

BACHELOR OF SCIENCE, MAJOR IN ANIMAL SCIENCE, MINOR IN WILDLIFE MANAGEMENT

Code	Title	Hours
Bachelor of Science, Animal Science, Minor in Wildlife Management		
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) ¹		8
Component Area IV (Language, Philosophy, and Culture)		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)		3
Component Area IX (Component Area Option) ²		4
Degree Specific Requirements		
ACOM 3360 or ENGL 3330	Communication Skills for Agriculturists Intro to Technical Writing	3
AGRI 1309 or CSTE 1330	Computers in Agriculture (or approved substitute) Introduction to Computers	3
CHEM 1406 or CHEM 1411	Inorganic & Envir Chemistry ¹ General Chemistry I	4
CHEM 1407 or CHEM 1412	Intro Organic and Biochemistry ¹ General Chemistry II	4
COMS 1361 or COMS 2382	Public Speaking ² Comm. for Bus. & Professions	3
MATH 1342	Elementary Statistics	3
Major Core		
ANSC 1319 & ANSC 1119	Animal Science and Animal Science Laboratory	4
ANSC 2360	Animals and Society ³	3
ANSC 3363	Anatomy & Physiology of the Domestic Animal	3
ANSC 3373	Animal Nutrition	3
ANSC 3376	Meat Science	3
ANSC 4389	Animal Reproduction	3
ANSC 4394	Animal Feeds And Feeding	3
ANSC 4395	Animal Breeding & Genetics	3
PLSC 4383	Range Management	3
Major		
AGRI 4120	Professional Career Skills	1
PLSC 1307 & PLSC 1107	Plant Science and Plant Science Laboratory	4
Select one from the following:		3
AGBU 2317	Principles of Agri Economics	
AGBU 2389	Agribusiness Financl Analysis	
Animal Science Electives		
Select 18 hours from: ANSC or EQSC (9 hours must be advanced)		18
Minor (required)		
WMGT 2301	Principles of Wildlife Mgmt	3
WMGT 3301	Wildlife Ranch Management	3

Select 12 hours from the following (6 hours must be advanced):		12
WMGT 3381	Game Animal Production	
WMGT 3382	Habitat & Pond Management	
WMGT 4301	Cervid Breeding and Production	
WMGT 4302	Cervid Management	
WMGT 3350	Cervid Fawn Care	
WMGT 4340	Exotic Animal Production	
WMGT 4341	Upland Game Bird Management	
WMGT 4369	Special Topic	

Total Hours **120**

- ¹ CHEM 1406, CHEM 1407, CHEM 1411, and CHEM 1412 satisfy the Core Curriculum requirements for Component Area III (Life and Physical Science) and the Degree Specific Requirement.
- ² COMS 1361 or COMS 2382 satisfies three semester credit hours of the Core Curriculum requirement for Component Area IX (Component Area Option) and the Degree Specific Requirement.
- ³ ANSC 2360 satisfies the Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences) and the major.

Note: Students should use major elective hours to satisfy the 42 advanced hour requirement.

First Year

Fall	Hours	Spring	Hours
Component Area I (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareai)		3 Component Area I (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareai)	3
Component Area II (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaii)		3 Component Area IV (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaii)	3
Component Area IX (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaix)		1 AGRI 1309 or CSTE 1330	3
ANSC 1319 & ANSC 1119		4 ANSC 2360 ¹	3
WMGT 2301		3 CHEM 1406 or 1411 ²	4
	14		16

Second Year

Fall	Hours	Spring	Hours
Component Area V (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareav)		3 Component Area VI (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareavi)	3
Component Area VI (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareavi)		3 Component Area VII (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareavii)	3
ANSC 3363		3 ANSC 3373	3
CHEM 1407 or 1412 ²		4 ANSC Elective (ANSC or EQSC)	3
WMGT 3301		3 COMS 1361 or 2382 ³	3
	16		15

Third Year

Fall	Hours	Spring	Hours
Component Area VII (http://catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareavii)		3 ACOM 3360 or ENGL 3330	3

ANSC 3376	3	AGBU 2317 or 2389	3
ANSC 4395	3	ANSC 4389	3
ANSC Electives (ANSC or EQSC)	6	MATH 1342	3
		PLSC 1307 & PLSC 1107	4
		15	16
Fourth Year			
Fall	Hours	Spring	Hours
AGRI 4120		1 ANSC Electives (ANSC or EQSC)	6
ANSC Electives (ANSC or EQSC)		3 Minor Electives	9
ANSC 4394	3		
Minor Elective	3		
PLSC 4383	3		
		13	15

Total Hours: 120

- ¹ Satisfies Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).
- ² Satisfies Core Curriculum requirement for Component Area III (Life and Physical Science).
- ³ Satisfies three semester credit hours of the Core Curriculum requirement for Component Area IX (Component Area Option).

Note: Students should use major elective hours to satisfy the 42 advanced hour requirement.

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 Animal Science, Minor in Wildlife Management is designed to provide graduates with the following marketable skills:

- Make livestock management decisions based on scientific, economic, and other applicable information.
- Knowledgeable of each segment of the food animal and meat industry and make critical marketing decisions in each.
- Understand nutrition as it applies to animal performance and be able to develop balanced rations to meet physiological and production needs.
- Develop presentations and effectively communicate factual information, logically and concisely, both orally and in writing.
- Understand anatomy, physiology, and functions of the major organs and systems of livestock.