

# 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 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	
ENGL 10203 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 21133 Introduction to Animal Evaluation and Handling & ANSC 21131 Introduction To Animal Evaluation and Handling Lab		4
General Elective (recommended ANSC 10602 Sustainable Integrated Small Animal Farming)		2
CHEM 14103 University Chemistry I (ACTS Equivalency = CHEM 1414 Lecture) & CHEM 14101 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) <sup>1</sup>	3	

CHEM 14203 University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture) & CHEM 14201 University Chemistry II Laboratory (ACTS Equivalency = CHEM 1424 Lab)	4	
ANSC 32103 Behavior of Domestic Animals	3	
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	
General Elective		1
U.S. History or Government State Minimum Core Elective (Satisfies General Education Outcome 4.2)		3
General Elective (Recommend MATH 11003)		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) <sup>2,3</sup>		3
CHEM 36053 Organic Chemistry I & CHEM 36051 Organic Chemistry I Laboratory		4
Year Total:	15	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	
Communication Intensive Elective (Satisfies General Education Outcomes 1.2 and 5.1) <sup>1</sup>	3	
CHEM 36203 Organic Chemistry II & CHEM 36201 Organic Chemistry II Laboratory	4	
Social Sciences Core Elective (Satisfies General Education Outcome 3.3 and 4.1) <sup>4</sup>	3	
ANSC Core Elective		2-4
ANSC 30303 Animal Physiology		3
CHEM 38103 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) <sup>2,3</sup>		3
Year Total:	17	15

Fourth Year	Units	
	Fall	Spring
ANSC 31203 Principles of Genetics or ANSC 31303 Animal Breeding and Genetics	3	
ANSC Core Elective or General Elective	4	
BIOL 10503 Principles of Zoology (ACTS Equivalency = BIOL 1054 Lecture) & BIOL 10501 Principles of Zoology Laboratory (ACTS Equivalency = BIOL 1054 Lab) or BIOL 25473 Cell Biology	4	

PHYS 20103 College Physics I (ACTS Equivalency = PHYS 2014 Lecture) & PHYS 20101 College Physics I Laboratory (ACTS Equivalency = PHYS 2014 Lab)	4	
ANSC 49903 Animal Science Capstone (Satisfies General Education Outcome 6.1)	3	
General Electives (Recommend MATH 21003)	3-4	
PHYS 20203 College Physics II (ACTS Equivalency = PHYS 2024 Lecture) & PHYS 20201 College Physics II Laboratory (ACTS Equivalency = PHYS 2024 Lab)	4	
Year Total:	15	11

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**Total Units in Sequence: 120**

<sup>1</sup> 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.

<sup>2</sup> 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 13303, THTR 10003, THTR 10103, or THTR 101H3.

<sup>3</sup> 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.

<sup>4</sup> 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.