

## Bachelor of Science, Chemistry (Technical Career Track)

### CORE REQUIREMENTS

Department of Chemistry

936.294.1532

chemistry@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)<sup>1</sup></b>			
Calculus I	4	MATH 2413	MATH 1420
<b>Life &amp; Physical Sciences (6 hours)<sup>2</sup></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 Science (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)<sup>1</sup></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/programs/bachelor-of-science-in-chemistry>

Course Name	Hours	TCCNS	SHSU
Calculus II	4	MATH 2414	MATH 1430
General Chemistry I	4	CHEM 1411	CHEM 1411
General Chemistry II	4	CHEM 1412	CHEM 1412
Organic Chemistry I Lecture & Lab	4	CHEM 2323/2123	CHEM 2323/2123
Organic Chemistry II Lecture & Lab	4	CHEM 2325/2125	CHEM 2325/2125
General Physics Mechanics & Physics Lab I OR Introduction to Physics I	4	PHYS 1301/1101 PHYS 2425	PHYS 1301/1101 PHYS 1411
General Physics-Sound, Light, Electricity, & Magnetism, & Physics Lab II OR Introduction to Physics II	4	PHYS 1302/1102 PHYS 2426	PHYS 1302/1102 PHYS 1422

#### 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/>**

\*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 grade of C or higher is required for [CHEM 1411](#), [CHEM 1412](#), [CHEM 2323](#), [CHEM 2123](#), [CHEM 2325](#), [CHEM 2125](#), [CHEM 2401](#), and [CHEM 4448](#), and in all required Physics and Mathematics courses.  
1-MATH 1420 requirement for Core Curriculum Component Area II (Mathematics) as well as one hour of Component Area IX (Component Area Option).  
2-CHEM 1411 and CHEM 1412 satisfy the Core Curriculum requirements for Component Area III (Life and Physical Science) and the Major Specific requirement.