

BACHELOR OF SCIENCE, MAJOR IN INTERDISCIPLINARY AGRICULTURE

This program is designed to meet the needs of students desiring a program of study in agricultural production management, agricultural education, extension education, or any of several other fields of study. The program allows for the selection of a minor in special interest areas such as chemistry, biology, business, environmental science, secondary education, or computer science. Specified course requirements for the major are structured to meet the specific needs of an individual student with the approval of the faculty advisor.

Code	Title	Hours
Bachelor of Science, Major in Interdisciplinary Agriculture		
Core Curriculum (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/)		
Component Area I (Communication)		6
Component Area II (Mathematics)		3
Component Area III (Life and Physical Science)		8
Component Area IV (Language, Philosophy, and Culture) ¹		3
Component Area V (Creative Arts)		3
Component Area VI (U.S. History)		6
Component Area VII (Political Science/Government)		6
Component Area VIII (Social and Behavioral Sciences) ²		3
Component Area IX (Component Area Option)		4
Degree Specific Requirements		
AGRI 1309 or CSTE 1330	Computers in Agriculture (or approved substitute) Introduction to Computers	3
CHEM 1406	Inorganic & Envir Chemistry ³	4
MATH 1314 or MATH 1332	Pre Calculus Algebra ⁴ College Mathematics	3
MATH 1369 or STAT 1369	Elementary Statistics Elementary Statistics	3
Major Core		
AGBU 2317	Principles of Agri Economics	3
ACOM 3360	Communication Skills for Agriculturists	3
AGBU 2389 or AGBU 3361	Agribusiness Financl Analysis Agribusiness Org & Mgt	3
AGET 2303	Intro to Ag Engineering Tech	3
AGRI 1131	Intro to Pro Leadership Skills	1
AGRI 4120	Professional Career Skills	1
AGRI 4388	Prin of Ag Leadership/Comm Dev	3
ANSC 1119	Animal Science Laboratory	1
ANSC 1319	Animal Science	3
ANSC 3373	Animal Nutrition	3
PLSC 1107	Plant Science Laboratory	1
PLSC 1307	Plant Science	3
PLSC 3440	Soil Science	4
Major Electives		
AGRI, AGBU, ACOM, AGET, AGED, ANSC, EQSC, PLSC or WMGT Elective		3
AGRI, AGBU, ACOM, AGET, AGED, ANSC, EQSC, PLSC or WMGT Electives (Advanced)		19
Minor (If Required)		
Minor		9
Minor (Advanced)		9
Total Hours		120

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- ¹ PLSC 2399 recommended.
² ANSC 2360 recommended.
³ CHEM 1406 satisfies Core Curriculum requirement for Component Area III (Life and Physical Science) and the degree specific requirement.
⁴ MATH 1314 or MATH 1332 satisfy the Core Curriculum requirement for Component Area II (Mathematics).

First Year

Fall	Hours	Spring	Hours
AGRI 1131		1 Component Area III (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiii)	4
ANSC 1319 & ANSC 1119		4 AGET 2303	3
ENGL 1301 ¹		3 ENGL 1302 ¹	3
HIST 1301 ²		3 HIST 1302 ²	3
MATH 1314 or 1332 ³		3 PLSC 1307 & PLSC 1107	4
		14	17

Second Year

Fall	Hours	Spring	Hours
Component Area V (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareav) ⁴		3 Component Area VIII (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaviii) ⁶	3
AGBU 2317		3 AGRI, AGBU, ACOM, AGED, AGET, ANSC, EQSC, PLSC, OR WMGT Elective	3
AGRI 1309 or CSTE 1330		3 CHEM 1406 ⁷	4
MATH 1369 or STAT 1369		3 Minor	3
POLS 2305 ⁵		3 POLS 2306 ⁵	3
		15	16

Third Year

Fall	Hours	Spring	Hours
Component Area IV (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiv)		3 Component Area IX (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix)	3
ACOM 3360		3 Component Area IX (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix)	1
AGBU 2389 or 3361		3 AGRI, AGBU, ACOM, AGED, AGET, ANSC, EQSC, PLSC, OR WMGT Advanced Elective	3
AGRI, AGBU, ACOM, AGED, AGET, ANSC, EQSC, PLSC, OR WMGT Advanced Elective		3 ANSC 3373	3
Minor		3 Minor	3
		15	13

Fourth Year

Fall	Hours	Spring	Hours
AGRI 4120		1 AGRI 4388	3
AGRI, AGBU, ACOM, AGED, AGET, ANSC, EQSC, PLSC, OR WMGT Advanced Electives		7 AGRI, AGBU, ACOM, AGED, AGET, ANSC, EQSC, PLSC, OR WMGT Advanced Electives	6
PLSC 3440		4 Minor (Advanced)	6

Minor (Advanced)	3	
	15	15

Total Hours: 120

- 3 Satisfies Core Curriculum requirement for Component Area II (Mathematics).
- 1 Satisfies Core Curriculum requirement for Component Area I (Communications).
- 2 Satisfies Core Curriculum requirement for Component Area VI (U.S. History).
- 4 PLSC 2399 recommended.
- 5 Satisfies Core Curriculum requirement for Component Area VII (Political Science/Government).
- 6 ANSC 2360 recommended.
- 7 Satisfies Core Curriculum requirement for Component Area III (Life and Physical Science).

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 Interdisciplinary Agriculture is designed to provide graduates with the following marketable skills:

- Apply independent and team-working skills to accomplish objectives and meet deadlines in a variety of agricultural enterprises.
- Demonstrate a work ethic and soft skills that are desirable of an employee.
- Analyze situational aspects and engage in critical thinking skills to formulate and implement problem-solving techniques in agricultural enterprises.
- Organize human, physical, and financial resources.
- Understand the importance and use of technology found in the agricultural and related industries for real-world problem solving.