



Bachelor of Science, Physics

CORE REQUIREMENTS

Department of Physics and Astronomy

936-294-1601

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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)<sup>1</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 Sciences (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)</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/academics/physics/>

Course Name	Hours	TCCNS	SHSU
Calculus II	4	MATH 2414	MATH 1430
Calculus III	4	MATH 2415	MATH 2440
General Chemistry I w/lab <sup>1</sup>	4	CHEM 1411	CHEM 1411
General Chemistry II w/lab <sup>1</sup>	4	CHEM 1412	CHEM 1412
Programming Fundamentals I	4	COSC 1436	COSC 1436
Introduction to Physics I w/lab	4	PHYS 2425	PHYS 1411
Introduction to Physics II w/lab	4	PHYS 2426	PHYS 1422
<b>Courses required for minor</b>			
SHSU requires a minor for this program. A full list of minors can be found here: <a href="https://catalog.shsu.edu/degree-programs/">https://catalog.shsu.edu/degree-programs/</a>			

\*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 required for this program.

1 - Satisfies Core Curriculum requirement for Component Area III (Life and Physical Science).