

Animal Science B.S.A. with Pre-Professional Science Concentration

Animal Science B.S.A. with Pre-Professional Science 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 degree audit in UAConnect for complete course list.)

First Year	Units	
	Fall	Spring
UNIV 1001 University Perspectives	1	
ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013)	3	
ANSC 1032 Introductory Animal Sciences	2	
ANSC 1001L Introductory to Animal Sciences Laboratory	1	
General Elective (MATH 1203 if needed as a prerequisite for MATH 1213)	3	
CHEM 1103 University Chemistry I (ACTS Equivalency = CHEM 1414 Lecture) & CHEM 1101L University Chemistry I Laboratory (ACTS Equivalency = CHEM 1414 Lab)	4	
ANSC 1041 Introduction to Companion Animal Industry or ANSC 1051 Introduction to the Livestock Industry	1	
CHEM 1123 University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture) & CHEM 1121L University Chemistry II Laboratory (ACTS Equivalency = CHEM 1424 Lab)		4
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023)		3
Social Sciences Core Elective		3
BIOL 1543 Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) & BIOL 1541L Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab)		4
ANSC 2252L Introduction to Livestock and Meat Evaluation		2
Year Total:	15	16

Second Year	Units	
	Fall	Spring
Communication Intensive Elective*	3	
ANSC 2781 Career Preparation and Development	1	
CHEM 3603 Organic Chemistry I & CHEM 3601L Organic Chemistry I Laboratory	4	

BIOL 1603 Principles of Zoology (ACTS Equivalency = BIOL 1054 Lecture) & BIOL 1601L Principles of Zoology Laboratory (ACTS Equivalency = BIOL 1054 Lab)	4	
MATH 1213 Plane Trigonometry (ACTS Equivalency = MATH 1203)	3	
ANSC 3143 Principles of Animal Nutrition		3
CHEM 3613 Organic Chemistry II & CHEM 3611L Organic Chemistry II Laboratory		4
BIOL 2013 General Microbiology (ACTS Equivalency = BIOL 2004 Lecture) & BIOL 2011L General Microbiology Laboratory (ACTS Equivalency = BIOL 2004 Lab)		4
ANSC Electives or ANSC Core*		2
COMM 1313 Public Speaking (ACTS Equivalency = SPCH 1003)		3
Year Total:	15	16

Third Year	Units	
	Fall	Spring
ANSC 3032 Animal Physiology I	2	
CHEM 3813 Elements of Biochemistry	3	
Fine Arts/Humanities Core Elective*	3	
ANSC 3123 Principles of Genetics	3	
Discipline-related Elective* (MATH 2554 suggested)	4	
ANSC 3042 Animal Physiology II		2
ANSC Electives or ANSC Core*		2
Social Science Core Elective*		3
Discipline-related Elective* (STAT 2303 & BIOL 2533 suggested)		6
Fine Arts/Humanities Core Elective*		3
Year Total:	15	16

Fourth Year	Units	
	Fall	Spring
ANSC 3433 Fundamentals of Reproductive Physiology	3	
ANSC 4142 Advanced Animal Handling Techniques	2	
PHYS 2013 College Physics I (ACTS Equivalency = PHYS 2014 Lecture) & PHYS 2011L College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab)	4	
Social Sciences Core Elective*	3	
History/Government Core Elective*	3	
ANSC Electives and/or ANSC Core*		6
PHYS 2033 College Physics II (ACTS Equivalency = PHYS 2024 Lecture) & PHYS 2031L College Physics II Laboratory (ACTS Equivalency = PHYS 2024 Lab)		4
General Electives		2
Year Total:	15	12

Total Units in Sequence:

120