

Bachelor of Science, Environmental Science (Water Resources Concentration)

Department of Environmental & Geosciences

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Core Curriculum Requirements	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) ¹	Calculus I	4	MATH 2413	MATH 1420
Life & Physical Sciences (6 hours)	Choose <u>two</u> courses from your current Texas community college's core approved list. <i>BIOL 1406 & BIOL 1407 are required for the SHSU degree.</i>			
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) ¹	Choose <u>two</u> courses from your current Texas community college's core approved list.			
Major Requirement or Field of Study	Course Name	Hours	TCCNS	SHSU
Major	General Biology I	4	BIOL 1406	BIOL 1406
Major	General Biology II	4	BIOL 1407	BIOL 1407
Major	General Chemistry I	4	CHEM 1411	CHEM 1411
Major	General Chemistry II	4	CHEM 1412	CHEM 1412
Major	Environmental Science	4	ENVR 1401	BIOL 1401
Major	Calculus II ⁴	4	MATH 2414	MATH 1430
Major	Physical Geology OR Geologic & Environmental Hazards OR Weather and Climate	8	GEOL 1403 GEOL 1405 GEOL 1447	GEOL 1403 GEOL 1405 GEOL 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 - MATH 1420 satisfies Component Area II: Mathematics, and 1 credit hour of Component Area IX: Component Area Option.

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.

Full degree can be found here: [Environmental Science](#)