

Bachelor of Science, Biomedical Sciences

CORE REQUIREMENTS

Department of Biological Sciences

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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)¹			
Calculus I	4	MATH 2413	MATH 1420
Life & Physical Sciences (6 hours)²			
Choose two courses from your current Texas community college's core approved list.			
Language, Philosophy, & Culture (3 hours)			
Choose one course from your current Texas community college's core approved list.			
Creative Arts (3 hours)			
Choose one 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 one course from your current Texas community college's core approved list.			
Component Area Option Recommendations (6 hours)¹			
Choose two 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-biomedical-sciences/index.html>

Course Name	Hours	TCCNS	SHSU
General Chemistry ²	4	CHEM 1411	CHEM 1411
General Chemistry II ²	4	CHEM 1412	CHEM 1412
Organic Chemistry I w/ Lab	4	CHEM 2323 & 2123	CHEM 2323 & 2123
Organic Chemistry II w/ Lab	4	CHEM 2325 & 2125	CHEM 2325 & 2125
Calculus II ³	4	MATH 2414	MATH 1430
General Phy-Mechanics & Heat w/ Lab	4	PHYS 1301 & 1101	PHYS 1301 & 1101
General Phy-Snd, Lght, Elec, & Mag w/ Lab	4	PHYS 1302 & 1102	PHYS 1302 & 1102
General Biology I ²	4	BIOL 1406	BIOL 1406
General Biology II ²	4	BIOL 1407	BIOL 1407

*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.

- 1 - MATH 1420 satisfies the Core Curriculum requirement for Component Area II (Mathematics) as well as 1HR of the Core Curriculum requirement for 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.