GEOLOGY, ASSOCIATE IN SCIENCE DEGREE FOR TRANSFER

Banner Code: 3_AST_GEOL
Control Number: 38603
Financial Aid Eligible

The Geology Associate in Science for Transfer is designed to foster in students an understanding of the Earth: the processes that affect its surface and interior, its formation and evolution through time, and its functioning as the physical environment for the living world. Geology students build critical thinking, research, and knowledge application skills that are useful in a variety of fields.

Associate Degrees for Transfer (AA-T or AS-T) are open to all Coastline students. Students who do not plan on transferring to a California State University school should consult their Counselor regarding the benefits of an AA-T/AS-T degree based on their goals. Students earning an AA-T or AS-T and intending on transferring to a California State University school receive transfer admission benefits for specific majors at many California State University campuses. Visit the Transfer Information (https://catalog.cccd.edu/coastline/transfer-information/) catalog page for more information.

Program Level Student Learning Outcomes

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

1. Communicate scientific concepts effectively in written and/or oral forms
2. Find, select, and evaluate scientific information present in primary research literature, mass media, online, or other sources.
3. Design and apply the process of science to address a hypothesis in a laboratory setting.

Associate Degree for Transfer Requirements

1. Minimum of 60 CSU-transferable semester units. A minimum of 12 units must be in residence at Coastline College.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework.
3. Completion of a minimum of 18 semester units in an Associate Degree for Transfer major as detailed in the catalog.
4. Certified Completion of the California State University General Education-Breadth pattern (CSU GE Breadth - Coastline's Option 2 General Education pattern), OR the Intersegmental General Education Transfer Curriculum (IGETC - Coastline Option 3 General Education pattern).

Course	Title	Units
Required Core		
Complete the following:		
GEOL C105	General Geology	3
GEOL C105L	Geology Lab	1
GEOL C185	Historical Geology	3
GEOL C185L	Historical Geology Lab	1
CHEM C180	General Chemistry A	4
CHEM C180L	General Chemistry A Lab	1
CHEM C185	General Chemistry B	4
CHEM C185L	General Chemistry B Lab	1
MATH C180	Calculus 1	5
MATH C185	Calculus 2	5
Units Required for Major		28
CSU General Education or IGETC pattern		37-39
Transfer Electives as needed to reach 60 transferable units		Varies
Total Units		**60**

Geology ADT Program Map

This Associate Degree for Transfer (ADT) program map is a recommended example of all major (program) requirements as well as general education requirements for two-year completion or transfer. This path may be altered to fit your individual academic needs. These two-year program maps were created by program faculty and counselors and demonstrate a recommended path to completion. **Students are advised to meet with a Coastline Counselor for individualized program planning.**

Your Path to Success

Follow this path to earn your ADT in Geology in 2 years.

Don't forget to consult a counselor for an education plan!

See a graphic of the Geology Associate Degree for Transfer roadmap (https://documents.coastline.edu/Academics/Degrees/Degree%20Roadmaps/ADT%20-%20Geology.pdf).

Course	Title	Units
1st Semester		
ENGL C100	Freshman Composition	4
COUN C105	Strategies for College Success	3
MUS C100	History and Appreciation of Music	3
MATH C180	Calculus 1	5
2nd Semester		
CMST C110	Public Speaking	3
MRSC C100	Introduction to Marine Science	3
SOC C233	Racial and Ethnic Relations in America	3
ENGL C102	Critical Reasoning, Reading, and Writing	3
MATH C185	Calculus 2	5
3rd Semester		
PSYC C100	Introduction to Psychology	3
HIST C175	United States History since 1876	3
CHEM C180	General Chemistry A	4
CHEM C180L	General Chemistry A Lab	1
GEOL C105	General Geology	3
GEOL C105L	Geology Lab	1
4th Semester		
PHIL C120	Ethics	3
PSCI C180	American Government	3
CHEM C185	General Chemistry B	4

Course	Title	Units
GEOL C185	Historical Geology	3
GEOL C185L	Historical Geology Lab	1