SCIENCE
Bachelor of Science

Program Overview
The environmental science BS is an interdisciplinary degree program that offers students a well-rounded background in the sciences. Students complete a sequence of courses in biology, geology and chemistry combined with mathematics, geography and economics classes to gain an understanding of the nature of environmental problems and the socioeconomic factors that influence them.

Courses include:
• Biocultural Adaptations in Human Populations
• Conservation Biology
• Environmental Law and Regulation
• Environmental Physiology
• Evolutionary Genetics
• Freshwater Ecology
• Herpetology
• Mammalian Anatomy
• Marine Environments

Career Options
Environmental science majors go on to careers in the private sector, government/public service and nonprofit organizations. Employment opportunities include regulatory and other governmental agencies, conservation groups, and industry, especially the numerous environmental and engineering consulting firms throughout the Philadelphia region. Students obtain skills in the field and laboratory, along with knowledge of environmental regulation, to prepare them for the job market. With appropriate selection of coursework, students can go on to further academic study at the graduate level.

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Research Opportunities
Real-world, hands-on research means students learn the latest scientific techniques, from the necessary basics to high-tech analysis to potential scientific breakthroughs. Environmental science students have opportunities to study specific environmental problems such as groundwater contamination, ecosystem management, habitat destruction, river-basin management, environmental justice and greening of urban spaces. The capstone for the major is the Senior Research Seminar, where students gain experience by studying actual environmental issues and methodologies needed to resolve them.