

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.