GEOLOGY, ASSOCIATE IN SCIENCE FOR TRANSFER

The Associate in Science in Geology for Transfer (AS-T in Geology) is intended for students who plan to transfer and complete a bachelor's degree in Geology, or a "similar" major at a CSU campus. Each CSU campus determines which of the degrees it offers are "similar" and can be completed with the preparation included in the AS-T in Geology within 60 units once a student transfers, so which majors are "similar" varies from CSU to CSU. For a current list of what majors (and what options or areas of emphasis within that major) have been designated as "similar" to this degree at each CSU campus, please refer to the CSU's Associate Degree for Transfer Major and Campus Search (https://www.calstate.edu/apply/transfer/Pages/associate-degree-for-transfer-major-and-campus-search.aspx) website and seek guidance from a Moorpark College counselor. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

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

1. Complete 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. The coursework required for the AS-T in Geology 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 §55062), 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 semester units must be completed in residence within the college district.

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	Physical Geology	3
or GEOL M02H	Honors: Physical Geology	
GEOL M02L	Physical Geology Lab	1
GEOL M03	Earth History	3
GEOL M03L	Earth History Lab	1
CHEM M01A	General Chemistry I	5
or CHEM M01AH	Honors: General Chemistry I	
CHEM M01B	General Chemistry II	5
MATH M25A	Calculus with Analytic Geometry I	5
or MATH M25AH	Honors: Calculus with Analytic Geometry I	
MATH M25B	Calculus with Analytic Geometry II	5
or MATH M25BH	Honors: Calculus with Analytic Geometry II	
Total Units for the Major		**28**
CSU General Education-Breadth		**39**
Double-Counted Units		7
Electives Units to meet 60 CSU transferable		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 Units to meet 60 CSU transferable		2
Total Units Required for the AS-T Degree		**60**

Course ID	Title	Units/ Hours
Recommended Preparation (Not part of the TMC)		
BIOL M02A	General Biology I	5
or BIOL M02AH	Honors: General Biology I	
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.