



**COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES**  
**OKLAHOMA STATE UNIVERSITY**

**General Requirements for Students Matriculating in Academic Year 2012-2013**

**BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES**

**MAJOR: Animal Science      OPTION: Animal Biotechnology**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 47 HOURS</b>		
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>
English Composition & Oral Communication	9	ENGL 1113 or 1313; 1213 or 1413; & 3323* (See Academic Regulation 3.5 in Catalog) (When ENGL 3323 is substituted for ENGL 1213, the hours in this block are 9.)
American History & Government	6	HIST 1103; POLS 1113
Analytical & Quantitative Thought (A)	6	MATH 1513*, 1613* (or 2103* or STAT 2013*)
Humanities (H)	6	Any course designated (H); must include one lower-division course.
Natural Sciences (N)	13	BIOL 1114*; CHEM 1215* (or 1314*), 1225* (or 1515*)
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*
Diversity (D)	--	Any course designated (D)
International Dimension (I)	--	ANSI 3903 (See "Controlled Electives") or any course designated (I)
Scientific Investigation (L)	--	Any course designated (L)
*College & Departmental requirements that may be used to meet GE requirements.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 32 HOURS</b>		
Agricultural Sciences and Natural Resources	4	AG 1011; PLNT 1213
Basic Animal Science Courses	7	ANSI 1124, 2253
Additional Requirements	21	BIOC 3653; MICR 2123 and 2132; PHYS 1014 or 1114; ZOOL 1604 or 3204; 5 hours organic chemistry

<b>MAJOR REQUIREMENTS: 41 HOURS</b>	
<b>Core Courses 27 Hours</b>	
ANSI	3423, 3443, 3543, 4843, 4863
ZOOL	4215 or MICR 3033
<u>9 hours from:</u> ANSI 3433, 3653 and 3 hours from: ANSI 4023, 4423, 4543, 4553, 4613, 4633, 4643, 4703, 4713 OR	
<u>9 hours from:</u> ANSI 4803; MICR 3253, 4233; ZOOL 4134, 4283	
<b>Related Courses 14 Hours</b>	
<u>Minimum of 7 upper division hours required:</u>	
ANSI	3903 or any course designated (I)
ANSI	3333, 4803, 4910 (1-12 hours)
MATH	2144, 2153, 2163
PHYS	1214
ANSI	
BIOC	
BIOL	
ENTO	
FDSC	
MICR	
STAT	
ZOOL	
No more than 3 hours from ANSI 4900.	

**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 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.

Signature on file in the Office of the Registrar

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DEAN

DEPARTMENT HEAD