

GEOLOGY, ASSOCIATE IN SCIENCE FOR TRANSFER

students who plan to transfer and complete a Bachelor's degree in Geology, or a "similar" major at a CSU campus. Students completing the AS-T degree in Geology are guaranteed admission to the CSU system, but not necessarily to a particular CSU campus or major of their choice. For a current list of what majors (and what options or areas of emphasis within that major) have been designed as "similar" to this degree at each CSU campus, please refer to adegreewithaguarantee.com or icangotocollege.org and seek guidance from a Moorpark College counselor.

To earn an AS-T in Geology, students must:

1. Complete of **60** semester or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth (CSU GE-Breadth) requirements
 - b. A minimum of **28** semester units in Geology major as listed in the Moorpark College catalog.
2. Obtain a minimum grade point average (GPA) of at least **2.0** in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some transfer institutions and majors may require a higher GPA. Please consult with a counselor for more information.
3. Obtain a grade of "**C**" or better or "**P**" in all courses required in the major. Even though a "pass-no-pass" is allowed (Title 5 §55063), it is highly recommended that students complete their major courses with a letter grade (A, B, or C).
4. Complete requirements in residency. For students in the Ventura County Community College District, a minimum of 12 units must be completed in residency at the college granting the degree.

Students transferring to a CSU campus that **does** accept the AS-T in Geology will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major at a particular campus). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor to obtain more information on university admission and transfer requirements.

Course ID	Title	Units/ Hours
Required Core		
GEOL M02/M02H	Physical Geology	3
GEOL M02L	Physical Geology Lab	1
GEOL M03	Earth History	3
GEOL M03L	Earth History Lab	1
CHEM M01A/M01AH	General Chemistry I	5
CHEM M01B	General Chemistry II	5
MATH M25A/M25AH	Calculus with Analytic Geometry I	5
MATH M25B/M25BH	Calculus with Analytic Geometry II	5
Total Required Major Units: 28		
CSU General Education-Breadth: 39		
Double-Counted Units: 7		

Electives to meet 60 CSU units: 0

IGETC Pattern: 37. NOTE: IGETC 1C is required for all CSU applicants. Students applying to a UC or Private school may earn this ADT without IGETC 1C but will be ineligible to apply to a CSU.

Double-Counted Units: 7

Electives to meet 60 CSU units: 2

Total Units Required for the AS-T Degree: 60

Course ID	Title	Units/ Hours
Recommended Preparation (Not part of the TMC)		
BIOL M02A/M02AH	General Biology I	5
GEOL M04	Mineralogy	4
PHYS M20A & M20AL	Mechanics of Solids and Fluids and Mechanics of Solids and Fluids Laboratory	5
PHYS M20B & M20BL	Thermodynamics, Electricity, and Magnetism and Thermodynamics, Electricity, and Magnetism Laboratory	5

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

- apply the principles of Earth system science and plate tectonic theory to describe and explain Earth's materials, landscapes, natural hazards, and dynamic history.
- analyze scientific data to make interpretations, propose hypotheses, or analyze existing hypotheses.