



OKLAHOMA STATE UNIVERSITY

COLLEGE OF AGRICULTURAL SCIENCES AND NATURAL RESOURCES

GENERAL REQUIREMENTS FOR STUDENTS MATRICULATING IN ACADEMIC YEAR: 2007-2008

BACHELOR OF SCIENCE IN AGRICULTURAL SCIENCES AND NATURAL RESOURCES

MAJOR ANIMAL SCIENCE OPTION: RANCH OPERATIONS

MINIMUM OVERALL GRADE-POINT AVERAGE: 2.00 TOTAL HOURS 130

OTHER GPA REQUIREMENTS, SEE BELOW.

GENERAL EDUCATION REQUIREMENTS <u>43</u> HOURS			MAJOR REQUIREMENTS <u>58</u> HOURS	
Area	Hours	To Be Selected From	Core Courses <u>45</u> Hours	
English Composition and Oral Communication	9	ENGL 1113 or 1313; 1213 or 1413; and 3323* or AGCM 3103 or BCOM 3113. (See Academic Regulation 3.5 in Catalog.) (When ENGL 3323 is substituted for ENGL 1213, the hours in this block are 6.)	AGEC 3423	ANSI 3333, 3423, 3433, 3443, 3543, 3653, 4203, 4863 <u>6 hours from:</u> ANSI 4423, 4543, 4553, 4613, 4633 <u>12 hours from:</u> BOT 3005, 4374 PLNT 3213 RLEM 2913, 3913, 4613, 4973, 4983, 4993
American History and Government	6	HIST 1103; POLS 1113		
Analytical and Quantitative Thought (A)	6	MATH 1513* or 1483*, 1613* (or 2103 or STAT 2013 or 2023)		
Humanities (H)	6	Any course designated (H); must include one lower-division course.	Related Courses <u>13</u> Hours	
Natural Sciences (N)	9	BIOL 1114*; CHEM 1215*	Choose From: ACCT 2203 ANSI 3903 ¹ or any course designated (I) ANSI 4910 (1-12 hours) ENTO 3003 FIN 3113 LSB 3213 MGMT 3013 MKTG 3213 MICR 3254 VMED 3123 ZOOL 3204	
Social and Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	Any upper-division AGEC, ANSI, ENTO, FIN, MGMT, MKTG, PLNT, RLEM, SOIL	
International Dimension (I)	--	ANSI 3903 ("See Controlled Electives") or any course designated (I).		
Scientific Investigation (L)	--	Any course designated (L).		
* College and Departmental Requirements that may be used to meet General Education requirements.				
COLLEGE/DEPARTMENTAL REQUIREMENTS <u>24</u> HOURS			ELECTIVES <u>5</u> HOURS	
Agricultural Courses	17	AG 1011; ANSI 1124, 2112, 2253; PLNT 1213; SOIL 2124	Hours to complete required total.	
Additional Requirements	7	ACCT 2103; CHEM 1225 (or BIOC 2344)		

Other Requirements:

A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. Students will be held responsible for degree requirements in effect at the time of matriculation (date at first enrollment) & any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

DEAN

DEPARTMENT HEAD

Animal Science/ Ranch Operations

Oklahoma State University
College of Agriculture Science and Natural Resources
Department of Animal Science
2007-2008

Fall	First Year	Spring
ENGL 1113 or 1313	Freshman Composition I Critical Analysis and Writing I <i>(Prerequisites: ENGL ACT score of 27 & 3.50 overall high school GPA; or consent of course director)</i>	ENGL 1213 Freshman Composition II <i>(Prerequisite: ENGL 1113, 1123, or 1313)</i> or 1413 Critical Analysis and Writing II <i>(Prerequisite: ENGL 1313, an "A" in ENGL 1113, or consent of course director)</i>
POLS 1113 PLNT 1213 ANSI 1124 AG 1011 ANSI 4900	American Government Introduction to Plant and Soil Systems Introduction to Animal Science Ag Orientation Animal Science/Food Science Orientation	MATH 1483 Mathematical Functions <i>(Prerequisites: intermediate algebra or placement into 1513)</i> or 1513 College Algebra <i>(Prerequisite: two years of high school algebra or intermediate algebra)</i> CHEM 1215 General Chemistry <i>(Prerequisites: Math 0123 or high school equivalent)</i> HIST 1103 Survey of American History ANSI 2112 Live Animal Evaluation <i>(Prerequisites: ANSI 1124)</i>
15 Hours		16 Hours

Fall	Second Year	Spring
SOIL 2124 CHEM 1225 or BIOC 2344 BIOL 1114 ANSI 2253	Fundamentals of Soil Science <i>(Prerequisite: CHEM 1215)</i> General Chemistry <i>(Prerequisite: MATH 1513 or concurrent enrollment in 1613, 1715 or a higher level math course)</i> Chemistry & Applications of Biomolecules <i>(Prerequisite: CHEM 1225)</i> Introductory Biology Meat Animal and Carcass Evaluation <i>(Prerequisite: 1124)</i>	AGEC 1114 Introduction to Agriculture Economics <i>(Prerequisite: MATH 1483 or 1513)</i> SPCH 2713 Introduction to Speech Communications ANSI 3423 Animal Genetics <i>(Prerequisite: BIOL 1114)</i> 3hrs Humanities (lower division) MATH 1613 Trigonometry <i>(Prerequisites: 1513 or equivalent, or concurrent enrollment)</i> or STAT 2013 Elementary Statistics <i>(Prerequisite: MATH 1483 or 1513)</i>
15/16 Hours		16 Hours

Fall		Third Year		Spring	
ACCT	2103	Financial Accounting <i>(Prerequisite: 24 semester credit hours including ENGL 1113 & MATH 1483 or equivalent)</i>	4hrs	Electives	
	3hrs	Humanities			
	3hrs	BOT/PLNT/RLEM core Course*			
ANSI	3433	Principles of Animal Nutrition <i>(Prerequisite: CHEM 1215 or equivalent)</i>	ANSI 4203	Rangeland and Pasture Utilization <i>(Prerequisite: RLEM 3913 or 1613)</i>	
			4hrs	Related Course*	
ANSI	3433	Animal Breeding <i>(Prerequisite: 3423)</i>	ANSI 3653	Applied Animal Nutrition <i>(Prerequisite: ANSI 3543)</i>	
			3hrs	BOT/PLNT/RLEM Core Course*	
17 Hours			15 Hours		

Work experience encouraged between your junior and senior year.

Fall		Fourth Year		Spring	
AGEC	3423	Farm and Agribusiness Management <i>(Prerequisite: 1114, ACCT 2103)</i>	6hrs	Related Course*	
	3hrs				
ENGL	3323	Technical Writing <i>(Prerequisite: ENGL 1113, 1213, and junior standing)</i>	ANSI 4863	BOT/PLNT/RLEM Core Course*	
			3hrs	Capstone for Animal Agriculture <i>(Prerequisite: senior standing)</i>	
or					
AGCM	3103	Communicating Ag to the Public <i>(Prerequisite: junior standing in the College of Ag Sci. & Nat Resources or consent of the instructor)</i>			
or					
BCOM	3113	Written Communications <i>(Prerequisite: 50 semester credit hours)</i>			
ANSI	3333	Meat Science <i>(Prerequisite: 2253 and CHEM 1215 or equivalent)</i>			
	3hrs				
ANSI	3443	Animal Reproduction <i>(Prerequisite: BIOL 1114)</i>			
	3hrs	ANSI Core Course*			
18 Hours			18 Hours		

±Consult Advisor/Proposed Professional School Requirements

<p>Graduation Requirements...</p> <p>Total Credit Hours for Graduation: 130 minimum</p> <p>40 upper-division hours required and 60 hours must be completed at a four year institution.</p> <p>A 2.00 major GPA is required. This includes all courses in College/Departmental, Major Requirements and Controlled Electives.</p> <p>One literature course required as lower-division humanities for most professional school admissions.</p> <p>A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.</p> <p>Note: See OFFICIAL plan of study</p> <p>*Refer to Degree Sheet for Course Options</p> <p>*Additional Core Courses - Upper Division</p>
<p>Stay in Sequence...</p> <p>* ANSI courses taught only Fall Semesters: 3333, 4023, 4553, 4803</p> <p>* ANSI courses taught only spring Semesters: 3903, 4333, 4423, 4543, 4633, 4712</p>
<p>Students will be held responsible for degree requirements in effect at the time of matriculation (date of first enrollment and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.</p> <p>This plan is provided as a courtesy. The OFFICIAL degree requirements sheet is used to determine eligibility for graduation.</p> <p>May 2007</p>