

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) (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	
ENGL 1023 Composition II (ACTS Equivalency = ENGL 1023) (Satisfies General Education Outcome 1.1)		3
Social Sciences State Minimum Core Elective (Satisfies General Education Outcome 3.3)		3
ANSC 2113 Introduction to Animal Evaluation and Handling & ANSC 2111L Introduction To Animal Evaluation and Handling Lab		4
General Elective (recommended ANSC 1062 Sustainable Integrated Small Animal Farming)		2
CHEM 1103 University Chemistry I (ACTS Equivalency = CHEM 1414 Lecture) & CHEM 1101L University Chemistry I Laboratory (ACTS Equivalency = CHEM 1414 Lab) (Satisfies General Education Outcome 3.4)		4
Year Total:	15	16

Second Year	Units	
	Fall	Spring
Communication Intensive Elective (Satisfies General Education Outcomes 1.2 and 5.1) ¹	3	

CHEM 1123 University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture) & CHEM 1121L University Chemistry II Laboratory (ACTS Equivalency = CHEM 1424 Lab)	4	
ANSC 3213 Behavior of Domestic Animals	3	
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	
General Elective		1
U.S. History or Government State Minimum Core Elective (Satisfies General Education Outcome 4.2)		3
General Elective (Recommend MATH 1213)		3
Social Sciences Core Elective (Satisfies General Education Outcome 3.3)		3
Fine Arts or Humanities State Minimum Core Elective (Satisfies General Education Outcome 3.1 or 3.2 & 5.1) ^{2,3}		3
CHEM 3603 Organic Chemistry I & CHEM 3601L Organic Chemistry I Laboratory		4
Year Total:	15	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	
Communication Intensive Elective (Satisfies General Education Outcomes 1.2 and 5.1) ¹	3	
CHEM 3613 Organic Chemistry II & CHEM 3611L Organic Chemistry II Laboratory	4	
Social Sciences Core Elective (Satisfies General Education Outcome 3.3 and 4.1) ⁴	3	
ANSC Core Elective		2-4
ANSC 3033 Animal Physiology		3
CHEM 3813 Elements of Biochemistry		3
General Elective		2-4
Fine Arts or Humanities State Minimum Core Elective (Satisfies General Education Outcome 3.1 or 3.2 & 5.1) ^{2,3}		3
Year Total:	17	15

Fourth Year	Units	
	Fall	Spring
ANSC 3123 Principles of Genetics or ANSC 3133 Animal Breeding and Genetics	3	
ANSC Core Elective or General Elective	4	
BIOL 1603 Principles of Zoology (ACTS Equivalency = BIOL 1054 Lecture) & BIOL 1601L Principles of Zoology Laboratory (ACTS Equivalency = BIOL 1054 Lab) or BIOL 2533 Cell Biology	4	

PHYS 2013 College Physics I (ACTS Equivalency = PHYS 2014 Lecture) & PHYS 2011L College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab)	4	
ANSC 4993 Animal Science Capstone (Satisfies General Education Outcome 6.1)	3	
General Electives (Recommend STAT 2303)	3-4	
PHYS 2033 College Physics II (ACTS Equivalency = PHYS 2024 Lecture) & PHYS 2031L College Physics II Laboratory (ACTS Equivalency = PHYS 2024 Lab)	4	
Year Total:	15	11

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.