



Bachelor of Science, Engineering Technology (Biomedical Concentration)

CORE REQUIREMENTS

College of Engineering Technology

936.294.1223

engrtech@shsu.edu

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)			
Elementary Functions	4	MATH 2412	MATH 1410
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 & Behavior Sciences (3 hours)			
Choose <u>one</u> course from your current Texas community college's core approved list.			
Component Area Option Recommendations (6 hours)			
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/engineering-technology/degree-programs>

Course Name	Hours	TCCNS	SHSU
General Phy-Mechanics & Heat w/lab	4	PHYS 1301/1101	PHYS 1301/1101
General Phy-Snd, Lght, Elec, & Mag w/lab	4	PHYS 1302/1102	PHYS 1302/1102
Engineering Graphics	3	ENGR 1304	ETDD 1361
Intro to Circuits	3	ENGT 1401	E'EE 1340
Elementary Functions	4	MATH 2412	MATH 1410
Calculus I	4	MATH 2413	MATH 1420
General Biology I	4	BIOL 1406	BIOL 1406
Programming Fundamentals I	4	COSC 1436	COSC 1436
Intro to Organic & Biochem OR General Chemistry I	4	CHEM 1407 OR CHEM 1411	CHEM 1407 OR CHEM 1411
Circuits & Systems	3	ENGT 1402	E'EE 2320

*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.

BIOL 2403 and BIOL 2404 satisfy the Core Curriculum requirement for Component Area III and must be taken for the BMET concentration.