

# Geology



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Geology is the study of Earth, particularly the processes that have shaped our world and continue to do so.

An AS in Geology can provide a pathway to bachelor's degrees in other geosciences, such as atmospheric sciences/meteorology, environmental engineering, and interdisciplinary fields such as climate science, and Earth system science.

## **What Will I Learn?**

Students will gain a solid foundation in the understanding of processes operating in Earth's interior and on its surface, how Earth has changed throughout its long history and continues to change as a result of natural and human causes, and how rocks, fossils, and Earth surface features provide information needed to gain insight into the distant past of our world. An associate of science in geology from Lee College is a great first step toward a bachelor of science in geology and numerous related fields.

## **What can I do with this course of study?**

An advanced degree in Geology can lead to a variety of different careers such as:

- Geologist in environmental or petroleum industries or government agencies
- Environmental scientist or environmental engineer
- Geotechnical engineer

- Hydrogeologist
- Climate scientist

## Degrees and Certificates

Associate of Science in Geology

### Geology Nonspecific Transfer Plan

Please note that MATH 1314 & MATH 2412 are pre-requisites for MATH 2413. This plan includes general course options for transferring into a GEOLOGY BS without a specific transfer institution. Students will need to work with an advisor to customize the plan once a transfer school is selected. The plan includes more than the 60 hours required for an Associate of Science and allows students to complete additional bachelor's degree requirements before transfer.

**Foundations: These are the courses students need in order to progress in their career/college pathway, as they either provide a certificate or lay the groundwork for moving to the next set of courses.**

Course	Lee College Course Title	Transfer School Counts Toward
EDUC 1200	Learning Frameworks	
ENGL 1301	English Composition 1	
GEOL 1403	Physical Geology	
CHEM 1411	General Chemistry 1; Lecture and lab	
MATH 2413	Calculus 1	
HIST 1301	History of the United States to 1877	
SBS Option	Select one course from the SBS Core Component Area	
GEOL 1404	Historical Geology	

**Knowledge Building: These courses further the students' knowledge in the area of study and increase their preparation for the degree completion.**

Course	Lee College Course Title	Transfer School Counts Toward
SPCH 1315	Principles of Public Speaking	
CHEM 1412	General Chemistry 2; Lecture and lab	
PHYS 1401	College Physics 1; Lecture and lab	
ARTS 1303 or 04	Art History 1 OR Art History 2	
GOVT 2305	Federal Government	

LPC Option                      Select one course from  
  the LPC Core Component  
  Area  
ENGL 1302                      English Composition 2

**Completion: These are the courses the student needs in order  
to complete the degree plan and prepare to enter the workforce.**

	<b>Lee College</b>	<b>Transfer School</b>
<b>Course</b>	<b>Course Title</b>	<b>Counts Toward</b>
HIST 1302	History of the United States since 1877	
PHYS 1402	College Physics 2; Lecture and lab	
GOVT 2306	Texas Government	

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## **Contact Info.**

Regina M. Barrera  
Division Chair, Biology, Chemistry, Environmental Science, and Geology  
FT Faculty - Science Lab Coordinator  
[rbarrera@lee.edu](mailto:rbarrera@lee.edu)  
281.425.6812

[Contact an advisor/counselor](#)