Associate Degree for Transfer℠

GEOLOGY FOR TRANSFER (AS-T)

In support of the established SB 1440, the Student Transfer Achievement Reform (STAR) Act, and the college's mission, vision and values, Grossmont College has created the **Associate in Science in Geology for Transfer** degree. Students earning this Associate Degree for Transfer (ADT) will have fulfilled the lower-division major preparation requirements for a degree considered similar at a participating California State University (CSU) campus.

Geology is the scientific study of planet Earth. Geologists study the origin and evolution of Earth, its composition and structure, and the many processes that modify Earth's crust. Geology is an interdisciplinary science with many applied aspects including: the study of natural resources such as water, petroleum, and minerals; the mitigation of Earth's hazards such as earthquakes, landslides, and volcanoes; and land use planning. Students who are curious about our planet and its environment, and want to meet the challenges presented by the interaction of humans with Earth should consider geology as a major.

The following is required for an Associate Degree for Transfer:

1. Minimum of 60 semester or 90 quarter CSU-transferable units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Minimum of 18 semester or 27 quarter units in the major.
4. A grade of "C" or higher or "Pass" in all courses required for the major.
5. Certified completion of the California General Education Transfer Curriculum (Cal-GETC) pattern; see Degree Requirements, General Education & Transfer Information section for more information.

Program Learning Outcomes

1. Upon successful completion of this program, students will be able to:
    1. Recognize and explain the role of fundamental geologic principles, such as the Theory of Plate Tectonics and deep time, in the interpretation of observed geologic phenomena.
    2. Research, evaluate, and cite scientific information in order to formulate coherent summaries of Earth processes.
    3. Define the scientific method and apply it to observed geologic phenomena.
    4. Interpret geologic processes using underlying chemical properties and physical laws. Measure, manipulate, and interpret scientific data.

Associate in Arts for Transfer Degree Requirements

Code	Title	Units
Required Core		
GEOL-110	Planet Earth	3
GEOL-111	Planet Earth Laboratory	1
GEOL-121	Earth History	4
CHEM-141	General Chemistry I	5
CHEM-142	General Chemistry II	5
MATH-C2210	Calculus I: Early Transcendentals	5
MATH-C2220	Calculus II: Early Transcendentals	4
Units for the major		**27**
Plus General Education Requirements (Cal-GETC) (https://catalog.gcccd.edu/grossmont/admission-information/general-education-transfer/)		34
Total Units		**60**

Complete transferable units as needed to reach 60.

Additional Information:

SDSU accepts AS-T degrees in Geology for the Geological Sciences, B.A. emphasis only. The major requires a minimum of 2.00 Cumulative G.P.A. Check with a Counselor for applicability to other CSU's.

Students applying with the AS-T in Geology will receive priority in the admissions process but are not guaranteed admittance into the CSU of their choice. Admission is highly competitive for most CSU's. Students are strongly advised to go above and beyond minimum G.P.A requirements and apply for admission at multiple campuses.

*Every effort has been made to ensure this information is accurate. However, the official document the San Diego State Catalog. For additional information specific to SDSU visit the following SDSU website: https://admissions.sdsu.edu/transfers.