

DEGREES & CERTIFICATES

GEOLOGY CERTIFICATE OF ACHIEVEMENT (CA)

About the Program

This Certificate of Achievement in Geology signifies that students have received basic knowledge in geological sciences and skills, which facilitate paraprofessional employment such as geology technician and geology field assistant. The certificate also provides a good foundation for continued study in the field of geology.

Program Goals and Objectives

The Certificate of Achievement in Geology is designed for lifelong learners of geology and is a record of academic achievement for students who have completed a breadth of transferable lower division geology courses including physical geology, oceanography, environmental geology and historical geology.

Career Opportunities

This certificate is intended for lifelong learning and is not intended as a CTE certificate. It could facilitate paraprofessional employment such as geology technician and geology field assistant.

Program Outcomes

- Upon completion of the Certificate of Achievement in Geology, students are able to demonstrate proficiency in fundamental global earth processes (e.g., plate tectonics, earthquakes, volcanoes, etc.)
- Upon completion of the Certificate of Achievement in Geology, students are able to demonstrate proficiency with geologic analysis and/or geologic tools (e.g., unraveling the chronology of geologic events, earth materials identification/evaluation, etc.)

Required Core: Select Four (12-14 Units)

GEOL 1 Physical Geology.....	3
GEOL 2 Historical Geology.....	4
GEOL 5 Environmental Geology: Hazards & Disasters.....	3
GEOL 7 Environmental Geology: Resources, Use Impact & Pollution.....	3
GEOL 12 Introduction to Oceanography.....	3
GEOL 20 Earth Science for Educators.....	4

List A: Select One, unless GEOL 2 or GEOL 20 is completed: (0-1 Units)

GEOL 1L Physical Geology Laboratory.....	1
GEOL 12L Introduction to Oceanography Laboratory.....	1