

GEOLOGY ASSOCIATE IN SCIENCE FOR TRANSFER DEGREE

The Associate of Geology for Transfer (AS-T) in Geology is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus.

The Associate in Arts for Transfer (AA-T) or the Associate in Science for Transfer (AS-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing these degrees (AA-T or AS-T) are guaranteed admission to the CSU system, but not to a particular campus or major. In order to earn this Geology AS-T degree students must meet the following requirements:

- completion of the following major requirements with grades of C or better;
- completion of a minimum of 60 CSU transferable semester units with a grade point average of at least 2.0; and
- certified completion of the CSU General Education-Breadth (CSU-GE) or Intersegmental General Education Transfer Curriculum (IGETC) for CSU, which requires a minimum of 39 units.

It is highly recommended that students complete courses that satisfy the U.S. History, Constitution, and American Ideals requirement as part of CSUGE or IGETC before transferring to a CSU.

Students planning to transfer to a four-year institution and major in Geology should consult with a counselor regarding the transfer process and lower division requirements.

Code	Title	Units
Required Courses		
GEOL 101	Introduction to Physical Geology	3
GEOL 111	Introduction to Physical Geology Laboratory	1
GEOL 112	Historical Geology	4
CHEM 150	General Chemistry I	5
CHEM 151	General Chemistry II	5
MATH 250	Single Variable Calculus I	4
MATH 251	Single Variable Calculus II	4

Code	Title	Units
Major Total		26
Total Units That May Be Double Counted		6
General Education (CSU-GE or IGETC) Units		37-39
Elective (CSU Transferable) Units		0-3
Total Units		60

See Section on Degree, Certificate, and Transfer Information for additional information on the Associate Degrees for Transfer.

To earn an SBVC Associate Degree for Transfer (AA-T or AS-T) students must complete one of the following general education patterns:

CSU GE requirements (<https://www.valleycollege.edu/student-services/counseling/csuge/>)

IGETC requirements (<https://www.valleycollege.edu/student-services/counseling/igetc/>)

Program Learning Outcomes

At the completion of this program, students will be able to:

- Have an understanding of the significance of Plate Tectonics in the overall picture of geologic processes
- Appreciate the magnitude of geologic time in explaining how the earth has changed over the course of geologic history
- Recognize important rock-forming minerals; both as mineral samples and as they appear in common rocks
- Identify the 3 major rock types (Igneous, Sedimentary, and Metamorphic) in field exposures
- Recognize major land form features and explain what geologic processes were involved in their formation
- Be prepared to transfer to an accredited 4-year degree granting institution and compete effectively against 'native' students in the same field of study