

## PROGRAM OF STUDY

### Associate in Science Degree in Geology for Transfer AS-T

The Associate in Science Degree in Geology for Transfer (AS-T) is intended for 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. Students should consult with a counselor for more information on university admission and transfer requirements, as this AS-T in Geology may not be the best option for students intending to transfer to a particular CSU campus or to a college or university that is not part of the CSU system.

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

1. Complete 60 semester or 90 quarter CSU transferable units.
2. Obtain 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 majors may require a higher GPA.
3. Complete 28 specified major units. All courses in the major must be completed with a grade of C or better or a "P" if the course is taken on a "pass-no-pass" basis (Title 5 § 55063). Even though a "pass-no-pass" is allowed, it is recommended that students complete their major courses with a grade.
4. Obtain certification of the California State University General Education-Breadth (CSU GE) pattern or the Intersegmental General Education Transfer Curriculum (IGETC for CSU) pattern.

**NOTE: Although the CSU GE pattern is permissible for the Associate Degree for Transfer (ADT), it is recommended that students select and complete the IGETC for CSU GE so as to stay within the 60 units allowed.**

#### **REQUIRED CORE: Complete the following courses (18 units)**

	Units
GEOL M02 Physical Geology	3
GEOL M02L Physical Geology Lab Earth	1
GEOL M03 History	3
GEOL M03L Earth History Lab	1
CHEM M01A/H General Chemistry I/Honors	5
CHEM M01B Chemistry II	5

#### **Mathematics Requirement: One Year of Calculus**

MATH M25A Calculus with Analytic Geometry I/Honors	5
MATH M25B Calculus with Analytic Geometry II	5

#### **Additional Recommended Preparation (not part of the TMC):**

BIOL M02A General Biology I	5
GEOL M04 Mineralogy	4
PHYS M20A Mechanics of Solids and Fluids	4
PHYS M20AL Mechanics of Solids and Fluids Lab	1
PHYS M20B Thermodynamics, Electricity and Magnetism	4
PHYS M20BL Thermodynamics, Electricity and Magnetism Laboratory	1

**Total Units for the Major: 18-20**

**General Education Requirements**

**CSU GE-Breadth Certification Plan: 39**

**IGETC: 34\* - 37**

**\*IGETC Area 1C (Oral Communication)** 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.

**TOTAL DEGREE UNITS: 60**

State Approved: 2. 2017