BACHELOR OF SCIENCE, DOUBLE MAJOR IN EDUCATION AND INTERDISCIPLINARY AGRICULTURE

Code	Title	Hours
Bachelor of Science, Double Major in Education and 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) [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		
AGRI 1309	Computers in Agriculture (or approved substitute)	3
or CSTE 1330	Introduction to Computers	
CHEM 1406	Inorganic & Envir Chemistry [2]	4
KINE 2115	Lifetime Health and Wellness [5]	1
or ECON 1100	Economics of Social Problems	
or NGLI 1101	Research in the Digital Age	
MATH 1314	Pre Calculus Algebra [1]	3
or MATH 1324	Mth for Mngl Decision Making	
or MATH 1332	College Mathematics	
or MATH 1342	Elementary Statistics	
Major: Required (Education)		
CISE 3384	The Teaching Profession	3
CISE 4364	Mth Tch Secondary Schools	3
CISE 4379	Differentiated Pedagogy	3
CISE 4380	Respon Of Pro Educator	3
READ 4378	Multiple Literacies in Secondary Education	3
SPED 3301	Learn and Instruc Child W/Disa	3
TESL 4303	Teaching Eng As A Second Lang	3
Major: Required (Interdisciplinary Agriculture)		
ACOM 3360	Communication Skills for Agriculturists	3
AGBU 2317	Principles of Agri Economics	3
AGBU 2389	Agribusiness Financl Analysis	3
AGED 3310	Teaching Ag Technology	3
AGED 3320	The Secondary Agriculture Education Program	3
AGED 4388	Secondary Agriculture Education Program Management	3
AGET 2303	Intro to Ag Engineering Tech	3
AGET 4381	Adv Agricultural Mechanics	3
AGRI 1131	Intro to Pro Leadership Skills	1
ANSC 1319 & ANSC 1119	Animal Science and Animal Science Laboratory	4
ANSC 3373	Animal Nutrition	3
ANSC 4360	Livestock Mgt Techniques	3
PLSC 1307 & PLSC 1107	Plant Science and Plant Science Laboratory	4

PLSC 2399	Floral Design [3]	3
PLSC 3440	Soil Science	4
PLSC 4370	Forage Crops & Pasture Mgmt	3
or PLSC 3395	Plant Propagation Techniques	
Major: Prescribed Electives		
Select 3 hours from Animal Production Electives:		3
ANSC 3376	Meat Science	
ANSC 4376	Sheep & Goat Production & Mgt	
ANSC 4380	Beef Cattle Production & Mgmt	
EQSC 2364	Equine Science	
WMGT 3381	Game Animal Production	
Secondary Ed Courses - AGED		
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		**127**

[1] MATH 1314, MATH 1324, MATH 1332, of MATH 1342 satisfy Core Curriculum requirement for Component Area II (Mathematics).
[2] CHEM 1406 satisfies the Core Curriculum requirement for Component Area II (Life and Physical Sciencel and the Degree Specific Requirement.
[3] PLSC 2399 satisfies the Core Curriculum requirement for Component Area V (Creative Arts) and the major.
[4] ANSC 2360 is recommended.
[5] Satisfies 1 hour of 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 may be needed above the degree program's stated total semester credit hours
[7] All minors can be paired with this degree program.

Notes

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.

Students must maintain a 2.75 GPA or greater overall or in the last 60 semester hours. This includes transfer and SHSU courses.

Students must earn a "C" in or better in all Agricultural Sciences major coursework.

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

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

First Year

Fall	Hours	Spring	Hours
MATH 1314, 1324, 1332, or 1342[1]	3	Component Area VIII (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaviii)[5]	3
AGRI 1131	1	AGET 2303	3

Course	Hours	Course	Hours
ANSC 1319 & ANSC 1119	4	ENGL 1302[2]	3
ENGL 1301[2]	3	HIST 1302[3]	3
HIST 1301[3]	3	PLSC 1307 & PLSC 1107	4
KINE 2115, NGLI 1101, or ECON 1100[4]	1		
	15		**16**

Second Year

Fall	Hours	Spring	Hours
Component Area III (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiii)	4	Component Area IV (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaiv)	3
AGBU 2317	3	AGBU 2389	3
AGRI 1309 or CSTE 1330	3	CHEM 1406[8]	4
PLSC 2399[6]	3	CISE 3384	3
POLS 2305[7]	3	POLS 2306[7]	3
	16		**16**

Third Year

Fall	Hours	Spring	Hours	Summer	Hours
AGED 3320	3	Component Area IX (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix)	3	AGED 3310	3
AGET 4381	3	ANSC 4360	3	AGED 4388	3
ANSC 3373	3	READ 4378	3		
CISE 4380	3	SPED 3301	3		
PLSC 3440	4	Animal Production Elective[9]	3		
	16		**15**		**6**

Fourth Year

Fall	Hours	Spring	Hours
ACOM 3360	3	AGED 4364	3
CISE 4364	3	AGED 4365	3
CISE 4379	3	AGED 4366	3
PLSC 4370 or 3395	3	AGED 4394	3
TESL 4303	3		
	15		**12**

Total Hours: 127

[1]   MATH 1314, MATH 1324, MATH 1332, or MATH 1342 satisfy Core Curriculum requirement for Component Area II (Mathematics).

[2]   Satisfies the Core Curriculum requirement for Component Area I (Communication).

[3]   Satisfies the Core Curriculum requirement for Component Area VI (U.S. History).
[4]   Satisfies one hour of Core Curriculum requirement for Component Area IX (Component Area Option).
[5]   ANSC 2360 is recommended.
[6]   Satisfies Core Curriculum requirement for Component Area V (Creative Arts) and majors.
[7]   Satisfies the Core Curriculum requirement for Component Area VII (Political Science/Government).
[8]   Satisfies Core Curriculum requirement for Component Area III (Life and Physical Science).
[9]   Select one of the Animal Production Elective courses from the list below.

Code	Title	Hours
Animal Production Electives [6]		
ANSC 3376	Meat Science	3
ANSC 4376	Sheep & Goat Production & Mgt	3
ANSC 4380	Beef Cattle Production & Mgmt	3
EQSC 2364	Equine Science	3
WMGT 3381	Game Animal Production	3

Notes

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.

Students must maintain a 2.75 GPA or greater overall or in the last 60 semester hours. This includes transfer and SHSU courses.

Students must earn a "C" in or better in all Agricultural Sciences major coursework.

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

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

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 may be needed above the degree program's stated total semester credit hours.

All minors can be paired with this degree program.

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 with a Double Major in Education and Interdisciplinary Agriculture is designed to provide graduates with the following marketable skills:

- Demonstrate technical knowledge and skills necessary for entry level Agriculture, Food, and Natural Resources teachers in Agricultural Business, Agricultural Communication, Agricultural Engineering Technology, Animal Science, and Plant and Soil Science.

- Manage, organize, and conduct Supervised Agricultural Experience Programs, 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.