



**Bachelor of Science, Environmental Science (Water Resources Concentration)**

**CORE REQUIREMENTS**

Department of Environmental & Geosciences

936.294.1532

geosciences@shsu.edu

Course Name	Hours	TCCNS	SHSU
<b>Communication (6 hours)</b>			
Composition I	3	ENGL 1301	ENGL 1301
Composition II	3	ENGL 1302	ENGL 1302
<b>Mathematics (3 hours)</b>			
Calculus I	4	MATH 2413	MATH 1420
<b>Life &amp; Physical Sciences (6 hours)</b>			
Choose <u>two</u> courses from your current Texas community college's core approved list. <sup>1</sup>			
<b>Language, Philosophy, &amp; Culture (3 hours)</b>			
Choose <u>one</u> course from your current Texas community college's core approved list. <sup>2</sup>			
<b>Creative Arts (3 hours)</b>			
Choose <u>one</u> course from your current Texas community college's core approved list.			
<b>American History (6 hours)</b>			
United States History to 1876	3	HIST 1301	HIST 1301
United States History Since 1876	3	HIST 1302	HIST 1302
<b>Government/Political Science (6 hours)</b>			
American Government	3	GOVT 2305	POLS 2305
Texas Government	3	GOVT 2306	POLS 2306
<b>Social &amp; Behavior Sciences (3 hours)</b>			
Choose <u>one</u> course from your current Texas community college's core approved list. <sup>3</sup>			
<b>Component Area Option Recommendations (6 hours)</b>			
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 Botany <u>OR</u> General Biology I <sup>1</sup>	4	BIOL 1411 or BIOL 1406	BIOL 1411 or BIOL 1406
General Zoology <u>OR</u> General Biology II <sup>1</sup>	4	BIOL 1413 or BIOL 1407	BIOL 1413 or BIOL 1407
General Chemistry I <sup>1</sup>	4	CHEM 1411	CHEM 1411
General Chemistry II <sup>1</sup>	4	CHEM 1412	CHEM 1412
Elementary Statistics	3	MATH 1342	MATH 1342
Environmental Science	4	BIOL 1401	BIOL 1401
Calculus II <sup>4</sup>	4	MATH 2414	MATH 1430
Physical Geology <u>OR</u> Geologic & Environmental Hazards <u>OR</u> Weather and Climate <sup>1</sup>	8	GEOL 1403 or GEOL 1405 or GEOL 1447	GEOL 1403 or GEOL 1405 or GEOG 1401

\*SHSU accepts a maximum of 70 credit hours: 66 academic hours + 4 hours of activity-based physical education (kinesiology) hours.

1-Satisfies Component Area III: Life and Physical Science

2-Department recommends SOCI 2319 or GEOG 1301 for Component Area IV because they also satisfy a course prerequisite for a required upper division SHSU course.

3-Department recommends ECON 1301, 2301, 2302 or GEOG 1302 for Component Area VIII.

4-Degree Requirement contains multiple course options. Only take if interested in groundwater rather than surface water

Students must earn a 2.0 minimum overall GPA in all coursework.

Students must meet a 2.0 minimum overall major GPA in all major coursework.

Students must earn a 2.0 minimum SHSU GPA in all coursework.

Students must meet a 2.0 minimum SHSU major GPA in all major coursework.