

GEOLOGY, ASSOCIATE IN SCIENCE FOR TRANSFER

The Associate in Science in Geology for Transfer degree (AS-T in Geology) provides students with sufficient understanding of geologic concepts to attain upper-division status to transfer into the CSU system. Successful completion of the AS-T in Geology at Monterey Peninsula College guarantees the student acceptance to a California State University (but does not guarantee acceptance to a particular campus or major) to pursue a baccalaureate degree in Geology or related major, in preparation for a career in research, industry, and education. Students must complete the Associate Degree for Transfer requirements to earn the AS-T degree.

Learning Outcomes

Upon successful completion of the program, students will be able to:

- Use observations of outcrops and/or landscape morphology to interpret basic geologic history and processes.
- Explain Earth features in terms of surficial processes, tectonics, and human influence.
- Use the scientific method to investigate phenomena in the natural world and use concepts, experiments, and/or theory to explain them.

Associate in Science for Transfer Degree Major Requirements

Code	Title	Units
Required Core		
CHEM 1A	General Chemistry I	5
CHEM 1B	General Chemistry II	5
GEOL 2 & GEOL 2L	Physical Geology and Physical Geology Laboratory	4
GEOL 3 & GEOL 3L	Historical Geology and Historical Geology Lab	4
MATH 20A	Calculus with Analytic Geometry I	4
MATH 20B	Calculus with Analytic Geometry II	4
TOTAL MAJOR UNITS		26
Additional Requirements		34
Complete CSU General Education or IGETC pattern and electives, if needed, for a total of 60 transferable units.		
Total Units		60

Please refer to the graduation requirements section of the Catalog for information about degree and certificate requirements including Reading and Writing, Mathematics, Information Competency, and General Education requirements.