

College of Sciences Career Guide

Bachelor of Science in Geology

About the Major

The Bachelor of Science in Geology degree is a rigorous program that is designed to both prepare students for entry into the workforce as practicing geoscientists and to provide them with the knowledge required to pursue an advanced degree. Students enrolled in the Geology program are afforded the opportunity to pursue interests in several areas of specialization, including petrology, volcanology, structural geology, economic geology, hydrology, soil science, climate change, petroleum geology, and paleontology. A critical component of this degree program is a field-based capstone project in which students must demonstrate their ability to interpret a natural system and professionally communicate their understanding.

Skills

Research
Problem Solving
Geologic Mapping
Critical Thinking

Potential Career Opportunities

Environmental Consultant
Field Seismologist
Geochemist
Geomorphologist
Geophysicist
Geoscientist
Hydrogeologist
Mineralogist
Mining Safety Engineer
Petroleum Geologist
Physical Scientist
Research Assistant/Technician
Science Educator
Sedimentologist
Structural Geologist
Urban and Regional Planner

Common Career Areas for this Major

Research

Geologic Mapping

Geochemistry

Energy Exploration

Education

Geological Engineering

Environmental Analysis