

**Dale Bumpers College of Agricultural, Food & Life Sciences**  
**EIGHT-SEMESTER DEGREE COMPLETION PROGRAM**  
**B.S.A. – Animal Science Pre-Professional / Science Concentration (ANSC)**  
**2014-2015**

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; 6 hours general electives.

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

<b>Fall Semester Year 1</b>	<b>Spring Semester Year 1</b>
<b>Course</b>	<b>Course</b>
<b>Hours</b>	<b>Hours</b>
ANSC 1041 Intro to Companion Animal <b>OR</b> ANSC 1051 Intro to Livestock Industry	ANSC 2252L Intro to Livestock & Meat Evaluation
1	2
ANSC 1032 Intro to Animal Sciences	<b>Social Sciences Core Elective</b>
2	3
ANSC 1001L Intro to Animal Science Lab	<b>BIOL 1543/1541L</b> Biology I
1	4
<b>ENGL 1013</b> Composition I unless exempt**	<b>ENGL 1023</b> Comp II unless exempt**
3	3
<b>MATH 1203</b> College Algebra <b>OR</b> higher level math	CHEM 1123/1121 Univ Chemistry II
3	4
<b>CHEM 1103/1101</b> Univ Chemistry II	
4	
<b>Total Semester Hours</b>	<b>Total Semester Hours</b>
<b>14</b>	<b>16</b>
<b>Fall Semester Year 2</b>	
<b>Spring Semester Year 2</b>	
<b>Course</b>	<b>Course</b>
<b>Hours</b>	<b>Hours</b>
ANSC 2781 Career Preparation & Development	ANSC 3143 Principles of Animal Nutrition
1	3
MATH 1213 Trigonometry	CHEM 3613/3611L Organic Chemistry II
3	4
<b>CHEM 3603/3601L</b> Organic Chemistry	<b>Fine Arts/Humanities Core Elective</b>
4	3
COMM 1313 Public Speaking	BIOL 2013/2011L General Microbiology
3	4
<b>BIOL 1603/1601</b> Principles of Zoology	Communication Intensive Elective
4	3
<b>Total Semester Hours</b>	<b>Total Semester Hours</b>
<b>15</b>	<b>17</b>
<b>Fall Semester Year 3</b>	
<b>Spring Semester Year 3</b>	
<b>Course</b>	<b>Course</b>
<b>Hours</b>	<b>Hours</b>
ANSC 3032 Animal Physiology I	ANSC 3042 Animal Physiology II
2	2
ANSC 3133 Animal Breeding and Genetics	ANSC Electives or ANSC Production
3	2-3
Discipline-related Elective (MATH 2554 suggested)	<b>Social Science Core Elective</b>
4	3
CHEM 3813 Biochemistry	Discipline-related Elective (STAT 2303 & BIOL 2533 suggested)
3	6
ANSC Electives or ANSC Production	
2-3	
<b>Total Semester Hours</b>	<b>Total Semester Hours</b>
<b>14-15</b>	<b>13-14</b>
<b>Fall Semester Year 4</b>	
<b>Spring Semester Year 4</b>	
<b>Course</b>	<b>Course</b>
<b>Hours</b>	<b>Hours</b>
ANSC 3433 Fundamentals of Reproductive Physiology	ANSC Electives or ANSC Production
3	4 - 6
ANSC 4142 Adv. Animal Handling Techniques	PHYS 2033/2031 College Physics II
2	4
PHYS 2013/2011 College Physics I	<b>History/Government Core Elective</b>
4	3
<b>Social Sciences Core Elective</b>	General Electives
3	3
<b>Fine Arts/Humanities Core Elective *</b>	
3	
<b>Total Semester Hours</b>	<b>Total Semester Hours</b>
<b>15</b>	<b>14-16</b>
<b>TOTAL HOURS</b>	
<b>120</b>	

\*See specific course for prerequisites.

\*\* Students who are exempt may take general electives.

For graduation, students must complete 120 hrs with at least 36 hrs of Junior or Senior level, and 9 hrs other than ANSC, minimum GPA 2.0, and no more than 68 hrs of Freshman and Sophomore transfer courses.