



Bachelor of Science, Mathematics

CORE REQUIREMENTS

Department of Mathematics & Statistics

936.294.1223

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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>			
See Component Area III requirements below**			
<b>Language, Philosophy, &amp; Culture (3 hours)</b>			
Choose <u>one</u> course from your current Texas community college's core approved list.			
<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.			
<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/academics/mathematics-and-statistics/degrees-offered>

Course Name	Hours	TCCNS	SHSU
Programming Fundamentals I	4	COSC 1436	COSC 1436
World Literature I: Before 17 <sup>th</sup> Century	3	ENGL 2332	ENGL 2332
Intro to Physics I	4	PHYS 2425	PHYS 1411
Intro to Physics II	4	PHYS 2426	PHYS 1422
Calculus I	4	MATH 2413	MATH 1420
Calculus II	4	MATH 2414	MATH 1430
Calculus III	4	MATH 2415	MATH 2440
<b>Component Area III (Life &amp; Physical Sciences) requirements**</b>			
Mathematics BS Degrees require students to <u>select 8 hours</u> from the following: General Botany (BIOL 1411) & General Zoology (BIOL 1413) General Chemistry I (CHEM 1411) & General Chemistry II (CHEM 1412) Eight hours from: GEOL 1403, GEOL 1404, GEOL 1405, & GEOL 1401			
<b>Courses for required minor</b>			
This program requires a minor. A full list of minors can be found here: <a href="https://catalog.shsu.edu/degree-programs/">https://catalog.shsu.edu/degree-programs/</a>			

\*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.  
 Students must meet a 2.5 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.  
 A minor is required for this program.