

Dale Bumpers College of Agricultural, Food & Life Sciences
EIGHT-SEMESTER DEGREE COMPLETION PROGRAM
B.S.A. – Equine Concentration (ANSC)
2014-2015

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; 9-15 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
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	ANSC 2003 Introduction to Equine Industry	3
ANSC 1041 Intro to Companion Animal OR ANSC 1051 Intro to Livestock Industry	1	ENGL 1023 Composition II (Pre-ENGL 1013) unless exempt**	3
ENGL 1013 Composition I unless exempt**	3	Fine Arts/Humanities Core Elective	3
MATH 1203 College Algebra OR higher level math	3	Social Sciences Core Elective	3
BIOL 1543/1541L Biology I	4	Discipline-related Elective (AFLS Broadening Elective)	3
Total Semester Hours	14	Total Semester Hours	17
Fall Semester Year 2		Spring Semester Year 2	
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	Fine Arts/Humanities Core Elective	3
CHEM 1073/1071L Fundamentals of Chemistry OR CHEM 1123/1121 Univ Chemistry II	4	CHEM 2613/2611L Org. Phys. Chem. (Pre-CHEM 1073 /1071L OR 1123/1121L) OR Social Science Elective	3-4
Communication Intensive Elective	3	Discipline-related Elective (AFLS Broadening Elective)	3
Total Semester Hours	14	Total Semester Hours	14-15
Fall Semester Year 3		Spring Semester Year 3	
Course	Hours	Course	Hours
ANSC 4142 Adv Animal Handling	2	ANSC 4173 Thoroughbred Horse Industry (Sp Odd yrs only) OR 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
Social Science Core Elective OR CHEM 3603/3601L Organic Chemistry I	3-4	Social Science Core Elective	3
Total Semester Hours	14-15	Discipline-related Elective (AFLS Broadening Elective)	3
Fall Semester Year 4		Spring Semester Year 4	
Course	Hours	Course	Hours
Animal Science Elective*	3	ANSC 4173 Thoroughbred Horse Industry (Sp Odd yrs only) OR ANSC 4283 Horse Production	3
ANSC production/management*	2	ANSC production/management*	2
General Elective**	3-6	Discipline-related Electives*	4
Communication Intensive Elective	3	General Electives**	6-9
History Core Elective	3	Total Semester Hours	15-18
Total Semester Hours	14-17	TOTAL HOURS	120

*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.