GEOLoGY CAREER SUMMARY

OFFICE OF CAREER EDUCATION & DEVELOPMENT
SLIPPERY ROCK UNIVERSITY

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 • Landscapecer • 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.