

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

Core Curriculum (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)	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)	4

Degree Specific Requirements

ACOM 3360 or ENGL 3330	Communication Skills for Agriculturists Intro To Technical Writing	3
COMS 1361 or COMS 2382	Public Speaking Comm. for Bus. & Professions	3
AGRI 1309 or CSTE 1330	Computers in Agriculture (or approved substitute) Introduction To Computers	3
MATH 1369 or STAT 1369	Elementary Statistics Elementary Statistics	3

Major Core

ANSC 1319 & ANSC 1119	Animal Science and Animal Science Laboratory	4
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

AGRI 1131	Intro To Pro Leadership Skills	1
Select one from the following:		3
AGBU 2317	Principles Of Agri Economics	
AGBU 2389	Agribusiness Financel 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	4
BIOL 1413	General Zoology ²	4
CHEM 1411	General Chemistry I ²	4
CHEM 1412	General Chemistry II ²	4

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

¹ Students should use major elective hours to satisfy the 42 advanced hour requirement.

² BIOL 1411, BIOL 1413, CHEM 1411, and CHEM 1412 satisfy the requirement for Component Area III and the minor requirement.

First Year

Fall	Hours Spring	Hours
ANSC 1319 & ANSC 1119	4 AGRI 1309 or CSTE 1330	3
AGRI 1131	1 CHEM 1411 ¹	4
BIOL 1411 ¹	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 ²	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

¹ Satisfies Component Area III.

² Satisfies Component Area IX.