

**Dale Bumpers College of Agricultural, Food & Life Sciences**  
**EIGHT-SEMESTER DEGREE COMPLETION PROGRAM**  
*B.S.A. – Equine Concentration (ANSC)*  
**2015-2016**

ANSC Requirements: 6-12 hours Communication; 3 hours History; 3 hours Mathematics; 16 hours Physical and Biological Sciences; 6 hours Fine Arts/Humanities; 9 hours Social Sciences; 22 hours departmental core; 14 hours Equine concentration; 13 hours Animal Science electives; 13 hours Discipline-related electives; 8-15 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>	
Course	Hours	Course	Hours
UNIV 1001 University Perspectives	1	ANSC 2252L Intro to Livestock & Meat Evaluation (Pre-ANSC 1032)	2
ANSC 1001L Intro to Animal Science Lab	1	ANSC 2003 Introduction to Equine Industry	3
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	Discipline-related Elective (AFLS Broadening Elective)	3
<b>BIOL 1543/1541L</b> Biology I	4	<b>Total Semester Hours</b>	<b>17</b>
<b>Total Semester Hours</b>	<b>15</b>		
<b>Fall Semester Year 2</b>		<b>Spring Semester Year 2</b>	
Course	Hours	Course	Hours
ANSC 3723 Horse and Livestock Merchandising	3	ANSC 3072 Equine Selection and Evaluation	2
ANSC 3433 Fundamentals of Reproductive Physiology (Pre-ANSC 1032 and BIOL 1543)	3	ANSC 3133 Animal Breeding & Genetics (Pre-ANSC 1032)	3
ANSC 2781 Career Preparation & Development	1	Communication Intensive Elective	3
<b>CHEM 1073/1071L</b> Fundamentals of Chemistry <b>OR</b> CHEM 1123/1121 Univ Chemistry II	4	CHEM 2613/2611L Org. Phys. Chem. (Pre-CHEM 1073/1071L <b>OR</b> 1123/1121L) <b>OR Social Science Elective</b>	3-4
<b>Fine Arts/Humanities Core Elective</b>	3	Discipline-related Elective (AFLS Broadening Elective)	3
<b>Total Semester Hours</b>	<b>14</b>	<b>Total Semester Hours</b>	<b>14-15</b>
<b>Fall Semester Year 3</b>		<b>Spring Semester Year 3</b>	
Course	Hours	Course	Hours
ANSC 4142 Adv Animal Handling	2	ANSC 4173Thoroughbred Horse Industry (Sp Odd yrs only) <b>OR</b> ANSC 4283 Horse Production	3
Animal Science Electives*	5	Animal Science Electives*	5
BIOL 2013/2011L General Microbiology (Pre-BIOL 1543/1541L and 2 semesters of general chem.)	4	ANSC 3143 Principles of Animal Nutrition (Pre-CHEM 1073/1071L)	3
<b>Social Science Core Elective</b> <b>OR</b> CHEM 3603/3601L Organic Chemistry I	3-4	<b>Social Science Core Elective</b>	3
<b>Total Semester Hours</b>	<b>14-15</b>	Discipline-related Elective (AFLS Broadening Elective)	3
		<b>Total Semester Hours</b>	<b>17</b>
<b>Fall Semester Year 4</b>		<b>Spring Semester Year 4</b>	
Course	Hours	Course	Hours
Animal Science Elective*	3	ANSC 4173Thoroughbred Horse Industry (Sp Odd yrs only) <b>OR</b> ANSC 4283 Horse Production	3
ANSC production/management*	2	ANSC production/management*	2
General Elective**	3	Discipline-related Electives**	4
Communication Intensive Elective	3	General Electives**	5
<b>History Core Elective</b>	3	<b>Total Semester Hours</b>	<b>14</b>
<b>Total Semester Hours</b>	<b>14</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.