

# What can I do with my Major?



## GEOSCIENCE

### UConn DEPARTMENT: Center for Integrative Geosciences

To learn more about this major check out the department website or schedule a meeting with an academic advisor.

### NATURE OF WORK

Geoscience is the science of exploration, discovery, and earth stewardship. The geosciences address all issues relating to earth systems, including the solid earth, oceans, and atmosphere. The major applications of the geosciences are in the following areas: exploration and responsible development of natural resources; preservation of the natural environment; restoration from environmental damage; mitigation of geohazards such as earthquakes and landslides; and exploratory research like the Mars space mission and understanding El Niño. The challenge of geosciences is to understand our planet and its history, and to use that knowledge to forecast its future in an era of global change.

Geoscience prepares graduates with transferable skills and qualities that can be beneficial in a variety of industries and careers.

### UConn RESOURCES

Geology Club  
Horticulture Club at UConn  
Research Exposure and Education  
Development in STEM  
Soil and Water Conservation Society  
Women in Math, Science, and  
Engineering

[Additional organizations \(and the most current information\) can be found at the UConn Student Activities website.](#)

### PROFESSIONAL ASSOCIATIONS & ADDITIONAL RESOURCES

American Geosciences Institute  
Careers in Geoscience  
Crop Science Society of America  
Ecological Society of America  
National Association of Environmental Professionals  
National Council for Science and the Environment  
National Environmental Education Foundation  
National Environmental Health Association  
Sierra Club  
Society of Women Environmental Professionals  
Soil Science Society of America

### SAMPLE JOB TITLES

Visit [O\\*Net](#) and conduct an Occupation Quick Search of each job title to learn more about that career path.

Agriculture Scientist  
Atmospheric Scientist  
Conservationist/Preservationist  
Consultant  
Ecological Horticulturist  
Economic Geologist  
Environmental Consultant  
Environmental Engineer  
Environmental Lawyer  
Environmental Safety and Health Technician  
Field Technician  
Geographer  
Geochemist  
Geologist  
Geophysical Data Technician  
Geoscientist  
Green Marketing Representative  
Journalist  
Land Surveyor  
Marine Biologist  
Marine Geologist  
Meteorologist  
Oceanographer  
Paleontologist  
Professor  
Research Assistant  
Soil Conservation Planner  
Urban Regional Planner  
Waste Treatment Specialist

A liberal arts and sciences education develops critical thinking, written and oral communication, versatility and problem solving skills, which are valuable in any career and will help students adapt to an ever-changing world.