

# 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](http://adegreewithaguarantee.com) or [icangotocollege.org](http://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
<b>Required Core</b>		
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
<b>Total Required Major Units: 28</b>		
<b>CSU General Education-Breadth: 39</b>		
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
<b>Recommended Preparation (Not part of the TMC)</b>		
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.