

College of Sciences Career Guide

Bachelor of Science Earth and Environmental Science

About the Major

The Bachelor of Science in Earth and Environmental Science degree is a science-based program designed to prepare students for a range of challenging careers in the broad fields of environmental and geologic sciences, including science education. The degree program also provides a solid foundation for those pursuing advanced degrees in education, environmental studies, public policy, or law. Students in this degree track are accorded the flexibility to work with their advisors in selecting Geology, Geography, and other electives that will best prepare them to meet their educational goals and the employment criteria for their chosen profession.

The degree offers students the opportunity to explore a wide range of sub-disciplines within the Earth Sciences, including geology, hydrology, soil science, climate change, natural resource development, and sustainability. Additionally, students can choose to develop critical thinking skills in field-based geologic techniques, remote sensing, and geographic information systems (GIS).

Skills

Research
Problem Solving
Technical Writing
Critical Thinking

Potential Career Opportunities

Agricultural Scientist
Ecologist
Environmental Consultant
Geological Technician
Geoscientist
Hydrogeologist
Landscape Ecologist
Mining Engineer
Natural Resource Manager
Research Assistant/Technician
Science Educator
Sedimentologist
Seismologist
Urban and Regional Planner

Water Quality Scientist
Wilderness Park Manager

Common Career Areas for this Major

Research
Ecology and Conservation
Agriculture
Geological Sciences
Education
Urban Planning
Environmental Analysis