

What can I do with a major in...

GEOSCIENCES

The Geological Sciences major encompasses a rigorous background in Geology from the history and structure of the Earth, through rocks and minerals, to natural disasters and the environment.

INDUSTRIES:

Aerospace and defense, Federal Government, Financial services, Manufacturing, Private Sector, Environmental Science Industries, Oil and Gas Services

Salary

\$48,850
ENTRY LEVEL

\$89,850
MEDIAN LEVEL



Common Job Titles

Engineering Geologists
Exploration Geologist
Geological Specialist
Geologists
Geoscientist
Project Geologist
Mining Geologist
Environmental Protection
Geologist

Knowledge

Mathematics
Physics
Geography
Chemistry
Computers and Electronics
Engineering and Technology

Skills

Critical Thinking
Active Listening
Science
Speaking
Complex Problem Solving
Judgment and Decision Making
Reading Comprehension
Writing
Active Learning
Time Management
Communication
Teamwork



Tools

Computer-aided Design (CAD)
Graphics/Photo Imaging
Map creation software
Digital technology
Scientific software
Sonars
Radar Surveillance systems
Soil sampling apparatus
Electromagnetic geophysical
instruments

Popular Employers

U.S. Geological Survey
U.S. Forest Service
Mining Companies
Petroleum Companies
Petroleum Companies
Environmental Firms
State and Federal EPA
Consulting Firm
Legal Firms

Trumbull County Planning Commission
State and Federal Highway Departments
National Geospatial-Intelligence Agency
Parsons Engineering Science, Inc.
Groundwater Associates, Inc.
Bureau of Land Management
State Geological Surveys
City Planning Offices

Related Occupations

Geospatial Information Scientists
Geospatial Information Technologist
Petroleum Engineers
Validation Engineers
Environmental Scientists
Remote Sensing Scientists
Hydrologists



Advice from professionals is great

Make Connections. It's important for geoscience to network and build relationships when attending professional events. Professional associations allows for networking, mentoring, learning the industry trends and finding career or internship opportunities. Professional associations within the geoscience industry include:

Professional Associations

American Association of Petroleum Geologists
American Geosciences Institute
Marine Technology Society
Geological Society of America
American Geological Institute

