

GEOLOGY (AS-T)

Geology is the study of the Earth. Geologists apply a wide range of scientific ideas and techniques to understand both the processes that are changing the planet today as well as those that have shaped it—and the life it supports—during the past 4.6 billion years. Geologists play key roles in helping society manage Earth resources, assess the threats posed by geologic hazards and understand the rapid changes now occurring in the planet’s environment. All of these issues are expected to become more critical as Earth’s human population grows, which is why the geoscience workforce is predicted to increase faster (14%) during the coming decade than the overall U.S. workforce (11%).

Located along the boundary between two of California’s major geologic provinces, College of the Siskiyous is uniquely situated to give prospective geology students diverse field experiences and excellent preparation for transfer to a 4-year college or university. The Associate of Science in Geology for Transfer will prepare students for further studies toward a California State University (CSU) baccalaureate degree in Geology and some other Earth Sciences.

Important: To obtain the Associate in Science Degree in Geology for Transfer, students must complete the following requirements with a minimum grade point average (GPA) of 2.0:

- The Geology major requirements below.
- The California State University General Education – Breadth (CSUGE) **or** the Intersegmental General Education Transfer Curriculum (IGETC) requirements. ****Please note: Area 6-Languages Other Than English on the IGETC is *NOT* required for the AS-T.**
- Any needed transferable electives to reach a total of 60 CSU transferable units.
- All major courses and any courses noted on the CSUGE or IGETC check sheets must be completed with a C or better.

Requirements for the Major

Core-Complete the following: ----- 28 units

- GEOL 1210- Physical Geology (4)
- GEOL 1220- Historical Geology (4)
- CHEM 2000- General Chemistry I (5)
- CHEM 2100- General Chemistry II (5)
- MATH 1400- Calculus and Analytical Geometry I (5)
- MATH 1500- Calculus and Analytical Geometry II (5)

Total Units ----- **28**

Double counting courses in GE and the major is permissible. (7 units double count with CSUGE and IGETC.)