Sam Houston State University
MEMBER THE TEXAS STATE UNIVERSITY SYSTEM

Bachelor of Science, Agricultural Engineering Technology

CORE REQUIREMENTS

School of Agricultural Sciences 936.294.1216 asetgeneral@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)			
Pre-Calculus Algebra	3	**MATH 1314**	**MATH 1314**
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**	**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)			
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-agricultural-engineering-technology/index.html

Course Name	Hours	TCCNS	SHSU
Elementary Statistics	3	MATH 1342	MATH 1342
Principles of Financial Accounting	3	ACCT 2301	ACCT 2301
Engineering Graphics	3	ENGR 1304	ETDD 1361
Principles of Agricultural Economics OR Agribusiness Financial Analysis[1]	3	AGRI 2317 AGRI 1325	AGBU 2317 AGBU 2389
Intro to Ag Engineering Tech	3	AGRI 2303	AGET 2303
Computers in Agriculture OR Agribusiness Financial Analysis[2]	3	AGRI 1309 AGRI 1325	AGRI 1309 AGBU 2389
Animal Science w/lab OR Plant Science w/lab	4	AGRI 1319 & 1119 AGRI 1307 & 1107	ANSC 1319 & 1119 PLSC 1307 & 1107
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 minor is required for this program OR a concentration in Power Machinery Management.

1 - Students seeking a Concentration in Power Machinery Management must select AGBU 2389.
2 – AGRI 1325/AGBU 2389 recommended by the department.