

Bachelor of Science, Geology

CORE REQUIREMENTS

Department of Environmental & Geosciences

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geosciences@shsu.edu

Course Name	Hours	TCCNS	SHSU
Communication (6 hours)			
Composition I	3	ENGL 1301	ENGL 1301
Composition II	3	ENGL 1302	ENGL 1302
Mathematics (3 hours)			
Calculus I	3	MATH 2413	MATH 1420
Life & Physical Sciences (6 hours)¹			
Choose <u>two</u> courses from your current Texas community college's core approved list.			
Language, Philosophy, & Culture (3 hours)			
Choose <u>one</u> course from your current Texas community college's core approved list.			
Creative Arts (3 hours)			
Choose <u>one</u> course from your current Texas community college's core approved list.			
American History (6 hours)			
United States History to 1876	3	HIST 1301	HIST 1301
United States History since 1876	3	HIST 1302	HIST 1302
Government/Political Science (6 hours)			
American Government	3	GOVT 2305	POLS 2305
Texas Government	3	GOVT 2306	POLS 2306
Social & Behavioral Science (3 hours)			
Choose <u>one</u> course from your current Texas community college's core approved list.			
Component Area Option Recommendations (6 hours)			
Choose <u>two</u> courses from your current Texas community college's core approved list.			

MAJOR REQUIREMENTS

Full degree can be found here: <https://www.shsu.edu/programs/bachelor-of-science-in-geology/index.html>

Course Name	Hours	TCCNS	SHSU
Calculus I	4	MATH 2413	MATH 1420
Calculus II	4	MATH 2414	MATH 1430
General Chemistry I ¹	4	CHEM 1411	CHEM 1411
General Chemistry II ¹	4	CHEM 1412	CHEM 1412
General Physics Mechanics & Physics Lab I	4	PHYS 1301/1101	PHYS 1301/1101
General Phy-Snd-Lght-Elec-Mag & Physics Lab II	4	PHYS 1302/1102	PHYS 1302/1102
Historical Geology	4	GEOL 1404	GEOL 1404
Physical Geology OR Geologic & Environmental Hazards	4	GEOL 1403 OR GEOL 1405	GEOL 1403 OR GEOL 1405
Courses for required minor			
A minor is required for this program. A full list of minors can be found here: https://catalog.shsu.edu/degree-programs/			

*SHSU accepts a maximum of 70 credit hours: 66 academic hours + 4 hours of activity-based physical education (kinesiology) hours. Students must earn a 2.0 minimum overall GPA in all coursework, overall major GPA in all major coursework, SHSU GPA in all coursework, and SHSU major GPA in all major coursework.

A minor is required for this program.

1- CHEM 1411 and CHEM 1412 satisfy the Life and Physical Sciences core requirements.