

Bachelor of Science, Environmental Science (Water Resources Concentration)

CORE REQUIREMENTS

Department of Environmental & Geosciences

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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	4	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)²			
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	HSTY 1301
United States History since 1876	3	HIST 1302	HSTY 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)³			
Choose <u>one</u> course from your current Texas community college's core approved list.			
Component Area Option Recommendations (6 hours)⁵			
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-environmental-science>

Course Name	Hours	TCCNS	SHSU
General Biology I ¹	4	BIOL 1406	BIOL 1406
General Biology II ¹	4	BIOL 1407	BIOL 1407
General Chemistry I ¹	4	CHEM 1411	CHEM 1411
General Chemistry II ¹	4	CHEM 1412	CHEM 1412
Environmental Science ¹	4	ENVR 1401	BIOL 1401
Calculus II ⁴	4	MATH 2414	MATH 1430
Physical Geology OR Geologic & Environmental Hazards OR Weather and Climate ¹	8	GEOL 1403 GEOL 1405 GEOL 1447	GEOL 1403 GEOL 1405 GEOG 1401

*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.

- 1 - Satisfies Component Area III: Life and Physical Science
- 2 - Department recommends SOCI 2319 or GEOG 2355 or GEOG 2356 (TCCN GEOG 1303) for Component Area IV because they also satisfy a course prerequisite for a required upper division SHSU course.
- 3 - Department recommends ECON 2300 (TCCN ECON 1301), 2301, 2302, or GEOG 1300 (TCCN GEOG 1302) for Component Area VIII.
- 4 - Degree Requirement contains multiple course options. Only take if interested in groundwater rather than surface water.
- 5 - MATH 1420 satisfies 1 credit hour of Component Area IX: Component Area Option.