

Animal Science B.S.A. with Equine Concentration

Animal Science B.S.A. with Equine Concentration Eight-Semester Degree Program

Students wishing to follow the degree plan should see the Eight Semester Degree Policy (<http://catalog.uark.edu/undergraduatecatalog/academicregulations/eightsemesterdegreecompletionpolicy>) for university requirements of the program. (*See UAConnect Degree Audit for complete course list.)

First Year	Units	
	Fall	Spring
UNIV 1001 University Perspectives	1	
ANSC 1001L Introductory to Animal Sciences Laboratory	1	
ANSC 1032 Introductory Animal Sciences	2	
BIOL 1543 Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) & BIOL 1541L Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab)	4	
ANSC 1041 Introduction to Companion Animal Industry or ANSC 1051 Introduction to the Livestock Industry	1	
ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013)	3	
MATH 1203 College Algebra (ACTS Equivalency = MATH 1103) (OR higher level math)	3	
ANSC 2003 Introduction to Equine Industry		3
ANSC 2252L Introduction to Livestock and Meat Evaluation		2
Discipline-related Elective* (CHEM 1103/1101L if completing University Chemistry I&II requirement)		3-4
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023)		3
Social Sciences Core Elective*		3
Fine Arts/Humanities Core Elective*		3
Year Total:	15	17

Second Year	Units	
	Fall	Spring
Choose 4 hours Chemistry from:	4	
CHEM 1073 Fundamentals of Chemistry (ACTS Equivalency = CHEM 1214 Lecture) & CHEM 1071L Fundamentals of Chemistry Laboratory (ACTS Equivalency = CHEM 1214 Lab)		

CHEM 1123 University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture) & CHEM 1121L University Chemistry II Laboratory (ACTS Equivalency = CHEM 1424 Lab)		
Fine Arts/Humanities Core Elective*	3	
ANSC 3723 Horse and Livestock Merchandising	3	
ANSC 3433 Fundamentals of Reproductive Physiology	3	
ANSC 2781 Career Preparation and Development	1	
ANSC 3072 Equine Selection and Evaluation		2
ANSC 3133 Animal Breeding and Genetics		3
Communication Intensive Elective*		3
Discipline-related Elective*		5
Social Science Core Elective*		3
Year Total:	14	16

Third Year	Units	
	Fall	Spring
ANSC 4142 Advanced Animal Handling Techniques	2	
Animal Science Electives*	5	
Select one of the following:	4	
CHEM 3603 Organic Chemistry I & CHEM 3601L Organic Chemistry I Laboratory		
CHEM 2613 Organic Physiological Chemistry (ACTS Equivalency = CHEM 1224 Lecture) & CHEM 2611L Organic Physiological Chemistry Laboratory (ACTS Equivalency = CHEM 1224 Lab)		
BIOL 2013 General Microbiology (ACTS Equivalency = BIOL 2004 Lecture) & BIOL 2011L General Microbiology Laboratory (ACTS Equivalency = BIOL 2004 Lab)	4	
ANSC 4173 Thoroughbred Horse Industry or ANSC 4283 Horse Production		3
Animal Science Electives*		5
ANSC 3143 Principles of Animal Nutrition		3
Social Science Core Elective*		3
Discipline-related Elective*		3
Year Total:	15	17

Fourth Year	Units	
	Fall	Spring
Animal Science Elective*	3	
ANSC Core Elective*	2	
General Elective	3	
Communication Intensive Elective*	3	
History Core Elective*	3	
ANSC 4283 Horse Production or ANSC 4173 Thoroughbred Horse Industry		3
ANSC Core Elective*		2
Discipline-related Electives*		1-2
General Electives		5
Year Total:	14	12

Total Units in Sequence:

120