

**Dale Bumpers College of Agricultural, Food & Life Sciences**  
**EIGHT-SEMESTER DEGREE COMPLETION PROGRAM**  
*B.S.A. – Animal Science (ANSC)*  
**2011-2012**

ANSC Requirements: 6-12 hours Communication; 3 hours History; 3 hours Mathematics; 17 hours Physical and Biological Sciences; 6 hours Fine Arts/Humanities; 6 hours Social Sciences; 22 hours departmental core; 13 hours Animal Science electives; 16 hours Discipline-related electives; 23-29 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>Hours</b>	<b>Course</b>	<b>Hours</b>
ANSC 1001L Intro to Animal Science Lab	1	ANSC 2252L Intro to Livestock & Meat Evaluation (Pre-ANSC 1032)	2
ANSC 1032 Intro to Animal Sciences	2	<b>ENGL 1023</b> Composition II (Pre-ENGL 1013) unless exempt**	3
ANSC 1041 Intro to Companion Animal <b>OR</b> ANSC 1051 Intro to Livestock Industry	1	<b>Fine Arts/Humanities Core Elective</b>	3
<b>ENGL 1013</b> Composition I unless exempt**	3	<b>Social Sciences Core Elective</b>	3
<b>MATH 1203</b> College Algebra <b>OR</b> higher level math	3	General Elective	3
<b>BIOL 1543/1541L</b> Biology I	4	Discipline-related Elective (AFLS Broadening Elective)	3
<b>Total Semester Hours</b>	<b>14</b>	<b>Total Semester Hours</b>	<b>17</b>
<b>Fall Semester Year 2</b>		<b>Spring Semester Year 2</b>	
<b>Course</b>	<b>Hours</b>	<b>Course</b>	<b>Hours</b>
ANSC 2781 Career Preparation & Development	1	ANSC 3133 Animal Breeding & Genetics (Pre-ANSC 1032)	3
ANSC 3433 Fundamentals of Reproductive Physiology (Pre-ANSC 1032 and BIOL 1543)	3	CHEM 2613/2611L Organic Physiological Chemistry (Pre-CHEM 1073/1071L <b>OR</b> CHEM 1123/1121L) <b>OR</b> <b>Social Science Elective</b>	3-4
<b>CHEM 1073/1071L</b> Fundamentals of Chemistry <b>OR</b> CHEM 1123/1121 Univ Chemistry II	4	<b>Fine Arts/Humanities Core Elective</b>	3
COMM 1313 Fundamentals of Communication	3	Discipline-related Elective (AFLS Broadening Elective)	3
<b>History Core Elective</b>	3	General Elective	3
<b>Total Semester Hours</b>	<b>14</b>	<b>Total Semester Hours</b>	<b>15-16</b>
<b>Fall Semester Year 3</b>		<b>Spring Semester Year 3</b>	
<b>Course</b>	<b>Hours</b>	<b>Course</b>	<b>Hours</b>
Animal Science Electives*	5	Animal Science Electives*	5
Communication Intensive Elective	3	ANSC 3143 Principles of Animal Nutrition (Pre-CHEM 1073/1071L)	3
BIOL 2013/2011L General Microbiology (Pre-BIOL 1543/1541L and 2 semesters of general chem.)	4	<b>Social Science Core Elective</b>	3
<b>Social Science Core Elective</b> <b>OR</b> CHEM 3603/3601L Organic Chemistry I	3-4	Discipline-related Elective (AFLS Broadening Elective)	3
Discipline-related Elective*	2	General Elective*	3
<b>Total Semester Hours</b>	<b>17-18</b>	<b>Total Semester Hours</b>	<b>17</b>
<b>Fall Semester Year 4</b>		<b>Spring Semester Year 4</b>	
<b>Course</b>	<b>Hours</b>	<b>Course</b>	<b>Hours</b>
Animal Science Elective*	3	ANSC production/management*	2 to 4
ANSC production/management*	2 to 4	Discipline-related Electives*	5
General Elective*	6-9	General Electives*	6-8
<b>Total Semester Hours</b>	<b>11-16</b>	<b>Total Semester Hours</b>	<b>13-17</b>
		<b>TOTAL HOURS</b>	<b>124</b>

\*See specific course for prerequisites.

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

For graduation, students must complete 124 hrs with at least 39 hrs of Junior or Senior level, 30 hrs within Bumpers College and 9 hrs other than ANSC, minimum GPA 2.0, maximum 25% D's and no more than 68 hrs of Freshman and Sophomore transfer courses.