

# GEOLOGY ASSOCIATE IN SCIENCE DEGREE FOR TRANSFER

PROGRAM CODE: 2S36883

The **Associate in Science in Geology for Transfer (AS-T) Degree**, also called the Geology AS-T Degree, prepares students to transfer to CSU campuses that offer bachelor's degrees in geology. Ed Code Section 66746-66749 states that students earning the Geology AS-T Degree will be granted priority for admission as a Geology major to a local CSU, as determined by the CSU campus to which the student applies. This degree requires students to complete 60 CSU transferable units including completion of CSU GE or IGETC and 26 units in the major with a cumulative GPA of 2.0 or better. Title 5 requires that students earn a grade of C or better in all major coursework. There are no additional graduation requirements. Students with a degree in geology may pursue careers in a variety of industries such as education, environmental technology, mineral (fossil fuels, metals) discovery and extraction, archeology, research, and more. The Geology AS-T Degree requires a total of 26 units of required courses as indicated below. Recommended courses are not required for the degree but are highly recommended if you plan to pursue the Bachelor's in Science degree in geology.

Code	Title	Units
<b>Required Courses (26 units):</b>		
ESC 100 F & ESC 100LF	Physical Geology and Physical Geology Lab	4
ESC 103 F	Historical Geology	4
CHEM 111AF	General Chemistry I	5
CHEM 111BF	General Chemistry II	5
MATH 151 F or MATH 151HF	Calculus I (formerly MATH 150AF) Honors Calculus I (formerly MATH 150HF)	4
MATH 152 F or MATH 152HF	Calculus II (formerly MATH 150BF) Honors Calculus II	4
<b>Recommended Courses (0-13 units):<sup>1</sup></b>		
BIOL 101 F or BIOL 101HF	General Biology Honors General Biology	5
PHYS 221 F	General Physics I	4
PHYS 222 F	General Physics II	4
<b>Total Units</b>		<b>26</b>

<sup>1</sup> Contact your specific transfer institution for more information.

**Outcome 1:** Demonstrate an understanding of how the scientific method is used to explore topics in geology.

**Outcome 2:** Apply geology concepts to better understand current issues of environmental and/or geologic concern.