



**Bachelor of Science, Software Engineering**

**CORE REQUIREMENTS**

Department of Computer Science

936.294.3846

computerscience@shsu.edu

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>			
Choose <u>two</u> courses from your current Texas community college's core approved list.			
<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; Behavioral Sciences (3 hours)</b>			
Choose <u>one</u> course from your current Texas community college's core approved list.			
<b>Component Area Option Recommendations (3 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://cs.shsu.edu/programs/>

Course Name	Hours	TCCNS	SHSU
Calculus I	4	MATH 2413	MATH 1420
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

\*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 2.0 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 not required for this program.