

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 10051 University Perspectives	1	
ENGL 10103 Composition I (ACTS Equivalency = ENGL 1013) (Satisfies General Education Outcome 1.1)	3	
ANSC 10303 Introductory Animal Sciences	3	
MATH 11003 College Algebra (ACTS Equivalency = MATH 1103) (Satisfies General Education Outcome 2.1)	3	
BIOL 10103 Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) & BIOL 10101 Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab) (Satisfies General Education Outcome 3.4)	4	
ANSC 17801 Career Preparation and Development	1	
ANSC 20003 Introduction to Equine Industry		3
ENGL 10203 Composition II (ACTS Equivalency = ENGL 1023) (Satisfies General Education Outcome 1.1)		3
General Elective		2
ANSC 21133 Introduction to Animal Evaluation and Handling & ANSC 21131 Introduction To Animal Evaluation and Handling Lab		4
CHEM 12103 Fundamentals of Chemistry (ACTS Equivalency = CHEM 1214 Lecture) & CHEM 12101 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 20003 General Microbiology (ACTS Equivalency = BIOL 2004 Lecture) & BIOL 20001 General Microbiology Laboratory (ACTS Equivalency = BIOL 2004 Lab) or ANSC 24133 and ANSC 24131	4	
ANSC 32103 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 34303 Fundamentals of Reproductive Physiology	3	
ANSC 31433 Principles of Animal Nutrition & ANSC 31431 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 37203 Horse and Livestock Merchandising	3	
Equine Systems Elective*	3	
Social Sciences State Minimum Core Elective (Satisfies General Education Outcome 3.3)		3
ANSC 31303 Animal Breeding and Genetics (OR Social Sciences Core Elective (Satisfies General Education Outcome 3.3)) ^{4,6}		3
ANSC 30303 Animal Physiology		3
ANSC 42802 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 31203 Principles of Genetics (OR Social Sciences State Minimum Core Elective (Satisfies General Education Outcomes 3.3 and 4.1)) ^{4,5}	3	
ANSC 49903 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 SPCH 10003 or AGED 41203 to satisfy General Education Outcomes 1.2 and 5.1. See academic adviser for complete list of Communication Intensive courses. SPCH 10003 is required for most Schools of Veterinary Medicine.

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

ARCH 10003, ARHS 10003, COMM 10003, DANC 10003, LARC 10003, MUSC 10003, MUSC 100H3, MUSC 10103, MUSC 101H3, MUSC 13303, THTR 10003, THTR 10103, or THTR 101H3.

³ The Humanities Elective courses which satisfy General Education

Outcomes 3.2 and 5.1 include:

CLST 10003, CLST 100H3, CLST 10103, HUMN 112H4, PHIL 20003, PHIL 200H3, or PHIL 21003.

⁴ The Social Science Elective courses which satisfy General Education

Outcomes 3.3 and 4.1 include: ANTH 10203, COMM 10203,

HDFS 14003, HDFS 24103, HIST 11193, HIST 111H3, HIST 11293, HIST 112H3, HIST 20903, HUMN 111H4, HUMN 211H4, INST 28103, INST 281H3, PLSC 20103, PLSC 28103, PLSC 281H3, RESM 28503, SOCI 10103, SOCI 101H3, or SOCI 20103.

⁵ ANSC 31203 must be taken if ANSC 31303 not taken in Spring Year 3.

⁶ ANSC 31303 must be taken if ANSC 31203 will not be taken in Fall Year 4.