# BACHELOR OF SCIENCE, MAJOR IN ANIMAL SCIENCE WITH TEACHING CERTIFICATION

Bachelor of Science, Major in Animal Science with Teaching Certification           Core Curriculum (http://catalog.shau.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/)         6           Component Area II (Communication)         6           Component Area III (Malemanitics)         8           Component Area IV (Language, Philosophy, and Culture)         3           Component Area V (Clestive Atta)         3           Component Area V (I (Indical Science) (Covernment)         6           Component Area V (I (Political Science) (Covernment)         6           Component Area V (I (Colitical Science) (Covernment)         6           Component Area V (II (Science) (Covernment)         6           Component Area V (II (Colitical Science) (Covernment)         6           Component Area V (II (Covernment)         6           Covernment V (II (II (II (I	Code	Title	Hours
Core Curiculum (http://catalog shsu edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curiculum)         6           Component Area I (Communication)         6           Component Area II (Communication)         3           Component Area II (Life and Physical Science) <sup>2</sup> 8           Component Area IV (Language, Philosophy, and Culture)         3           Component Area VI (Creative Arts) <sup>3</sup> 3           Component Area VI (U.S. History)         6           Component Area VII (Excitation Science)         3           Component Area VII (Excitation Science)         4           Component Area VII (Excitation Science)         3           Component Area VII (Excitation Science)         4           Component Area VII (Excitation Science)         3           Component Area VII (E			110013
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Component Area III (Life and Physical Science) <sup>2</sup> 8           Component Area IV (Language, Philosophy, and Culture)         3           Component Area VI (U.S. History)         6           Component Area VI (I.S. History)         6           Component Area VI (I.S. History)         3           Component Area VII (Social and Behavioral Sciences) <sup>4</sup> 3           Component Area IX (Component Area Option)         4           Degree Specifie Requirements         3           ACOM 3360         Communication Skills for Agriculturists         3           CHEM 1406         Inorganic & Envir Chemistry 1         4           Or CHEM 1411         General Chemistry 1         4           CHEM 1407         Intro Organic and Biochemistry 2         4           of CHEM 1412         General Chemistry 1         3           ACHEM 1412         General Chemistry 1         3           MATH 1342         Pre Calculus Algebra 3         3           of MATH 1324         Mth for Ming Decision Making         3           MATH 1342         Elementary Statistics         3           AGBU 2317         Principles of Agri Economics         3           AGBU 2317         Principles of Agri Economics         3           AGED 3330         The Secondary Agr	·		6
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Or CHEM 1411         General Chemistry I           CHEM 1407         Intro Organic and Biochemistry 2         4           or CHEM 1412         General Chemistry II           MATH 1314         Pre Calculus Algebra 1         3           or MATH 1324         Otlege Mathematics         4           or MATH 1324         Mth for Mngll Decision Making         4           MATH 1342         Elementary Statistics         3           Major Foundation         3           AGBU 2317         Principles of Agri Economics         3           AGBU 2389         Agribusiness Financl Analysis         3           AGED 3310         Teaching Ag Technology         3           AGED 3310         Teaching Ag Technology         3           AGED 3320         The Secondary Agriculture Education Program         3           AGET 2303         Intro to Ag Engineering Tech         3           AGET 4381         Adv Agricultural Mechanics         3           AGET 1381         Antro to Pro Leadership Skills         1           ANSC 1319         Animal Science         4           ANSC 3363         Anatomy & Physiology of the Domestic Animal         3           ANSC 3373         Animal Nutrition         3           ANSC 4394	CHEM 1406	_	4
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or MATH 1324         Mth for Mngl Decision Making           MATH 1342         Elementary Statistics         3           Major. Foundation           AGBU 2317         Principles of Agri Economics         3           AGBU 2319         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 381         Adv Agricultural Mechanics         3           AGRI 1131         Intro to Pro Leadership Skills         1           ANSC 1319         Animal Science         4           & ANSC 1119         and Animal Science Laboratory         4           ANSC 3363         Anatomy & Physiology of the Domestic Animal         3           ANSC 3376         Meat Science         3           ANSC 4394         Animal Feeds And Feeding         3           ANSC 4394         Animal Reproduction         3           PLSC 1307         Plant Science         4           & PLSC 1107         and Plant Science Laboratory         4	or MATH 1332	· · · · · · · · · · · · · · · · · · ·	
MATH 1342         Elementary Statistics         3           Major Foundation         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 3388         Secondary Agriculture Education Program Management         3           AGET 2303         Intro to Ag Engineering Tech         3           AGET 3481         Adv Agricultural Mechanics         3           AGET 1381         Alv Agricultural Mechanics         3           AGET 1381         Animal Science         4           ANSC 1319         Animal Science         4           ANSC 1319         Animal Science         4           ANSC 3363         Anatomy & Physiology of the Domestic Animal         3           ANSC 3373         Animal Nutrition         3           ANSC 4394         Animal Feeds And Feeding         3           ANSC 4380         Livestock Mgt Techniques         3           ANSC 4307         Plant Sc	or MATH 1324		
Major. Foundation           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           AGET 4381         Adv Agricultural Mechanics         3           AGEI 131         Intro to Pro Leadership Skills         1           ANSC 1319         Animal Science         4           ANSC 1119         and Animal Science         4           ANSC 3363         Anatomy & Physiology of the Domestic Animal         3           ANSC 3373         Animal Nutrition         3           ANSC 4394         Animal Feeds And Feeding         3           ANSC 4396         Livestock Mgt Techniques         3           ANSC 4389         Animal Reproduction         3           PLSC 1307         Plant Science         4           & PLSC 1497         Forage Crops & Pasture Mgmt         3	MATH 1342		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 2381       Adv Agricultural Mechanics       3         AGRI 1131       Intro to Pro Leadership Skills       1         ANSC 1319       Animal Science       4         & ANSC 1119       and Animal Science Laboratory       4         ANSC 3363       Anatomy & Physiology of the Domestic Animal       3         ANSC 3373       Animal Nutrition       3         ANSC 3374       Meat Science       3         ANSC 4394       Animal Feeds And Feeding       3         ANSC 4389       Animal Reproduction       3         ANSC 4389       Animal Reproduction       3         PLSC 1307       Plant Science       4         & PLSC 1107       and Plant Science       4         & PLSC 4370       Forage Crops & Pasture Mgmt       3         or PLSC 4383       Range Management       <	Major: Foundation	•	
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       Animal Science       4         & ANSC 1119       and Animal Science Laboratory         ANSC 3363       Anatomy & Physiology of the Domestic Animal       3         ANSC 3373       Animal Nutrition       3         ANSC 3376       Meat Science       3         ANSC 4394       Animal Feeds And Feeding       3         ANSC 4360       Livestock Mgt Techniques       3         ANSC 4389       Animal Reproduction       3         PLSC 1307       Plant Science       4         & PLSC 1107       and Plant Science Laboratory       4         PLSC 4370       Forage Crops & Pasture Mgmt       3         or PLSC 4383       Range Management       5         Major: Prescribed Electives       3	•	Principles of Agri Economics	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       Animal Science       4         ANSC 1119       and Animal Science Laboratory         ANSC 3363       Anatomy & Physiology of the Domestic Animal       3         ANSC 3373       Animal Nutrition       3         ANSC 3376       Meat Science       3         ANSC 4394       Animal Feeds And Feeding       3         ANSC 4394       Animal Feeds And Feeding       3         ANSC 4389       Animal Reproduction       3         PLSC 1307       Plant Science       4         PLSC 1107       and Plant Science Laboratory       4         PLSC 3440       Soil Science       4         PLSC 4370       Forage Crops & Pasture Mgmt       3         or PLSC 4383       Range Management       3         Major: Prescribed Electives       3         Select one	AGBU 2389		
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       Animal Science       4         ANSC 1119       and Animal Science Laboratory         ANSC 3363       Anatomy & Physiology of the Domestic Animal       3         ANSC 3373       Animal Nutrition       3         ANSC 4394       Animal Feeds And Feeding       3         ANSC 4394       Animal Feeds And Feeding       3         ANSC 4389       Animal Reproduction       3         PLSC 1307       Plant Science       4         PLSC 1107       and Plant Science Laboratory       4         PLSC 3440       Soil Science       4         PLSC 4370       Forage Crops & Pasture Mgmt       3         or PLSC 4383       Range Management         Major. Prescribed Electives         Select one from the following:       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       Animal Science       4         & ANSC 1119       and Animal Science Laboratory         ANSC 3363       Anatomy & Physiology of the Domestic Animal       3         ANSC 3373       Animal Nutrition       3         ANSC 3376       Meat Science       3         ANSC 4394       Animal Feeds And Feeding       3         ANSC 4390       Livestock Mgt Techniques       3         ANSC 4389       Animal Reproduction       3         PLSC 1307       Plant Science       4         & PLSC 1107       and Plant Science Laboratory       4         PLSC 3440       Soil Science       4         PLSC 4370       Forage Crops & Pasture Mgmt       3         or PLSC 4383       Range Management       3         Major. Prescribed Electives         Select one from the following:       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       Animal Science       4         & ANSC 1119       and Animal Science Laboratory         ANSC 3363       Anatomy & Physiology of the Domestic Animal       3         ANSC 3373       Animal Nutrition       3         ANSC 3376       Meat Science       3         ANSC 4394       Animal Feeds And Feeding       3         ANSC 4380       Livestock Mgt Techniques       3         ANSC 4389       Animal Reproduction       3         ANSC 4389       Animal Reproduction       3         PLSC 1307       Plant Science       4         & PLSC 1107       and Plant Science Laboratory       4         PLSC 3440       Soil Science       4         PLSC 4370       Forage Crops & Pasture Mgmt       3         or PLSC 4383       Range Management         Major. Prescribed Electives         Select one from the following:       3	AGED 4388		
AGET 4381       Adv Agricultural Mechanics       3         AGRI 1131       Intro to Pro Leadership Skills       1         ANSC 1319       Animal Science       4         & ANSC 1119       and Animal Science Laboratory         ANSC 3363       Anatomy & Physiology of the Domestic Animal       3         ANSC 3373       Animal Nutrition       3         ANSC 3376       Meat Science       3         ANSC 4394       Animal Feeds And Feeding       3         ANSC 4360       Livestock Mgt Techniques       3         ANSC 4389       Animal Reproduction       3         PLSC 1307       Plant Science       4         & PLSC 1107       and Plant Science Laboratory       4         PLSC 3440       Soil Science       4         PLSC 4370       Forage Crops & Pasture Mgmt       3         or PLSC 4383       Range Management         Major: Prescribed Electives         Select one from the following:       3	AGET 2303		
AGRI 1131       Intro to Pro Leadership Skills       1         ANSC 1319       Animal Science       4         & ANSC 1119       and Animal Science Laboratory         ANSC 3363       Anatomy & Physiology of the Domestic Animal       3         ANSC 3373       Animal Nutrition       3         ANSC 3376       Meat Science       3         ANSC 4394       Animal Feeds And Feeding       3         ANSC 4360       Livestock Mgt Techniques       3         ANSC 4389       Animal Reproduction       3         PLSC 1307       Plant Science       4         & PLSC 1107       and Plant Science Laboratory       4         PLSC 3440       Soil Science       4         PLSC 4370       Forage Crops & Pasture Mgmt       3         or PLSC 4383       Range Management         Major: Prescribed Electives         Select one from the following:       3	AGET 4381		
ANSC 1319       Animal Science       4         & ANSC 1119       and Animal Science Laboratory         ANSC 3363       Anatomy & Physiology of the Domestic Animal       3         ANSC 3373       Animal Nutrition       3         ANSC 3376       Meat Science       3         ANSC 4394       Animal Feeds And Feeding       3         ANSC 4360       Livestock Mgt Techniques       3         ANSC 4389       Animal Reproduction       3         PLSC 1307       Plant Science       4         & PLSC 1107       and Plant Science Laboratory         PLSC 3440       Soil Science       4         PLSC 4370       Forage Crops & Pasture Mgmt       3         or PLSC 4383       Range Management         Major: Prescribed Electives       Select one from the following:       3	AGRI 1131	·	
& ANSC 1119       and Animal Science Laboratory         ANSC 3363       Anatomy & Physiology of the Domestic Animal       3         ANSC 3373       Animal Nutrition       3         ANSC 3376       Meat Science       3         ANSC 4394       Animal Feeds And Feeding       3         ANSC 4360       Livestock Mgt Techniques       3         ANSC 4389       Animal Reproduction       3         PLSC 1307       Plant Science       4         PLSC 1107       and Plant Science Laboratory       4         PLSC 3440       Soil Science       4         PLSC 4370       Forage Crops & Pasture Mgmt       3         or PLSC 4383       Range Management         Major: Prescribed Electives         Select one from the following:       3		·	
ANSC 3373       Animal Nutrition       3         ANSC 3376       Meat Science       3         ANSC 4394       Animal Feeds And Feeding       3         ANSC 4360       Livestock Mgt Techniques       3         ANSC 4389       Animal Reproduction       3         PLSC 1307       Plant Science       4         & PLSC 1107       and Plant Science Laboratory       4         PLSC 3440       Soil Science       4         PLSC 4370       Forage Crops & Pasture Mgmt       3         or PLSC 4383       Range Management         Major: Prescribed Electives         Select one from the following:       3		and Animal Science Laboratory	
ANSC 3373       Animal Nutrition       3         ANSC 3376       Meat Science       3         ANSC 4394       Animal Feeds And Feeding       3         ANSC 4360       Livestock Mgt Techniques       3         ANSC 4389       Animal Reproduction       3         PLSC 1307       Plant Science       4         & PLSC 1107       and Plant Science Laboratory       4         PLSC 3440       Soil Science       4         PLSC 4370       Forage Crops & Pasture Mgmt       3         or PLSC 4383       Range Management         Major: Prescribed Electives         Select one from the following:       3	ANSC 3363	Anatomy & Physiology of the Domestic Animal	3
ANSC 4394 Animal Feeds And Feeding 3 ANSC 4360 Livestock Mgt Techniques 3 ANSC 4389 Animal Reproduction 3 PLSC 1307 Plant Science 4 & PLSC 1107 and Plant Science Laboratory PLSC 3440 Soil Science 4 PLSC 4370 Forage Crops & Pasture Mgmt 3 or PLSC 4383 Range Management  Major: Prescribed Electives Select one from the following: 3	ANSC 3373	Animal Nutrition	
ANSC 4360 Livestock Mgt Techniques 3  ANSC 4389 Animal Reproduction 3  PLSC 1307 Plant Science 4  & PLSC 1107 and Plant Science Laboratory  PLSC 3440 Soil Science 4  PLSC 4370 Forage Crops & Pasture Mgmt 3  or PLSC 4383 Range Management  Major: Prescribed Electives  Select one from the following: 3	ANSC 3376	Meat Science	3
ANSC 4389 Animal Reproduction 3 PLSC 1307 Plant Science 4 & PLSC 1107 and Plant Science Laboratory PLSC 3440 Soil Science PLSC 4370 Forage Crops & Pasture Mgmt 3 or PLSC 4383 Range Management  Major: Prescribed Electives Select one from the following: 3	ANSC 4394	Animal Feeds And Feeding	3
PLSC 1307 Plant Science 4 & PLSC 1107 and Plant Science Laboratory  PLSC 3440 Soil Science 4  PLSC 4370 Forage Crops & Pasture Mgmt 3 or PLSC 4383 Range Management  Major: Prescribed Electives  Select one from the following: 3	ANSC 4360	Livestock Mgt Techniques	3
& PLSC 1107 and Plant Science Laboratory  PLSC 3440 Soil Science 4  PLSC 4370 Forage Crops & Pasture Mgmt 3 or PLSC 4383 Range Management  Major: Prescribed Electives  Select one from the following: 3	ANSC 4389	Animal Reproduction	3
PLSC 3440 Soil Science 4 PLSC 4370 Forage Crops & Pasture Mgmt 3 or PLSC 4383 Range Management  Major: Prescribed Electives Select one from the following: 3	PLSC 1307	Plant Science	4
PLSC 4370 Forage Crops & Pasture Mgmt 3 or PLSC 4383 Range Management  Major: Prescribed Electives Select one from the following: 3	& PLSC 1107	and Plant Science Laboratory	
or PLSC 4383 Range Management  Major. Prescribed Electives  Select one from the following: 3	PLSC 3440	Soil Science	4
Major: Prescribed Electives Select one from the following: 3	PLSC 4370	Forage Crops & Pasture Mgmt	3
Select one from the following: 3	or PLSC 4383	Range Management	
	Major: Prescribed Electives		
AGRI 4350 Agricultural Biosecurity	Select one from the following:		3
	AGRI 4350	Agricultural Biosecurity	

Total Hours		136
Minor: Not Required <sup>5,6</sup>		
AGED 4394	Agriculture Education Learning Environments	3
AGED 4366	Student Teaching in Agriculture Education	3
AGED 4365	Student Teaching in Agriculture Education	3
AGED 4364	Methods of Teaching Agriculture Education	3
Secondary Ed Courses - AGED		
READ 4378	Multiple Literacies in Secondary Education	3
CISE 4380	Respon Of Pro Educator	3
CISE 4379	Differentiated Pedagogy	3
CISE 4364	Mth Tch Secondary Schools	3
CISE 3384	The Teaching Profession	3
<b>Teaching Certification</b>		
WMGT 3381	Game Animal Production	
EQSC 2364	Equine Science	
ANSC 4380	Beef Cattle Production & Mgmt	
ANSC 4376	Sheep & Goat Production & Mgt	
Select one from the following:		
<b>Animal Production Electives</b>		3
ANSC 4398	Animal Diseases & Public Hlth	
ANSC 4397	Disaster/Emergency Mgmt in Ag	
ANSC 4393	Animal Legal Issues	

Satisfies requirement for Core Curriculum Component Area II (Mathematics).

- <sup>2</sup> CHEM 1406 and CHEM 1407 (and CHEM 1411 and CHEM 1412) satisfy the Core Curriculum requirement for Component Area III (Life and Physical Science) and the Degree Specific Requirement.
- PLSC 2399 is recommended and satisfies Core Curriculum requirement for Component Area V (Creative Arts).
- <sup>4</sup> ANSC 2360 is recommended and satisfies Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).
- 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.
- The following minor cannot be paired with this degree program: Minor in Early Childhood Education.

### **Notes**

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

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

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

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

Students must earn a "C" or better in all agricultural sciences major 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

First Year				
Fall	Hours	Spring	Hours	
Component		1 CHEM 1406 or 1	411 <sup>3</sup>	4
Area IX (http://				
catalog.shsu.edu	/			
undergraduate/				
academic-policie	S-			
procedures/degre	ee-			
requirements-				
academic-guideli	nes/			
core-curriculum/				
#componentarea	ix)			

		1			
AGET 2303		3 ENGL 1302 <sup>1</sup>		3	
AGRI 1131		1 HIST 1301 <sup>4</sup>		3	
ANSC 1319 & ANSC 1119		4 MATH 1342		3	
ENGL 1301 <sup>1</sup>		3 PLSC 1307 & PLSC 1107		4	
MATH 1314, 1332, or 1324 <sup>2</sup>		3			
-		15		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) <sup>5</sup>		3 Component Area IV (http:// catalog.shsu.edu/ undergraduate/ academic-policies- procedures/degree- requirements- academic-guidelines/ core-curriculum/ #componentareaiv)		3	
AGBU 2317		3 Component Area VIII (http:// catalog.shsu.edu/ undergraduate/ academic-policies- procedures/degree- requirements- academic-guidelines/ core-curriculum/ #componentareaviii) <sup>6</sup>		3	
ANSC 3363		3 ANSC 3373		3	
CHEM 1407 or 1412 <sup>3</sup>		4 ANSC 4393, 4397, 4398, or AGRI 4350		3	
HIST 1302 <sup>4</sup>		3 POLS 2305 <sup>7</sup>		3	
		16		15	
Third Year					
Fall	Hours	Spring	Hours	Summer	
AGBU 2389					Hours
		3 ACOM 3360		3 Component Area IX (http:// catalog.shsu.edu/ undergraduate/ academic-policies- procedures/degree- requirements- academic-guidelines/ core-curriculum/ #componentareaix)	Hours 3
AGED 3320		3 ACOM 3360 3 ANSC 4360		3 Component Area IX (http:// catalog.shsu.edu/ undergraduate/ academic-policies- procedures/degree- requirements- academic-guidelines/ core-curriculum/	
AGED 3320 ANSC 3376				3 Component Area IX (http:// catalog.shsu.edu/ undergraduate/ academic-policies- procedures/degree- requirements- academic-guidelines/ core-curriculum/ #componentareaix)	3 3
		3 ANSC 4360		3 Component Area IX (http:// catalog.shsu.edu/ undergraduate/ academic-policies- procedures/degree- requirements- academic-guidelines/ core-curriculum/ #componentareaix) 3 AGED 3310	3
ANSC 3376		3 ANSC 4360 3 ANSC 4389 3 CISE 4380 3 PLSC 4370 or 4383		3 Component Area IX (http:// catalog.shsu.edu/ undergraduate/ academic-policies- procedures/degree- requirements- academic-guidelines/ core-curriculum/ #componentareaix)  3 AGED 3310  3 AGED 4388  3 PLSC 3440  3	3 3
ANSC 3376 CISE 3384		3 ANSC 4360 3 ANSC 4389 3 CISE 4380 3 PLSC 4370 or 4383 READ 4378		3 Component Area IX (http:// catalog.shsu.edu/ undergraduate/ academic-policies- procedures/degree- requirements- academic-guidelines/ core-curriculum/ #componentareaix)  3 AGED 3310 3 AGED 4388 3 PLSC 3440 3	3 3 4
ANSC 3376 CISE 3384 POLS 2306 <sup>7</sup>		3 ANSC 4360 3 ANSC 4389 3 CISE 4380 3 PLSC 4370 or 4383		3 Component Area IX (http:// catalog.shsu.edu/ undergraduate/ academic-policies- procedures/degree- requirements- academic-guidelines/ core-curriculum/ #componentareaix)  3 AGED 3310  3 AGED 4388  3 PLSC 3440  3	3 3
ANSC 3376 CISE 3384 POLS 2306 <sup>7</sup> Fourth Year	Hause	3 ANSC 4360 3 ANSC 4389 3 CISE 4380 3 PLSC 4370 or 4383 READ 4378		3 Component Area IX (http:// catalog.shsu.edu/ undergraduate/ academic-policies- procedures/degree- requirements- academic-guidelines/ core-curriculum/ #componentareaix)  3 AGED 3310 3 AGED 4388 3 PLSC 3440 3	3 3 4
ANSC 3376 CISE 3384 POLS 2306 <sup>7</sup>	Hours	3 ANSC 4360 3 ANSC 4389 3 CISE 4380 3 PLSC 4370 or 4383 READ 4378	Hours	3 Component Area IX (http:// catalog.shsu.edu/ undergraduate/ academic-policies- procedures/degree- requirements- academic-guidelines/ core-curriculum/ #componentareaix)  3 AGED 3310 3 AGED 4388 3 PLSC 3440 3	3 3 4

#### 4 Bachelor of Science, Major in Animal Science with Teaching Certification

	15	12	
Animal Production Electives <sup>8</sup>	3		
CISE 4379	3 AGED 4394	3	
CISE 4364	3 AGED 4366	3	
ANSC 4394	3 AGED 4365	3	

#### Total Hours: 136

- Satisfies Core Curriculum requirement for Component Area I (Communications).
- Satisfies requirement for Core Curriculum Component Area II (Mathematics).
- 3 CHEM 1406 and CHEM 1407 (and CHEM 1411 and CHEM 1412) satisfy the Core Curriculum requirement for Component Area III (Life and Physical Science) and the Degree Specific Requirement.
- <sup>4</sup> Satisfies Core Curriculum requirement for Component Area VI (U.S. History).
- PLSC 2399 is recommended and satisfies Core Curriculum requirement for Component Area V (Creative Arts).
- ANSC 2360 is recommended and satisfies Core Curriculum requirement for Component Area VIII (Social and Behavioral Sciences).
- <sup>7</sup> Satisfies Core Curriculum requirement for Component Area VII (Political Science/Government).
- 8 Select three hours from the Animal Production Electives list below.

Code	Title	Hours
Animal Production Electives <sup>8</sup>		3
Select one from the following:		
ANSC 4376	Sheep & Goat Production & Mgt	
ANSC 4380	Beef Cattle Production & Mgmt	
EQSC 2364	Equine Science	
WMGT 3381	Game Animal Production	

#### Notes

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

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

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

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

Students must earn a "C" or better in all agricultural sciences major coursework.

Students must earn an overall GPA of 2.75 (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.

The following minor cannot be paired with this degree program: Minor in Early Childhood Education.

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 with Teaching Certification is designed to provide graduates with the following marketable skills:

- · Ability to 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.
- · 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.)
- Utilize 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.