

# What can I do with this major: Geology

The field of geology explores Earth's geologic features and the processes responsible for their formation. The chemical composition, age and varied landscapes of the earth are examined through investigation of rocks and minerals. Students will understand the unifying principles of physical and historical geology and have a working knowledge of the discipline's diverse conceptual and methodological approaches. All geology courses are transferable to CSU and UC institutions. The study of geology prepares students for transfer to four-year institutions.

## Degrees and Certificates offered at AVC

- ❖ [Geology - AST](#) (transferable)

## Work Industries and 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/Career Titles

### *Bachelor Degree:*

- ❖ Petroleum Technician
- ❖ Cartographer
- ❖ Geologist
- ❖ Environmental Scientist
- ❖ Researcher
- ❖ K-12 Teacher
- ❖ Consultant
- ❖ Park Ranger

### *Advanced Degree:*

- ❖ Paleontologist
- ❖ Oceanographer
- ❖ Urban Planner
- ❖ Professor
- ❖ Research Director
- ❖ Geophysicist
- ❖ Geochemist
- ❖ Mineralogist
- ❖ Planetary Geologist

The information reflected is intended to act as a tool for exploration. Please visit the [Career Center](#) for more specific information on majors and careers



# Next Steps...

## Connect with Professional Associations

Associations are 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 \(AGU\)](#)
- ❖ [American Geosciences Institute](#)

## Develop your Skills and Experience

- ❖ Jobs and Internships ([College Central Network](#))
- ❖ [The Geological Society of America Field Experiences & Scholarships](#)
- ❖ [American Geosciences Institute Internships & Fellowships](#)
- ❖ [EARTH Magazine](#)
- ❖ [American Association of Petroleum Geologists Learn! Blog](#)

## Find CSU/UC Major Preparation (BA/BS)

- ❖ [CSU Northridge: Geology B.S.](#)
- ❖ [CSU Los Angeles: Geology B.S.](#)
- ❖ [UCLA: Engineering Geology B.S.](#)
- ❖ [Cal Poly San Luis Obispo: Environmental Earth and Soil Sciences B.S. - Concentration in Geology](#)
- ❖ [UC Riverside: Geology B.S.](#)
- ❖ ... and more! - <https://www.transferbound.com/>

## View Additional Information

- ❖ [Occupational Outlook Handbook](#)
- ❖ [Candid Career Videos](#)
- ❖ [Assist](#): Student Transfer Information System
- ❖ [ONET](#) OnLine: Job and Career Exploration
- ❖ [Linkedin Alumni Tool](#)
- ❖ [Transfer Schools](#)