

CAREER RESPONSIBILITIES

Geology is a broad interdisciplinary program that involves the study of the Earth and its history. Geologists may explore for new mineral or oil resources, work on environmental problems, do research, or teach. Geology majors gather and interpret data about the Earth for the purpose of increasing our knowledge of natural resources and Earth processes.

Skills Associated With Geology Majors:

- Enjoy challenges, questioning, analyzing, problem solving, and intellectual growth
 - Proficiency in reading, attention to detail and memorizing skills
 - Ability to make observations and decisions
- Organize and maintain accurate records; demonstrate desire for precision
 - Conduct and clearly explain scientific research
 - Presentation, writing, and communication skills
 - Analyzing, interpreting, and evaluating data

Sample Career Titles

Aerial Photographer	Glacial Geologist	Planetary Geologist
Agricultural Engineer	Hydrologist	Pollution Control Specialist
Agricultural Consultant	Industrial Hygienist	Pollution Remediator
Architect	Instrumentation Technician	Project Manager
Astronomer	Laboratory Technician	Prospector
Cartographer	Landscaper	Sales Engineer
Computer Analyst	Marine Consultant	Science Laboratory Technician
Earth Science Teacher	Materials Analyst	Science Teacher
Economic Geologist	Mathematician	Science Writer
Engineering Geologist	Meteorologist	Scientific Photographer
Environmental Consultant	Mining Engineer	Sedimentologist
Environmental Geologist	Mining Geologist	Soil Scientist
Environmental Lawyer	Natural Resource Manager	Strigrapher
Extension Agent	Oceanographer	Structural Geologist
FBI Special Agent	Paleoceanographer	Surveyor
Forest Ranger	Paleoclimatologist	Technical Writer
Geochemist	Paleontologist	Urban Planner
Geodynamicist	Park Naturalist	Volcanologist
Geologist	Park Manager	Waste Management Specialist
Geomorphologist	Park Ranger	Water Quality Technician
Geophysicist	Petroleum Engineer	Well Logging Specialist
Geophysics Technician	Petroleum Geologist	
Geotechnical Engineer	Petrologist	

** Some careers may require additional training and/or education

To find out more about the daily work of these professions, skills needed, and salary ranges, go to [Occupational Outlook Handbook](#) and type a career title into the search field.

Visit **Career Education & Development**, 124 Bailey Library, to discuss these occupations and career opportunities with a Career Counselor.