

GEOLOGY

Transfer Degree

The Associate in Science for Transfer degree in Geology is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus, but not to a particular campus or major. Students completing the AS-T degree in Geology will be able to transfer to the California State University system. More information can be found on page 49. Students are strongly encouraged to see a counselor if considering this transfer option.

This program leading to the AS-T degree provides students with general background knowledge in the field of Geology and they will gain a broader understanding of their physical environment and the interconnectedness between it and other disciplines.

Student Learning Outcomes for this major are:

- Demonstrate familiarity with major concepts, theoretical perspectives, empirical findings, and historical trends.
- Apply the scientific method to analyze geologic structures, processes and issues on a local, regional, national and/or global level.
- Communicate the complexity of the natural environment into its component interconnected systems.

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

- The Geology AS-T major requirements below, completed with a grade of "C" or better.
- The California State University General Education – Breadth (CSU-GE) or the Intersegmental General Education Transfer Curriculum (IGETC) requirements.
- Any needed transferable electives to reach a total of 90 CSU transferable quarter units.

A. GENERAL EDUCATION REQUIREMENT

See pages 56-57 for details.

B. REQUIRED COURSES

All courses from the following (42.25 units):

- CHM 101 General Chemistry I
- CHM 102 General Chemistry II
- CHM 103 General Chemistry III
- GEL 102 Physical Geology
- GEL 103 History of Earth and its Life
- MAT 105 Calculus and Analytic Geometry (Part I)
- MAT 106 Calculus and Analytic Geometry (Part II)
- MAT 107 Calculus and Analytic Geometry (Part III)

C. ELECTIVE UNITS to bring the total to 90.