

BACHELOR OF SCIENCE, MAJOR IN AGRICULTURAL BUSINESS WITH TEACHING CERTIFICATION

Code	Title	Hours
Bachelor of Science, Major in Agricultural Business with Teaching Certification		
Core Curriculum (https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/)		
Component Area I (Communication)		6
Component Area II (Mathematics) ¹		3
Component Area III (Life and Physical Science) ²		8
Component Area IV (Language, Philosophy, and Culture)		3
Component Area V (Creative Arts) ³		3
Component Area VI (U.S. History)		6
Component Area VII (Political Science/Government)		6
Component Area VIII (Social and Behavioral Sciences) ⁴		3
Component Area IX (Component Area Option) ⁵		4
Degree Specific Requirements		
ACOM 3360 or ENGL 3330	Communication Skills for Agriculturists Introduction to Technical Writing	3
AGRI 1309 or CSTE 1330	Computers in Agriculture (or approved substitute) Introduction to Computers	3
CHEM 1406	Inorganic & Environmental Chemistry ²	4
MATH 1324	Mathematics for Managerial Decision Making ¹	3
MATH 1342	Elementary Statistics	3
Major: Foundation		
AGBU 2317	Principles of Agricultural Economics	3
AGBU 2385	Analysis of the Agricultural Sector	3
AGBU 2389	Agribusiness Financial Analysis	3
AGBU 3361	Agribusiness Organization & Management	3
AGBU 3367	Agricultural Finance	3
AGBU 4340	Agribusiness Marketing	3
AGBU 4363	Agricultural Sales & Consulting	3
AGED 3310	Teaching Agricultural Technology	3
AGED 3320	The Secondary Agriculture Education Program	3
AGED 4388	Secondary Agriculture Education Program Management	3
AGET 2303	Introduction to Agricultural Engineering Technology	3
AGET 4384	Fusing & Joining of Metals & Non-Metals	3
ANSC 1319 & ANSC 1119	Animal Science and Animal Science Laboratory	4
ANSC 3373	Animal Nutrition	3
ANSC 4360	Livestock Management Techniques	3
PLSC 1307 & PLSC 1107	Plant Science and Plant Science Laboratory	4
PLSC 4370 or PLSC 3395	Forage Crops and Pasture Management Plant Propagation Techniques	3
Advanced Plant Science Elective		3
Major: Prescribed Electives		
Select one of the following Prescribed Electives:		3
ANSC 3376	Meat Science	
ANSC 4376	Sheep & Goat Production & Management	
ANSC 4380	Beef Cattle Production & Management	

EQSC 2364	Equine Science	
WMGT 2301	Principles of Wildlife Management	
AGBU 3350	Agribusiness for Agriculture Education Teachers	
Teaching Certification		
CISE 3384	The Teaching Profession	3
CISE 4364	Methods of Teaching in Secondary Schools	3
CISE 4379	Differentiated Pedagogy	3
CISE 4380	Responsibilities of the Professional Educator	3
READ 4378	Multiple Literacies in Secondary Education	3
AFNR Student Teaching		
AGED 4364	Methods of Teaching Agriculture Education	3
AGED 4365	Student Teaching in Agriculture Education	3
AGED 4366	Student Teaching in Agriculture Education	3
AGED 4394	Agriculture Education Learning Environments	3
Minor. Not Required ^{6,7}		
Total Hours		137

- ¹ MATH 1324 satisfies Core Curriculum requirement for Component Area II (Mathematics) and the Degree Specific requirement.
- ² CHEM 1406 satisfies the Core Curriculum requirement for Component Area III (Life and Physical Science) and the Degree Specific requirement.
- ³ PLSC 2399 is recommended and satisfies Core Curriculum requirement for Component Area V (Creative Arts).
- ⁴ ANSC 2360 or ECON 2301 or ECON 2302 is recommended and satisfies Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).
- ⁵ KINE 2115, NGLI 1101, or ECON 1100 is recommended and satisfies Core Curriculum requirement for Component Area IX (Component Area Option).
- ⁶ A minor is not required for this degree program; however, a student has the option to add a minor, but to do so additional semester credits hours will be needed above the degree program's stated total semester credit hours.
- ⁷ The following minors cannot be paired with this degree program: Minor in Conservation Biology and Minor in Early Childhood Education.

Notes

Students must meet a 2.75 minimum overall major GPA in all major coursework.

Students must earn a 2.0 minimum overall GPA in all coursework.

Students must earn a 2.0 minimum SHSU GPA in all coursework.

Students must meet a 2.75 minimum SHSU major GPA in all major coursework.

Students must earn a "C" or better in all Education coursework.

Students must earn an overall GPA of 2.75 (overall or in the last 60 hours) to be eligible for teacher certification.

First Year

Fall	Hours	Spring	Hours
AGET 2303		3 AGRI 1309 or CSTE 1330	3
ANSC 1319 & ANSC 1119		4 ENGL 1302 ¹	3
ENGL 1301 ¹		3 HSTY 1302 ²	3
HSTY 1301 ²		3 MATH 1342	3
MATH 1324 ³		3 PLSC 1307 & PLSC 1107	4
		16	16

Second Year

Fall	Hours	Spring	Hours
Component Area VIII (https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaviii) ⁴		3 Component Area III (https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiii)	4
AGBU 2317		3 Component Area IV (https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiii)	3
AGBU 2385		3 Component Area V (https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareav) ⁷	3
CHEM 1406 ⁵		4 Component Area IX (https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix) ⁸	1
POLS 2305 ⁶		3 AGBU 2389	3
		POLS 2306 ⁶	3
		16	17

Third Year

Fall	Hours	Spring	Hours	Summer	Hours
ACOM 3360 or ENGL 3330		3 Advanced PLCS Elective		3 Component Area IX (https://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix)	3
AGBU 3367		3 AGBU 3361		3 AGED 3310	3
AGBU 4363		3 AGBU 4340		3 AGED 4388	3

AGED 3320	3	ANSC 3373	3	AGET 4384	3
CISE 3384	3	CISE 4380	3		
		READ 4378	3		
	15		18		12
Fourth Year					
Fall	Hours	Spring	Hours		
ANSC 4360		3 AGED 4364		3	
CISE 4364		3 AGED 4365		3	
CISE 4379		3 AGED 4366		3	
PLSC 4370 or 3395		3 AGED 4394		3	
Prescribed Electives ⁹		3			
	15		12		

Total Hours: 137

¹ Satisfies Core Curriculum requirement for Component Area I (Communications).

² Satisfies Core Curriculum requirement for Component Area VI (U.S. History).

³ MATH 1324 satisfies Core Curriculum requirement for Component Area II (Mathematics) and the Degree Specific requirement.

⁴ ANSC 2360 or ECON 2301 or ECON 2302 is recommended and satisfies Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).

⁵ Satisfies Core Curriculum requirement for Component Area III (Life and Physical Science).

⁶ Satisfies Core Curriculum requirement for Component Area VII (Political Science/Government).

⁷ PLSC 2399 is recommended and satisfies the Core Curriculum requirement for Component Area V (Creative Arts).

⁸ KINE 2115, NGLI 1101 OR ECON 1100 is recommended and satisfies Core Curriculum requirement for Component Area IX (Component Area Option).

⁹ Select one course from the Prescribed Electives course listing below.

Code	Title	Hours
Prescribed Electives		
Animal Production Electives ⁹		
ANSC 3376	Meat Science	3
ANSC 4376	Sheep & Goat Production & Management	3
ANSC 4380	Beef Cattle Production & Management	3
EQSC 2364	Equine Science	3
WMGT 2301	Principles of Wildlife Management	3
AGBU 3350	Agribusiness for Agriculture Education Teachers	3

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The Texas Higher Education Coordinating Board (THECB) marketable skills initiative is part of the state's **60x30TX plan** and was designed to help students articulate their skills to employers. Marketable skills are those skills valued by employers and/or graduate programs that can be applied in a variety of work or education settings and may include interpersonal, cognitive, and applied skill areas.

The BS in Agricultural Business with Teaching Certification is designed to provide graduates with the following marketable skills:

- Manage, organize, and conduct Supervised Agricultural Experience Programs and Leadership, Career, and Speaking Development Events.
- Develop annual and long range plans (program of activity, semester, and lesson plans, etc.).
- Use effective research-based techniques to develop a positive classroom environment.
- Create lessons and units of instruction to meet the Texas Essential Knowledge and Skills requirements for Agriculture, Food, and Natural Resources classes.