



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: INTERNATIONAL

MINIMUM OVERALL GRADE-POINT AVERAGE: 2.00 TOTAL HOURS 130

OTHER GPA REQUIREMENTS, SEE BELOW.

GENERAL EDUCATION REQUIREMENTS <u>55</u> HOURS			MAJOR REQUIREMENTS <u>56</u> HOURS	
Area	Hours	To Be Selected From	Core Courses <u>21</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.)	Choose Alternative 1 or 2: Alternative 1 ANSI 3423, 3433, 3443, 3543, 3653, 4863 <u>one of the following:</u> ANSI 4023, 4423, 4543, 4553, 4613, 4633, 4643	
American History and Government	6	HIST 1103; POLS 1113	Alternative 2 ANSI 2253, 3113, 3154, 3763, 4863; MICR 2125 <u>one of the following:</u> ANSI 3333, 3603, 4333	
Analytical and Quantitative Thought (A)	6	MATH 1513* (or 1483*); STAT 2023*	Additional Core Courses <u>15</u> Hours	
Humanities (H)	6	Any course designated (H); must include one lower-division course.	AGEC 3323, 3333, 4343 ECON 2203 LSB 3213 (or AGECE 4413)	
Natural Sciences (N)	9	BIOL 1114*; CHEM 1215*	Language Requirements <u>5</u> Hours	
Social and Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*	FREN 2112, 2113, 2232, 2233 GRMN 2112, 2113, 2222, 2223 JAPN 2113, 2123, 2223 SPAN 2115, 2222, 2223 RUSS 2115, 2225	
International Dimension (I)	12	ANSI 3903, LSB 4633 and 6 additional hours with (I) designation.	Alternative 1 - Related Courses <u>15</u> Hours	
Scientific Investigation (L)	--	Any course designated (L).	Alternative 2 - Related Courses <u>12</u> Hours	
* College and Departmental Requirements that may be used to meet General Education requirements.			ACCT 2203, 3203 JAPN 1115 ANSI 2253, 3373, 3543 JB 2013, 3013 ANSI 4910 (1-12 hours) LSB 3323 CHEM 1225 MCAG 4123 ECON 3113, 3123 MGMT 3013, 4613 ECON 3613, 4643 MKTG 3213, 3513, 4553 FIN 3113, 4213 RUSS 1115, 1225 FREN 1115, 1225 SPAN 1115, 1225 GRMN 1115, 1225	
COLLEGE/DEPARTMENTAL REQUIREMENTS <u>14</u> HOURS			ELECTIVES <u>5</u> HOURS	
Agricultural Courses	4	AG 1011; PLNT 1213	Any upper-division AGCM or AGECE No more than 3 hours from ANSI 4900.	
Basic Animal Science Courses	7	ANSI 1124; ANSI 1133		
Additional Requirements	3	ACCT 2103		
			Hours to complete required total.	

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/International Alt. 2 (Foods)

Oklahoma State University
College of Agriculture Sciences and Natural Resources
Department of Animal Sciences
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 and 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>
MATH 1513 or 1483	College Algebra <i>(Prerequisites: two years of high school algebra or intermediate algebra)</i> Mathematical Functions <i>(Prerequisite: intermediate algebra or placement into 1513)</i>	CHEM 1215 General Chemistry <i>(Prerequisite: MATH 0123 or high school equivalent)</i> AGEC 1114 Introduction to Agriculture Economics <i>(Prerequisite: MATH 1483 or 1513)</i>
ANSI 1124 AG 1011 ANSI 4900 BIOL 1114	Introduction to Animal Science Ag Orientation Animal Science/Food Science Orientation Introduction to Biology	FDSC 1133 Fundamentals of Food Science
16 Hours		15 Hours

Fall	Second Year	Spring
SPCH 2713 POLS 1113 ECON 2203	Introduction to Speech Communications American Government Introduction to Microeconomics <i>(Prerequisite: 2103 or AGECE 1114)</i>	HIST 1103 Survey of American History 5hrs Foreign Language MICR 2123 Introduction to Microbiology <i>(Prerequisite: CHEM 1515 or 1225, or BIOL 1114)</i>
ANSI 2253 CHEM 1225	Meat Animal and Carcass Evaluation <i>(Prerequisite: ANSI 1124)</i> General Chemistry II <i>(Prerequisite: CHEM 1215 or 1314)</i>	MICR 2132 Introduction to Microbiology Lab <i>(Prerequisite: MICR 2123 or concurrent enrollment in 2123)</i> PLNT 1213 Introduction to Plant and Soil Systems
17 Hours		16 Hours

Fall		Third Year		Spring	
ACCT	2103	Humanities (lower division) Financial Accounting <i>(Prerequisite: 24 semester credit hours including ENGL 1113 & MATH 1483 or equivalent)</i>	ANSI 3903	3hrs	Humanities Ag Animals of the World Related Course*
AGEC	3323	Ag Marketing Sales <i>(Prerequisite: AGECE 1114, SPCH 2713, ENGL 1113)</i>	ANSI 3113	4hrs	Quality Control <i>(Prerequisite: MICR 2123, 2132, & CHEM 3015)</i>
FDSC	3154	Food Microbiology <i>(Prerequisite: MICR 2123 & CHEM 3015)</i>	STAT 2023	3hrs	Elementary Statistics for Bus & Econ <i>(Prerequisite: MATH 1483 or 1513)</i>
ANSI	3333	Meat Science <i>(Prerequisites: 2253 and CHEM 1215 or equivalent)</i>			
or	4333	Processed Meats <i>(Prerequisite: 3333 or 3033)</i>			
or	3603	Processing Dairy Foods <i>(Prerequisite: CHEM 3015)</i>			
16 Hours			16 Hours		
Work experience encouraged between junior and senior year.					

Fall		Fourth Year		Spring	
ENGL	3323	Electives (I Designation) Technical Writing <i>(Prerequisites: ENGL 1113, 1213, and junior standing)</i>	AGEC 3333	3hrs	Electives (I Designation) Elective
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>	ANSI 4863	4hrs	Ag Marketing & Price Analysis <i>(Prerequisite: 3213 or concurrent enrollment)</i>
or	BCOM 3113	Written Communications <i>(Prerequisite: 50 semester credit hours)</i>	FDSC 3763	3hrs	Capstone for Animal Agriculture <i>(Prerequisite: senior standing)</i> Analysis of Food Production <i>(CHEM 3015 or equivalent)</i>
LSB	3213	Legal & Regulatory Envir. of Bus <i>(Prerequisites: junior standing)</i>			
or	AGEC 4413	Agriculture Law <i>(Prerequisites: 3213, 3233, JB 3263 or AGCM 4113; Senior or graduate standing or consent of instructor)</i>			
LSB	4633	Legal Aspects of International Business <i>(Prerequisites: 3213 & 60 credit hours of coursework completed or 45 credit hours of coursework completed and a G.P.A of 3.25)</i>			
AGEC	4343	International Ag Markets, Trade and Development <i>(Prerequisite: 1114 & ECON 2103)</i>			
	3hrs	Related Course*			
18 Hours			16 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 style="text-align: center;">*Refer to Degree Sheet for Course Options</p> <p>*Many Foods Courses are taught in alternating years. Close coordination between the student and their adviser will be necessary to ensure that these courses can be scheduled.</p>
<p>Stay in Sequence...</p> <p>* ANSI courses taught only Fall Semesters: 3333 *FDSC 3113 Taught only on even years, spring semester only. * ANSI courses taught only spring Semesters: 4333 * FDSC 3763 Taught only on odd years spring semester only.</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. This plan is provided as a courtesy. The OFFICIAL degree requirements sheet is used to determine eligibility for graduation. May 2007</p>

Animal Science/International Alt. 1 (Production)

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

Fall			First Year			Spring		
ENGL	1113	Freshman Composition I	ENGL	1213	Freshman Composition II			
	or	1313			<i>(Prerequisite: ENGL 1113, 1123, or 1313)</i>			
		Critical Analysis and Writing I		or	1413	Critical Analysis and Writing II		
		<i>(Prerequisites: ENGL ACT score of 27 & 3.50 overall high school GPA; or consent of course director)</i>				<i>(Prerequisite: ENGL 1313, an "A" in ENGL 1113, or consent of course director)</i>		
POLS	1113	American Government	CHEM	1215	General Chemistry			
PLNT	1213	Introduction to Plant and Soil Systems			<i>(Prerequisite: MATH 0123 or high school equivalent)</i>			
ANSI	1124	Introduction to Animal Science	AGEC	1114	Introduction to Agriculture Economics			
AG	1011	Ag Orientation			<i>(Prerequisite: MATH 1483 or 1513)</i>			
ANSI	4900	Animal Science/Food Science Orientation	FDSC	1133	Fundamentals of Food Science			
15 Hours			15 Hours					

Fall			Second Year			Spring		
SPCH	2713	Introduction to Speech Communications		3hrs	Humanities (lower division)			
BIOL	1114	Introduction to Biology	ECON	2203	Introduction to Microeconomics			
MATH	1513	College Algebra			<i>(Prerequisite: 2103 or AGECE 1114)</i>			
		<i>(two years of high school algebra or intermediate algebra)</i>		5hrs	Foreign Language			
	or	1483		AGEC	3323	Ag Product Marketing and Sales		
		Mathematical Functions				<i>(Prerequisites: 1114, ENGL 1113, SPCH 2713)</i>		
		<i>(Prerequisite: intermediate algebra or placement into 1513)</i>		ANSI	3423	Animal Genetics		
HIST	1103	Survey of American History				<i>(Prerequisite: BIOL 1114)</i>		
	4hrs	Elective	17 Hours					
17 Hours			17 Hours					

Fall		Third Year		Spring	
ACCT	2103	3hrs Related Course* Financial Accounting <i>(Prerequisite: 24 semester credit hours including ENGL 1113 & MATH 1483 or equivalent)</i>	ANSI 3903	3hrs Humanities	Ag Animals of the World Related Course*
ANSI	3543	Principles of Animal Nutrition <i>(Prerequisite: CHEM 1215 or equivalent)</i>	ANSI 3653	6hrs Applied Animal Nutrition <i>(Prerequisite: 3543)</i>	
LSB	3213	Legal & Regulatory Evir. Of Bus. <i>(Prerequisite: junior standing)</i>	STAT 2023	Elementary Statistics Bus. & Econ <i>(Prerequisite: MATH 1513)</i>	
or					
AGEC	4413	Agriculture Law <i>(Prerequisite: 3213, 3233, JB 3263 or AGCM 4113; senior or graduate standing or consent of instructor)</i>			
15 Hours			18 Hours		

Work experience encouraged between your junior and senior year.

Fall		Fourth Year		Spring	
ENGL	3323	3hrs Electives (I Designation) Technical Writing <i>(Prerequisites: ENGL 1113, 1213, and junior standing)</i>	AGEC 3333	3hrs Electives (I Designation) 3hrs Related Course*	Ag Marketing & Price Analysis <i>(Prerequisite: 3213 or concurrent enrollment)</i>
or			ANSI 4863	3hrs Capstone for Animal Agriculture <i>(Prerequisite: senior standing)</i>	ANSI Core Course*
AGEC	3103	Communicating Ag to the Public <i>(Prerequisite: junior standing in the college of Ag Sci. & Nat Recourses or consent of the instructor)</i>			
or					
BCOM	3113	Written Communications <i>(Prerequisite: 50 semester credit hours)</i>			
ANSI	3443	Animal Reproduction <i>(Prerequisite: BIOL 1114)</i>			
LSB	4633	Legal Aspects of International Business <i>(Prerequisites: 3213 & 60 credit hours of coursework completed or 45 credit hours of coursework completed and a GPA of 3.25)</i>			
AGEC	4343	International Ag Markets, Trade and Dev. <i>(Prerequisite: 1114 & ECON 2103)</i>			
	3hrs	Related Course*			
18 Hours			15 Hours		

±Consult Advisor/Proposed Professional School Requirements

Graduation Requirements...

Total Credit Hours for Graduation: 130 minimum

40 upper-division hours required and 60 hours must be completed at a four year institution.

A 2.00 major GPA is required. This includes all courses in College/Departmental, Major Requirements and Controlled Electives.

One literature course required as lower-division humanities for most professional school admissions.

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.

Note: See OFFICIAL plan of study

***Refer to Degree Sheet for Course Options**

***Additional Core Courses - Upper Division**

Students pursuing a minor should consult their minor adviser when choosing classes in this section

Stay in Sequence...

* ANSI courses taught only Fall Semesters: 4023, 4553

* ANSI courses taught only spring Semesters: 4423, 4543, 4633

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