



College to Career Connection Geology

What is Geology?

Geology is the science that studies the earth. These studies includes earth's formation and composition, the processes that create resources such as fuels, minerals, and construction materials, the energy systems that modify landforms on the crust, the historical evolution of life and global climates, and the continuing interaction between humans and the natural environment. Through lecture, lab and field study, the geology program provides insight, perspective, and application required to assist citizens in making well-informed decisions concerning earth-related issues such as water resources, building and engineering, natural disasters, agriculture and ocean resources, and the long-term effects on our planet from an increasing population.

[COC - Geology Associate in Science for Transfer \(AS-T\)](#)

Potential Industries/Employers

- Petroleum industry
- Well services and drilling companies
- National parks
- Land surveying companies
- Construction companies
- Local, state, and federal government
- Petroleum engineering firms
- Waste management companies
- Landscaping companies
- Environmental organizations

Possible Job Titles

- Agricultural Engineer
- Geophysicist
- Geologist
- Cartographer
- Glacial Geologist
- Park Ranger
- Soil Scientist
- Geochemist
- Surveyor

- Petroleum Geologist
- Environment Geologist
- Forest Ranger
- Planetary Geologist
- Consultant
- Hydrologist
- Mineralogist
- Mining Engineer

How this Major Helps You Move Forward:

Skills Advancement

While College of the Canyons does not endorse all of these opportunities, we aim to provide access:

- [Volunteer](#)
- [Internships and COC Career Center](#)
- [The Geological Society of America Field Experiences & Scholarships](#)
- [American Geosciences Institute Internships & Fellowships](#)
- [EARTH Magazine](#)

CSU/UC Major Preparation (BA/BS):

- [CSUN: Geology B.S.](#)
- [CSULA: Geology B.S.](#)
- [UCLA: Engineering Geology B.S.](#)
- [CPSLO: Environmental Earth and Soil Sciences B.S. - Conc. In Geology](#)
- ... and more!

Additional information can be found at:

- [What Can I do With this Major](#)
- [COC- Earth and Space Science](#)
- [Assist: Student Transfer Information System](#)
- [Occupational Outlook Handbook](#)
- [O*NET OnLine: Job and Career Exploration](#)
- [Linkedin Alumni Tool](#)
- [Candid Career Videos](#)

Associations

Association is a group of people who come together for a common purpose. You can find helpful information about jobs and careers.

- [The Geological Society of America](#)
- [American Geological Institute](#)
- [Association for Women Geoscientists](#)
- [American Association of Petroleum Geologists \(AAPG\)](#)
- [American Geophysical Union \(AGU\)](#)

This is a general information. It is not an exhaustive, comprehensive list. For specific information on majors and careers please connect with your professors and visit the counseling center at <https://www.canyons.edu/student-services/counseling> | 3/26/21