

**Dale Bumpers College of Agricultural, Food & Life Sciences**  
**EIGHT-SEMESTER DEGREE COMPLETION PROGRAM**  
**B.S.A. – Animal Science Pre-Professional / Science Concentration (PPRF)**  
**2018-2019**

Requirements: 12 hours Communication; 3 hours History; 3 hours Mathematics; 8 hours Sciences; 6 hours Fine Arts/Humanities; 9 hours Social Sciences; 22 hours departmental core; 6 hours Animal Science electives; 35 hours Pre-Professional / Science; 10 hours Discipline-related electives; 5 hours general electives.

**Bold** – Course meets University Core      Pre-requisites, co-requisites, or recommended courses are in parentheses.

Fall Semester Year 1		Spring Semester Year 1	
Course	Hours	Course	Hours
UNIV 1001 University Perspectives	1	<b>CHEM 1123/1121L</b> University Chemistry II	4
<b>ENGL 1013</b> Composition I	3	<b>ENGL 1023</b> Composition II	3
ANSC 1032 Intro to Animal Sciences	2	<b>Social Sciences Core Elective</b>	3
ANSC 1001L Intro to Animal Science Lab	1	<b>BIOL 1543/1541L</b> Biology I	4
General Elective (or <b>MATH 1203</b> College Algebra if needed for MATH 1213 pre-req)	3	ANSC 2252L Intro to Livestock & Meat Evaluation	2
<b>CHEM 1103/1101L</b> University Chemistry I	4		
ANSC 1041 Intro to Companion Animal OR ANSC 1051 Intro to Livestock Industry	1		
<b>Total Semester Hours</b>	<b>15</b>	<b>Total Semester Hours</b>	<b>16</b>
Fall Semester Year 2		Spring Semester Year 2	
Course	Hours	Course	Hours
Communication Intensive Elective	3	ANSC 3143 Principles of Animal Nutrition	3
ANSC 2781 Career Preparation & Development	1	CHEM 3613/3611L Organic Chemistry II	4
<b>CHEM 3603/3601L</b> Organic Chemistry I	4	BIOL 2013/2011L General Microbiology	4
<b>BIOL 1603/1601L</b> Principles of Zoology	4	ANSC Electives or ANSC Core*	2
MATH 1213 Trigonometry (Pre- MATH 1203)	3	COMM 1313 Public Speaking	3
<b>Total Semester Hours</b>	<b>15</b>	<b>Total Semester Hours</b>	<b>16</b>
Fall Semester Year 3		Spring Semester Year 3	
Course	Hours	Course	Hours
ANSC 3032 Animal Physiology I	2	ANSC 3042 Animal Physiology II	2
CHEM 3813 Biochemistry	3	ANSC Electives or ANSC Core*	2
<b>Fine Arts/Humanities Core Elective*</b>	3	<b>Social Science Core Elective</b>	3
ANSC 3123 Principles of Genetics	3	Discipline-related Elective (STAT 2303 & BIOL 2533 suggested)	6
Discipline-related Elective (MATH 2554 suggested)	4	<b>Fine Arts/Humanities Core Elective*</b>	3
<b>Total Semester Hours</b>	<b>15</b>	<b>Total Semester Hours</b>	<b>16</b>
Fall Semester Year 4		Spring Semester Year 4	
Course	Hours	Course	Hours
ANSC 3433 Fundamentals of Reproductive Physiology	3	ANSC Electives or ANSC Core*	6
ANSC 4142 Advanced Animal Handling Techniques	2	PHYS 2033/2031L College Physics II	4
PHYS 2013/2011L College Physics I	4	General Electives	2
<b>Social Sciences Core Elective</b>	3		
<b>History/Government Core Elective*</b>	3		
<b>Total Semester Hours</b>	<b>15</b>	<b>Total Semester Hours</b>	<b>12</b>
		<b>TOTAL HOURS</b>	<b>120</b>

\*See specific course for prerequisites.

For graduation, students must complete 120 hrs with at least 36 hrs of Junior or Senior level, and 9 hrs other than ANSC.