

Bachelor of Science, Biology

Department Biological Sciences

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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) ²	General Biology I and General Biology II	8	BIOL 1406 and BIOL 1407	BIOL 1406 and BIOL 1407
Language, Philosophy, & Culture (3 hours)	Introduction to Philosophy	3	PHIL 1301	PHIL 1301
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)	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 Chemistry	4	CHEM 1411	CHEM 1411
Major	General Chemistry II	4	CHEM 1412	CHEM 1412
Major	Organic Chemistry I w/lab	4	CHEM 2323/2123	CHEM 2323/2123
Major	Calculus II ³	4	MATH 2414	Math 1430
Major	General Physics-Mechanics & Heat w/lab	4	PHYS 1301 & 1101	PHYS 1301 & 1101
Major	General Physics-Sound, Light, Electricity & Magnetism w/lab	4	PHYS 1302 & 1102	PHYS 1302 & 1102

*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 not required for this program; however, a concentration is required. See concentration options and course listings [here](#).

1 - MATH 1420 fulfills the Core Curriculum requirement for Component Area II (Mathematics), and 1 hour will apply to Component Area IX (Component Area Option)

2 - BIOL 1406 and BIOL 1407 or CHEM 1411 and CHEM 1412 satisfy the Core Curriculum requirement for Component Area III (Life and Physical Science).

3 - Students that are pre-health should take MATH 3379 instead of Calculus II. MATH 3379 is offered at SHSU.

Full degree can be found here [Biology, Bachelors](#)