

Bachelor of Science, Computing Science

CORE REQUIREMENTS

Department of Computer Science

936.294.3846

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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)			
Choose <u>two</u> courses from your current Texas community college's core approved list.			
Language, Philosophy, & Culture (3 hours)			
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)¹			
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-computing-science>

Course Name	Hours	TCCNS	SHSU
Calculus II	4	MATH 2414	MATH 1430
Discrete Mathematics	3	MATH 2305	MATH 2395
Programming Fundamentals I	4	COSC 1436	COSC 1436
Programming Fundamentals II	4	COSC 1437	COSC 1437
Comp Organization & Machine Language	3	COSC 2425	COSC 2329
Natural Science (8 hours)			
SHSU requires 8 hours of natural science courses (in addition to the core requirement)			

*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 degree program.

A concentration is required in Computer Science, Information Assurance, or Information Systems.

¹-MATH 1420 satisfies the Core Curriculum requirement for Component Area II (Mathematics), one semester credit hour of the Core Curriculum requirement for Component Area IX (Component Area Option), and the Degree Specific requirement.