

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

**Additional information:** Reference the Program Landing Page (<https://www.shsu.edu/programs/bachelor-of-science-in-animal-science/>) for additional information, such as cost, delivery format, contact information, or to schedule a visit.

Code	Title	Hours
<b>Bachelor of Science, Animal Science, Minor in Wildlife Management</b>		
<b>Core Curriculum</b>		
Component Area I (Communication)		6
Component Area II (Mathematics)		3
Component Area III (Life and Physical Science) <sup>1</sup>		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) <sup>2</sup>		3
Component Area IX (Component Area Option) <sup>3</sup>		4
<b>Degree Specific Requirements</b>		
ACOM 3360 or ENGL 3330	Communication Skills for Agriculturists Introduction to Technical Writing	3
CHEM 1406 or CHEM 1411	Inorganic & Environmental Chemistry <sup>1</sup> General Chemistry I	4
CHEM 1407 or CHEM 1412 or BIOL 1407	Introduction to Organic and Biochemistry <sup>1</sup> General Chemistry II General Biology II	4
COMS 1361 or COMS 2382	Public Speaking <sup>3</sup> Communication for Business & the Professions	3
MATH 1342	Elementary Statistics	3
<b>Major: Foundation</b>		
ANSC 1319 & ANSC 1119	Animal Science and Animal Science Laboratory	4
ANSC 2360	Animals and Society <sup>2</sup>	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 or PLSC 4370	Range Management Forage Crops and Pasture Management	3
<b>Major</b>		
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 Agricultural Economics	
AGBU 2389	Agribusiness Financial Analysis	
<b>Major: Prescribed Electives</b>		
ANSC or EQSC Electives (9 hours must be advanced)		18
<b>Minor: Required</b>		
WMGT 2301	Principles of Wildlife Management	3

WMGT 3301	Wildlife Ranch Management	3
<b>Minor: Prescribed Electives</b>		
Select 15 hours from the following (6 hours must be advanced):		15
WMGT 3350	Cervid Fawn Care	
WMGT 3381	Game Animal Production	
WMGT 3382	Habitat & Pond Management	
WMGT 4096	Directed Study	
WMGT 4301	Cervid Breeding and Production	
WMGT 4302	Cervid Management	
WMGT 4340	Exotic Animal Production	
WMGT 4341	Upland Game Bird Management	
WMGT 4369	Special Topic	

**Total Hours** **120**

- <sup>1</sup> 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.
- <sup>2</sup> ANSC 2360 satisfies the Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences) and the major.
- <sup>3</sup> COMS 1361 and COMS 2382 satisfies three semester credit hours of the Core Curriculum requirement for Component Area IX (Component Area Option) and the Degree Specific Requirement.

### 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 should use major elective hours to satisfy the 42 advanced hour requirement.

### First Year

Fall	Hours	Spring	Hours
Component Area I		3 Component Area I	3
Component Area II		3 Component Area IV	3
Component Area IX		1 Component Area VI	3
ANSC 1319 & ANSC 1119		4 ANSC 2360 <sup>1</sup>	3
WMGT 2301		3 CHEM 1406 or 1411 <sup>2</sup>	4
		<b>14</b>	<b>16</b>

### Second Year

Fall	Hours	Spring	Hours
Component Area V		3 Component Area VII	3
Component Area VI		3 COMS 1361 or 2382 <sup>3</sup>	3
ANSC 3363		3 AGBU 2317	3
CHEM 1407 or 1412 <sup>1</sup>		4 ANSC 3373	3
WMGT 3301		3 ANSC or EQSC Elective <sup>4</sup>	3
		<b>16</b>	<b>15</b>

### Third Year

Fall	Hours	Spring	Hours
Component Area VII		3 ACOM 3360 or ENGL 3330	3
ANSC 3376		3 ANSC 4389	3
ANSC 4395		3 MATH 1342	3
ANSC or EQSC Electives <sup>4</sup>		6 PLSC 1307 & PLSC 1107	4

		Minor: Prescribed Electives <sup>5</sup>		3
		15	16	
<b>Fourth Year</b>				
<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>	
AGRI 4120		1 ANSC or EQSC Electives <sup>4</sup>	6	
ANSC 4394		3 Minor: Prescribed Electives <sup>5</sup>	9	
PLSC 4383		3		
ANSC or EQSC Electives <sup>4</sup>		3		
Minor: Prescribed Elective <sup>5</sup>		3		
		<b>13</b>	<b>15</b>	

**Total Hours: 120**

- <sup>1</sup> Satisfies Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences) and the major.
- <sup>2</sup> 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.
- <sup>3</sup> COMS 1361 and COMS 2382 satisfies three semester credit hours of the Core Curriculum requirement for Component Area IX (Component Area Option) and the Degree Specific Requirement.
- <sup>4</sup> 9 hours must be advanced.
- <sup>5</sup> Select five from the below Minor Elective course list with 6 hours advanced.

Code	Title	Hours
<b>Minor Elective<sup>5</sup></b>		
Select five of the following (6 hours must be advanced):		
WMGT 3350	Cervid Fawn Care	3
WMGT 3381	Game Animal Production	3
WMGT 3382	Habitat & Pond Management	3
WMGT 4096	Directed Study	1-6
WMGT 4301	Cervid Breeding and Production	3
WMGT 4302	Cervid Management	3
WMGT 4340	Exotic Animal Production	3
WMGT 4341	Upland Game Bird Management	3
WMGT 4369	Special Topic	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 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.

4 Bachelor of Science, Major in Animal Science, Minor in Wildlife Management

- Understand anatomy, physiology, and functions of the major organs and systems of livestock.