

Bachelor of Arts, Mathematics

CORE REQUIREMENTS

Department of Mathematics & Statistics

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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)			
Calculus I	4	MATH 2413	MATH 1420
Life & Physical Sciences (6 hours)¹			
See Component Area III requirements below**			
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	HIST 1301
United States History since 1876	3	HIST 1302	HIST 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)			
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-degree-in-mathematics/index.html>

Course Name	Hours	TCCNS	SHSU
Programming Fundamentals I	4	COSC 1436	COSC 1436
World Literature I: Before 17 th Century ²	3	ENGL 2332	ENGL 2332
Critical Thinking	3	PHIL 2303	PHIL 2303
Intro to Physics I** ¹	4	PHYS 2425	PHYS 1411
Calculus I	4	MATH 2413	MATH 1420
Calculus II	4	MATH 2414	MATH 1430
Calculus III	4	MATH 2415	MATH 2440
Component Area III (Life & Physical Sciences) requirements**¹			
Mathematics BA degrees require PHYS 2425 and a second lab science course from component area III.¹			
Courses for required minor			
A minor is required for this program. A full list of minors can be found here: https://catalog.shsu.edu/degree-programs/			
Foreign Language Requirement (14 hours)³			
SHSU requires 4 semesters of foreign language (same field).			

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

Students must meet a 2.5 minimum overall major GPA in all major coursework.

Students must earn a 2.0 minimum overall GPA in all coursework, SHSU GPA in all coursework, and SHSU major GPA in all major coursework.

A minor is required for this program.

MATH 2318 (TCCN) is not recommended.

1-Choose 4 credits from the following: BIOL 1411 or BIOL 1413 or CHEM 1411 or CHEM 1412 or GEOL 1403 or GEOL 1404 or GEOL 1405 or GEOG 1401

2-Satisfies Core Curriculum requirement for Component Area IV: Language, Philosophy, and Culture. Also, can select ENGL 2332 or ENGL 2333.

3-Intermediate I of foreign language satisfies Core Curriculum requirement for 3 credits of Component Area IX: Component Area Option.