## BACHELOR OF SCIENCE, ANIMAL SCIENCE, MINOR IN CONSERVATION BIOLOGY

The animal science major with conservation biology option is an excellent choice for those students wanting to enter agricultural and wildlife resource management careers or for those interested in graduate school in wildlife sciences. Students selecting this degree should indicate Animal Science as their major and WECO as their minor.

## Bachelor of Science, Animal Science, Minor in Conservation Biology

Component Area II (Mathematics)         6           Component Area III (Ital earl Physical Science)         3           Component Area III (Life and Physical Science)         3           Component Area III (Life and Physical Science)         3           Component Area IV (Leaguage, Philosophy, and Culture)         3           Component Area VI (U.S. History)         6           Component Area VI (Ill Science)         6           Component Area VII (Rocial and Behavioral Sciences)         3           Component Area IV (Component Area VIII (Bocial and Behavioral Sciences)         3           Component Area IV (Roponent Area VIII (Bocial and Behavioral Sciences)         3           Component Area IV (Component Area	Core Curriculum (catalog.shsu.edu/	/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum)	
Component Area III (Life and Physical Science)         8           Component Area V (Creative Arts)         3           Component Area V (Creative Arts)         6           Component Area VI (LS. History)         6           Component Area VI (LS. History)         6           Component Area VI (I (Social and Behavioral Sciences)         3           Component Area VII (Social and Behavioral Sciences)         3           Area Vii (Social and Behavioral Science Vii (Social and Scie	Component Area I (Communication		6
Component Area W (Language, Philosophy, and Culture)         3           Component Area W (Castive Arts)         6           Component Area W (ILS, History)         6           Component Area W (ILS, History)         6           Component Area W (ILS, History)         4           Component Area W (ILS, Colar) and Behavioral Sciences)         4           Component Area W (Component Area Option)         4           Degree Specific Requirements         3           ACOM 3350         Intro To Technical Writing           COMS 1361         Public Speaking         3           or CMS 2382         Comm. Inc Plaus, & Professions           AGRI 1309         Computers in Agriculture (or approved substitute)         3           or CSTE 1330         Introduction To Computers           MATT 1369         Elementary Statistics         3           Mary Tart 1369         Elementary Statistics         3           May Tart 1369         Elementary Statistics         3           May Tart 1369         Elementary Statistics         4           May Statistics         4         ANSC 1319         Animal Science         4           ANSC 1319         Animal Science Laboratory         3           ANSC 3383         Animal Feed Statistics         3         <	Component Area II (Mathematics)		3
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Component Area IX (Component Area Option)         4           Degree Specific Requirements           ACOM 3360         Communication Skills for Agriculturists         3           or ENGL 3330         Intro To Technical Writing         3           COMS 1361         Public Speaking         3           or COMS 2382         Comm. for Bus. & Professions         4           AGRI 1309         Computers in Agriculture (or approved substitute)         3           or STET 1330         Introduction To Computers           MATH 1369         Elementary Statistics         3           or STAT 1369         Elementary Statistics         3           Major Core         4         Ansial Science           ANSC 1319         And mall Science Laboratory         3           ANSC 3373         Animal Science Laboratory         3           ANSC 3363         Anatomy & Physiology of the Domestic Animal         3           ANSC 4389         Animal Reproduction         3           ANSC 4394         Animal Feeds And Feeding         3           ANSC 4395         Animal Breeding & Genetics         3           PLSC 4370         Forage Crops & Pasture Mgmt         3           AGRI 131         Into To Pro Leadership Skills			6
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or STAT 1369         Elementary Statistics           Major Core           ANSC 1319         Animal Science Laboratory           ANSC 3373         Animal Nutrition         3           ANSC 3366         Anatomy & Physiology of the Domestic Animal         3           ANSC 3376         Meat Science         3           ANSC 4389         Animal Reproduction         3           ANSC 4394         Animal Repeding & Genetics         3           ANSC 4395         Animal Breeding & Genetics         3           PLSC 4370         Forage Crops & Pasture Mgmt         3           PLSC 4383         Range Management         3           Major         4           AGRI 1131         Intro To Pro Leadership Skills         1           Select one from the following:         3           AGBU 2317         Principles Of Agri Economics         3           AGBU 2389         Agribusiness Financl Analysis         3           WMGT 3381         Game Animal Production         3           AGRI 4120         Professional Career Skills         1           Animal Science Electives <sup>1</sup> 1           Select 11 hours from: ANSC, EQSC or WMGT         11           Minor         General Botany <sup>2</sup> 4 </td <td>or CSTE 1330</td> <td>Introduction To Computers</td> <td></td>	or CSTE 1330	Introduction To Computers	
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ANSC 1319         Animal Science         4           & ANSC 1119         and Animal Science Laboratory           ANSC 3373         Animal Nutrition         3           ANSC 3363         Anatomy & Physiology of the Domestic Animal         3           ANSC 3376         Meat Science         3           ANSC 4389         Animal Reproduction         3           ANSC 4394         Animal Feeding & Genetics         3           ANSC 4395         Animal Breeding & Genetics         3           PLSC 4370         Forage Crops & Pasture Mgmt         3           AGRI 131         Intro To Pro Leadership Skills         1           Select one from the following:         3           AGRI 131         Intro To Pro Leadership Skills         1           Select one from the following:         3           AGBU 2317         Principles Of Agri Economics         3           AGBU 2389         Agribusiness Financl Analysis         3           WMGT 3381         Game Animal Production         3           AGRI 1120         Professional Career Skills         1           Animal Science Electives¹         1           Select 11 hours from: ANSC, EQSC or WMGT         1           Minor         5           BIOL 1411 </td <td>or STAT 1369</td> <td>Elementary Statistics</td> <td></td>	or STAT 1369	Elementary Statistics	
& ANSC 1119         and Animal Science Laboratory           ANSC 3373         Animal Nutrition         3           ANSC 3363         Anatomy & Physiology of the Domestic Animal         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 4370         Forage Crops & Pasture Mgmt         3           PLSC 4383         Range Management         3           Major         1           AGRI 1131         Intro To Pro Leadership Skills         1           Select one from the following:         3           AGBU 2317         Principles Of Agri Economics           AGBU 2389         Agribusiness Financl Analysis           WMGT 3381         Game Animal Production         3           AGRI 4120         Professional Career Skills         1           Animal Science Electives <sup>1</sup> 1           Select 11 hours from: ANSC, EQSC or WMGT         1           Minor         2           BIOL 1411         General Botany <sup>2</sup> 4           BIOL 1413         General Zoology <sup>2</sup> 4	Major Core		
ANSC 3373         Animal Nutrition         3           ANSC 3363         Anatomy & Physiology of the Domestic Animal         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 4370         Forage Crops & Pasture Mgmt         3           PLSC 4383         Range Management         3           Major         4           AGRI 1131         Intro To Pro Leadership Skills         1           Select one from the following:         3           AGBU 2317         Principles Of Agri Economics         3           AGBU 2339         Agribusiness Financl Analysis         3           WMGT 3381         Game Animal Production         3           AGRI 4120         Professional Career Skills         1           Animal Science Electives <sup>1</sup> Select 11 hours from: ANSC, EQSC or WMGT         11           Minor         BIOL 1411         General Botany <sup>2</sup> 4           BIOL 1413         General Chemistry I <sup>2</sup> 4           CHEM 1411         General Chemistry I <sup>2</sup> 4	ANSC 1319	Animal Science	4
ANSC 3363       Anatomy & Physiology of the Domestic Animal       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 4370       Forage Crops & Pasture Mgmt       3         PLSC 4383       Range Management       3         Major       T         AGRI 1131       Intro To Pro Leadership Skills       1         Select one from the following:       3         AGBU 2317       Principles Of Agri Economics       3         AGBU 2389       Agribusiness Financl Analysis       3         WMGT 3381       Game Animal Production       3         AGRI 4120       Professional Career Skills       1         Animal Science Electives <sup>1</sup> 1         Amimal Science Electives <sup>1</sup> 1         BIOL 1411       General Botany <sup>2</sup> 4         BIOL 1413       General Zoology <sup>2</sup> 4         CHEM 1411       General Chemistry I <sup>2</sup> 4	& ANSC 1119		
ANSC 3376       Meat Science       3         ANSC 4389       Animal Reproduction       3         ANSC 4394       Animal Feeds And Feeding       3         ANSC 4395       Animal Breeding & Genetics       3         PLSC 4370       Forage Crops & Pasture Mgmt       3         PLSC 4383       Range Management       3         Major         AGRI 1131       Intro To Pro Leadership Skills       1         Select one from the following:       3         AGBU 2317       Principles Of Agri Economics         AGBU 2389       Agribusiness Financl Analysis         WMGT 3381       Game Animal Production       3         AGRI 4120       Professional Career Skills       1         Animal Science Electives 1         Select 11 hours from: ANSC, EQSC or WMGT       1         Minor         BIOL 1411       General Botany 2       4         BIOL 1413       General Zoology 2       4         CHEM 1411       General Chemistry I 2       4	ANSC 3373	Animal Nutrition	
ANSC 4389       Animal Reproduction       3         ANSC 4394       Animal Feeds And Feeding       3         ANSC 4395       Animal Breeding & Genetics       3         PLSC 4370       Forage Crops & Pasture Mgmt       3         PLSC 4383       Range Management       3         Major         AGRI 1131       Intro To Pro Leadership Skills       1         Select one from the following:       3         AGBU 2317       Principles Of Agri Economics         AGBU 2389       Agribusiness Financl Analysis         WMGT 3381       Game Animal Production       3         AGRI 4120       Professional Career Skills       1         Animal Science Electives <sup>1</sup> Select 11 hours from: ANSC, EQSC or WMGT       11         Minor       11         BIOL 1411       General Botany <sup>2</sup> 4         BIOL 1413       General Zoology <sup>2</sup> 4         CHEM 1411       General Chemistry I <sup>2</sup> 4	ANSC 3363		3
ANSC 4394       Animal Feeds And Feeding       3         ANSC 4395       Animal Breeding & Genetics       3         PLSC 4370       Forage Crops & Pasture Mgmt       3         PLSC 4383       Range Management       3         Major         AGRI 1131       Intro To Pro Leadership Skills       1         Select one from the following:       3         AGBU 2317       Principles Of Agri Economics         AGBU 2389       Agribusiness Financl Analysis         WMGT 3381       Game Animal Production       3         AGRI 4120       Professional Career Skills       1         Animal Science Electives <sup>1</sup> Select 11 hours from: ANSC, EQSC or WMGT       11         Minor       11         BIOL 1411       General Botany <sup>2</sup> 4         BIOL 1413       General Zoology <sup>2</sup> 4         CHEM 1411       General Chemistry I <sup>2</sup> 4	ANSC 3376	Meat Science	
ANSC 4395       Animal Breeding & Genetics       3         PLSC 4370       Forage Crops & Pasture Mgmt       3         PLSC 4383       Range Management       3         Major         AGRI 1131       Intro To Pro Leadership Skills       1         Select one from the following:       3         AGBU 2317       Principles Of Agri Economics       3         AGBU 2389       Agribusiness Financl Analysis         WMGT 3381       Game Animal Production       3         AGRI 4120       Professional Career Skills       1         Animal Science Electives <sup>1</sup> Select 11 hours from: ANSC, EQSC or WMGT       11         Minor         BIOL 1411       General Botany <sup>2</sup> 4         BIOL 1413       General Zoology <sup>2</sup> 4         CHEM 1411       General Chemistry I <sup>2</sup> 4	ANSC 4389	Animal Reproduction	3
PLSC 4370 Forage Crops & Pasture Mgmt  PLSC 4383 Range Management  AGRI 1131 Intro To Pro Leadership Skills  Select one from the following:  AGBU 2317 Principles Of Agri Economics  AGBU 2389 Agribusiness Financl Analysis  WMGT 3381 Game Animal Production  AGRI 4120 Professional Career Skills  1 Animal Science Electives  Select 11 hours from: ANSC, EQSC or WMGT  BIOL 1411 General Botany  BIOL 1413 General Zoology  CHEM 1411 General Chemistry I  Animal Science States  General Chemistry I  General Chemistry I  General Chemistry I  General Chemistry I  Animal Science States  General Chemistry I  General Chemistry I	ANSC 4394	Animal Feeds And Feeding	
PLSC 4383 Range Management 3  Major  AGRI 1131 Intro To Pro Leadership Skills 1  Select one from the following: 3  AGBU 2317 Principles Of Agri Economics  AGBU 2389 Agribusiness Financl Analysis  WMGT 3381 Game Animal Production 3  AGRI 4120 Professional Career Skills 11  Animal Science Electives 1  Select 11 hours from: ANSC, EQSC or WMGT 11  Minor  BIOL 1411 General Botany 2  BIOL 1413 General Zoology 2  CHEM 1411 General Chemistry I 2	ANSC 4395	Animal Breeding & Genetics	3
Major  AGRI 1131 Intro To Pro Leadership Skills 1 Select one from the following: 3  AGBU 2317 Principles Of Agri Economics AGBU 2389 Agribusiness Financl Analysis  WMGT 3381 Game Animal Production 3  AGRI 4120 Professional Career Skills 1  Animal Science Electives 1  Select 11 hours from: ANSC, EQSC or WMGT 11  Minor  BIOL 1411 General Botany 2 BIOL 1413 General Zoology 2 CHEM 1411 General Chemistry I 2	PLSC 4370	Forage Crops & Pasture Mgmt	3
AGRI 1131 Intro To Pro Leadership Skills 1 Select one from the following: 3 AGBU 2317 Principles Of Agri Economics AGBU 2389 Agribusiness Financl Analysis WMGT 3381 Game Animal Production 3 AGRI 4120 Professional Career Skills 1 Animal Science Electives 1 Select 11 hours from: ANSC, EQSC or WMGT 11  Minor BIOL 1411 General Botany 2 BIOL 1413 General Zoology 2 CHEM 1411 General Chemistry 1 2 CHEM 1411 General Chemistry 1 2 CHEM 1411 General Chemistry 1 3 CHEM 1411 GENERAL CH	PLSC 4383	Range Management	3
Select one from the following:  AGBU 2317 Principles Of Agri Economics  AGBU 2389 Agribusiness Financl Analysis  WMGT 3381 Game Animal Production 3  AGRI 4120 Professional Career Skills 1  Animal Science Electives 1  Select 11 hours from: ANSC, EQSC or WMGT 11  Minor  BIOL 1411 General Botany 2  BIOL 1413 General Zoology 2  CHEM 1411 General Chemistry I 2	Major		
AGBU 2317 Principles Of Agri Economics AGBU 2389 Agribusiness Financl Analysis  WMGT 3381 Game Animal Production 3  AGRI 4120 Professional Career Skills 1  Animal Science Electives  Select 11 hours from: ANSC, EQSC or WMGT 11  Minor  BIOL 1411 General Botany  General Zoology  CHEM 1411 General Chemistry I  General Chemistry I  Animal Science Skills 11	AGRI 1131	Intro To Pro Leadership Skills	1
AGBU 2389 Agribusiness Financl Analysis  WMGT 3381 Game Animal Production 3  AGRI 4120 Professional Career Skills 1  Animal Science Electives  Select 11 hours from: ANSC, EQSC or WMGT 11  Minor  BIOL 1411 General Botany  General Zoology  CHEM 1411 General Chemistry I  General Chemistry I  Agribusiness Financl Analysis  BOL 14120 General Chemistry I  Agribusiness Financl Analysis  Agribusiness Financl	Select one from the following:		3
WMGT 3381       Game Animal Production       3         AGRI 4120       Professional Career Skills       1         Animal Science Electives <sup>1</sup> Select 11 hours from: ANSC, EQSC or WMGT       11         Minor         BIOL 1411       General Botany <sup>2</sup> 4         BIOL 1413       General Zoology <sup>2</sup> 4         CHEM 1411       General Chemistry I <sup>2</sup> 4		Principles Of Agri Economics	
AGRI 4120 Professional Career Skills 1  Animal Science Electives  Select 11 hours from: ANSC, EQSC or WMGT 11  Minor  BIOL 1411 General Botany  BIOL 1413 General Zoology  CHEM 1411 General Chemistry I  General Chemistry I  A	AGBU 2389	Agribusiness Financl Analysis	
Animal Science Electives  Select 11 hours from: ANSC, EQSC or WMGT  Minor  BIOL 1411 General Botany  BIOL 1413 General Zoology  CHEM 1411 General Chemistry I  A			3
Select 11 hours from: ANSC, EQSC or WMGT       11         Minor         BIOL 1411       General Botany 2       4         BIOL 1413       General Zoology 2       4         CHEM 1411       General Chemistry I 2       4		Professional Career Skills	1
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BIOL 1411 General Botany <sup>2</sup> BIOL 1413 General Zoology <sup>2</sup> CHEM 1411 General Chemistry I <sup>2</sup> 4	Select 11 hours from: ANSC, EQSC	or WMGT	11
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CHEM 1411 General Chemistry I <sup>2</sup> 4	BIOL 1411	·	4
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CHEM 1412 General Chemistry II <sup>2</sup> 4			
	CHEM 1412	General Chemistry II <sup>2</sup>	4

BIOL 3409	General Ecology	4
BIOL 3461	Fish Wildlife Recreation Mngt	4
BIOL 3364	Plant Taxonomy	3
Select one from the follow	wing:	3
BIOL 4330	Aquatic Biology	
BIOL 4430	Vertebrate Natural History	
BIOL 4470	Animal Behavior	
Total Hours		120

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

BIOL 1411, BIOL 1413, CHEM 1411, and CHEM 1412 satisfy the requirement for Component Area III and the minor requirement.

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Fall	Hours Spring	Hours
ANSC 1319 & ANSC 1119	4 AGRI 1309 or CSTE 1330	3
AGRI 1131	1 CHEM 1411 <sup>1</sup>	4
BIOL 1411 <sup>1</sup>	4 MATH 1369 or STAT 1369	3
Component Area I (catalog.shsu.edu/undergraduate/ academic-policies-procedures/degree-requirements- academic-guidelines/core-curriculum/#componentareai)	3 Component Area I (catalog.shsu.edu/undergraduate/ academic-policies-procedures/degree-requirements- academic-guidelines/core-curriculum/#componentareai)	3
Component Area II (catalog.shsu.edu/undergraduate/ academic-policies-procedures/degree-requirements- academic-guidelines/core-curriculum/#componentareaii)	3 Component Area IV (catalog.shsu.edu/undergraduate/ academic-policies-procedures/degree-requirements- academic-guidelines/core-curriculum/#componentareaiv)	3
Component Area IX (catalog.shsu.edu/undergraduate/ academic-policies-procedures/degree-requirements- academic-guidelines/core-curriculum/#componentareaix)	1	
	16	16
Second Year		
Fall	Hours Spring	Hours
ANSC 3363	3 ANSC 3373	3
Component Area V (catalog.shsu.edu/undergraduate/ academic-policies-procedures/degree-requirements- academic-guidelines/core-curriculum/#componentareav)	3 Component Area VI (catalog.shsu.edu/undergraduate/ academic-policies-procedures/degree-requirements- academic-guidelines/core-curriculum/#componentareavi)	3
Component Area VI (catalog.shsu.edu/undergraduate/ academic-policies-procedures/degree-requirements- academic-guidelines/core-curriculum/#componentareavi)	3 COMS 1361 or 2382 <sup>2</sup>	3
BIOL 1413	4 Component Area VII (catalog.shsu.edu/undergraduate/ academic-policies-procedures/degree-requirements- academic-guidelines/core-curriculum/#componentareavii)	3
CHEM 1412	4 Component Area VIII (catalog.shsu.edu/undergraduate/ academic-policies-procedures/degree-requirements- academic-guidelines/core-curriculum/#componentareaviii)	3
	17	15
Third Year		
Fall	Hours Spring	Hours
ANSC 3376	3 ANSC 4389	3
ANSC 4395	3 AGBU 2317 or 2389	3
ANSC Elective (ANSC, EQSC, WMGT)	3 ACOM 3360 or ENGL 3330	3
Component Area VII (catalog.shsu.edu/undergraduate/ academic-policies-procedures/degree-requirements- academic-guidelines/core-curriculum/#componentareavii)	3 PLSC 4383	3
	WMGT 3381	3

12

15

## Fourth Year

Fall	Hours Spring	Hours
ANSC 4394	3 ANSC Elective (ANSC, EQSC, WMGT)	2
ANSC Elective (ANSC, EQSC, WMGT)	6 BIOL 3461	4
AGRI 4120	1 BIOL 3364	3
BIOL 3409	4 BIOL 4330, 4430, or 4470	3
PLSC 4370	3	
	17	12

Total Hours: 120

Satisfies Component Area III.

Satisfies Component Area IX.