

Bachelor of Science, Chemistry (Professional Chemist Track)

Department of Chemistry

936.294.1532

chemistry@shsu.edu

Core Curriculum Requirements	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) ²	General Chemistry I and General Chemistry II	8	CHEM 1411 and CHEM 1412	CHEM 1411 and CHEM 1412
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	HSTY 1301
	United States History since 1876	3	HIST 1302	HSTY 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) ^{1,3}	Choose courses from your current Texas community college's core approved list.			
Major Requirement or Field of Study	Course Name	Hours	TCCNS	SHSU
Major	Calculus II	4	MATH 2414	MATH 1430
Major	Organic Chemistry I Lecture & Lab	4	CHEM 2323/2123	CHEM 2323/2123
Major	Organic Chemistry II Lecture & Lab	4	CHEM 2325/2125	CHEM 2325/2125
Major	General Physics Mechanics & Physics Lab I OR Introduction to Physics I	4	PHYS 1301/1101 PHYS 2425	PHYS 1301/1101 PHYS 1411
Major	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

*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 with this degree plan.

A grade of C or higher is required for CHEM 1411, CHEM 1412, CHEM 2123, CHEM 2125, CHEM 2323, CHEM 2325, CHEM 2401, CHEM 3367, CHEM 4448 and in all required Physics and Mathematics courses.

1 - MATH 1420 satisfies the requirement for the 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.

3 - UNIV 1101 satisfies one credit hour of the Core Curriculum requirement for Component Area IX (Component Area Option) and the Degree Specific requirement.

Full degree can be found here: [Chemistry](#)