

# GEOLOGY - ASSOCIATE IN SCIENCE TRANSFER DEGREE

for transfer will not be required to complete any other local graduation requirements.

Plan Code: 5503C

This program is designed to prepare students with a general education in the principles, concepts and methodologies of geology. This degree is designed to increase students' understanding of the earth, and to continue their education toward upper division courses in the Earth Sciences. Students will have guaranteed admission to the CSU system, but not to a particular campus or major. The Associate in Science in Geology for Transfer degree will prepare students for meaningful career employment and will facilitate transfer in a related major if desired.

## Program Student Learning Outcomes

- Demonstrate the ability to attain the Institutional Student Learning Outcomes (ISLOs).
- Differentiate between unsupported opinion and verifiable scientific fact supported by observations, experiments, and scientific theory.
- Demonstrate a basic understanding of the field of geology by applying basic geologic concepts verbally and in writing.

## Program Requirements

This degree requires the completion of General Education coursework plus the following:

Code Number	Course Title	Units
<b>REQUIRED CORE COURSES</b>		
GEOL 1/1H	General Physical Geology	4.5
OR		
GEOL 2 & 2L	General Geology, Physical and General Geology, Physical Geology Lab	4.5
GEOL 3/3H	Historical Geology	4.5
CHEM 1A	General Chemistry	5.5
CHEM 1B	General Chemistry	5.5
MATH 60/60H	First Calculus Course	5
MATH 70/70H	Second Calculus Course	5
<b>Required Subtotal</b>		<b>30</b>
Complete the following: <sup>1</sup>		37
IGETC Pattern (Plan C) ( <a href="https://lbcc-public.courseleaf.com/academic-requirements/general-education-transfer-degree-certificate-requirements/general-education-plans/plan-c/">https://lbcc-public.courseleaf.com/academic-requirements/general-education-transfer-degree-certificate-requirements/general-education-plans/plan-c/</a> )		
Transferable Electives (as needed to reach 60 transferable units) <sup>2</sup>		
<b>Degree Total</b>		<b>60</b>

<sup>1</sup> Units for the major may be double-counted for IGETC; see counselor for limitations.

<sup>2</sup> Elective units from course(s) numbered 1-99, if needed, to reach 60 transferable units.

To earn the Geology - Associate in Science Transfer Degree, a student must complete 60-semester units that are eligible for transfer to a CSU that consist of the IGETC pattern and the major requirements. Students must have a minimum GPA of 2.0 in all CSU-transferable coursework to receive an associate degree for transfer and all courses in the major must be completed with a C or better. Students earning an associate degree