



SCIENCE, TECHNOLOGY, ENGINEERING & MATH (STEM)

Geology

2
Years

TO TRANSFER

12%

JOB GROWTH

Geologists

1 ft

SEA-LEVEL RISE IN

CA by 2025

70%

CALIFORNIANS LIVE NEAR

Earthquake Fault Lines

Program Overview

Geology is the study of Earth, the planet on which you will spend the rest of your life. Students in this program learn how Earth processes influence people and how societal decisions influence the planet. Climate change, water, earthquakes, and tectonics all play important roles. Students learn to identify minerals and rocks and interpret the evolution of the Earth and the diversity of life it supports. Graduates attain upper division status for transfer into the CSU system.

Job Outlook

Geology focuses on some of society's most pressing challenges. Geologists determine where to safely build and where to find and sustainably extract resources like water and materials for batteries and smartphones. Geoscientists help mitigate hazards such as earthquakes and climate change. Geology majors are prepared for careers in environmental engineering, land use planning, environmental law, planetary exploration, and other fields that rely on understanding how the Earth works.

CAREERS

Geological/Soil/Hydraulic Techs

\$34,220 - \$84,550

*Climate Change Policy Analysts

\$49,290 - \$141,850

*Geologists

\$49,930 - \$150,360

*Environmental Scientists

\$94,880 (Annual Median Wage)

*Mining & Geological Engineers

\$62,630 - \$156,680

* Requires additional training
Source: Bureau of Labor Statistics
(CA data)



**Associate Degree
for Transfer**
A Degree with a Guarantee.™

Our Top Transfer Colleges

UC Santa Cruz
CSU Humbolt State
CSU Monterey Bay
CSU Sacramento



Geology

Suggested Course Sequence

**Associate Degree
for Transfer**
IGETC GE Pattern

YEAR 1	FALL		SPRING	
		Units		Units
	ENGL 1A	3	ENGL 2	3
MATH 20A	4	CHEM 1A	5	
GEOL 2	3	MATH 20B	4	
GEOL 2L	1	Area 5B	3	
Area 4	3	BIOL 31 rec.		
US-1 rec.				
Total Fall Units	14	Total Spring Units	15	

YEAR 2	FALL		SPRING	
		Units		Units
	CHEM 1B	5	Area 1C (CSU req. only)	3
Area 3A	3	GEOL 3	3	
Area 3B	3	GEOL 3L	1	
Area 4	3	Area 3A or 3B	3	
US-2 & 3 rec.		Area 4	3	
		ANTH 4 rec.		
		Area 6 (UC req. only)	4-5	
		or UC Elective		
Total Spring Units	14	Total Spring Units	17-18	

This is a suggested sequence of coursework and is one pathway for students to earn their degree/certificate. This is not an official educational plan. A counselor is able to assist you with creating a personalized education plan based on your academic, career, and personal goals. For more information about counseling and up-to-date program requirements, please visit www.mpc.edu/counseling.



The caring and knowledgeable instructors at MPC both prepared me for transfer to a four-year university, and helped lead me to a Ph.D. program in Planetary Science. Modern, effective science courses paired with an excellent teacher to student ratio and focus on education contributed to making MPC the most effective learning institution I've been a part of.

Brendan Chapman

MPC Graduate

Monterey Peninsula College (MPC) is a fully accredited California public community college. The college is known for the excellence of its academic programs and student support services.

Campus Locations

Monterey
Marina
Seaside
Online

Website

www.mpc.edu/geol

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MONTEREY PENINSULA
College