

Animal Science B.S.A. with Equine Concentration

Animal Science B.S.A. with an Equine Systems 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	
ENGL 1013 Composition I (ACTS Equivalency = ENGL 1013) (Satisfies General Education Outcome 1.1)	3	
ANSC 1033 Introductory Animal Sciences	3	
MATH 1203 College Algebra (ACTS Equivalency = MATH 1103) (Satisfies General Education Outcome 2.1)	3	
BIOL 1543 Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) & BIOL 1541L Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab) (Satisfies General Education Outcome 3.4)	4	
ANSC 1781 Career Preparation and Development	1	
ANSC 2003 Introduction to Equine Industry		3
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023) (Satisfies General Education Outcome 1.1)		3
General Elective		2
ANSC 2113 Introduction to Animal Evaluation and Handling & ANSC 2111L Introduction To Animal Evaluation and Handling Lab		4
CHEM 1073 Fundamentals of Chemistry (ACTS Equivalency = CHEM 1214 Lecture) & CHEM 1071L Fundamentals of Chemistry Laboratory (ACTS Equivalency = CHEM 1214 Lab) (Satisfies General Education Outcome 3.4)		4
Year Total:	15	16
Second Year	Units	
	Fall	Spring
BIOL 2013 General Microbiology (ACTS Equivalency = BIOL 2004 Lecture) & BIOL 2011L General Microbiology Laboratory (ACTS Equivalency = BIOL 2004 Lab) or ANSC 2413 and ANSC 2411L	4	
ANSC 3213 Behavior of Domestic Animals	3	

U.S. History or Government State Minimum Core Elective (Satisfies General Education Outcome 4.2)	3	
Equine Systems Elective* and/or General Elective	3	
Social Sciences State Minimum Core Elective (Satisfies General Education Outcome 3.3 and 4.1) ⁴	3	
Communication Intensive Elective (Satisfies General Education Outcomes 1.2 and 5.1) ¹		3
Fine Arts or Humanities State Minimum Core Elective (Satisfies General Education Outcome 3.1 or 3.2 & 5.1) ^{2,3}		3
Equine Systems Elective* and/or General Elective		3
Chemistry or Physical Science Elective*		4
General Elective		3
Year Total:	16	16

Third Year	Units	
	Fall	Spring
ANSC 3433 Fundamentals of Reproductive Physiology	3	
ANSC 3143 Principles of Animal Nutrition & ANSC 3141L Animal Nutrition Laboratory	4	
Fine Arts or Humanities State Minimum Core Elective (Satisfies General Education Outcome 3.1 or 3.2 & 5.1) ^{2,3}	3	
ANSC 3723 Horse and Livestock Merchandising	3	
Equine Systems Elective*	3	
Social Sciences State Minimum Core Elective (Satisfies General Education Outcome 3.3)		3
ANSC 3133 Animal Breeding and Genetics (OR Social Sciences Core Elective (Satisfies General Education Outcome 3.3)) ^{4,6}		3
ANSC 3033 Animal Physiology		3
ANSC 4282 Horse Production		2
Communication Intensive Elective (Satisfies General Education Outcomes 1.2 and 5.1) ¹		3
Year Total:	16	14

Fourth Year	Units	
	Fall	Spring
ANSC Core Elective*	2-4	
General Elective	5-7	
ANSC 3123 Principles of Genetics (OR Social Sciences State Minimum Core Elective (Satisfies General Education Outcomes 3.3 and 4.1) ^{4,5}	3	
ANSC 4993 Animal Science Capstone (Satisfies General Education Outcome 6.1)	3	
ANSC Core Elective*		2-4
General Electives		6-8
Equine Systems Electives		4
Year Total:	15	12

Total Units in Sequence: 120

¹ Recommend COMM 1313 or AGED 4003 to satisfy General Education Outcomes 1.2 and 5.1. See academic adviser for complete list of Communication Intensive courses. COMM 1313 is required for most Schools of Veterinary Medicine.

² The Fine Arts elective courses which satisfy General Education Outcome 3.1 include:

ARCH 1003, ARHS 1003, COMM 1003, DANC 1003, LARC 1003, MLIT 1003, MLIT 1003H, MLIT 1013, MLIT 1013H, MLIT 1333, THTR 1003, THTR 1013, or THTR 1013H.

³ The Humanities Elective courses which satisfy General Education

Outcomes 3.2 and 5.1 include:

CLST 1003, CLST 1003H, CLST 1013, HUMN 1124H, PHIL 2003, PHIL 2003C, PHIL 2003H, PHIL 2103, or PHIL 2103C.

⁴ The Social Science Elective courses which satisfy General Education

Outcomes 3.3 and 4.1 include: ANTH 1023, COMM 1023, HDFS 1403, HDFS 2413, HIST 1113, HIST 1113H, HIST 1123, HIST 1123H, HIST 2093, HUMN 1114H, HUMN 2114H, INST 2813, INST 2813H, PLSC 2013, PLSC 2813, PLSC 2813H, RESM 2853, SOCI 2013, SOCI 2013H, or SOCI 2033.

⁵ ANSC 3123 must be taken if ANSC 3133 not taken in Spring Year 3

⁶ ANSC 3133 must be taken if ANSC 3123 will not be taken in Fall Year 4