



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

**General Requirements for Students Matriculating in Academic Year 2011-2012**

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

**MAJOR: Entomology      OPTION: Bioforensics, Pre-Veterinary & Pre-Medical Sciences**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 39 HOURS</b>		
Area	Hours	To be selected from:
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 (See Academic Regulation 3.5 in Catalog)
American History & Government	6	HIST 1103 or 1483 or 1493; POLS 1113
Analytical & Quantitative Thought (A)	6	MATH 1613* or higher; STAT 2013*
Humanities (H)	6	Any course designated (H); must include one lower-division course.
Natural Sciences (N)	8	BIOL 1114*; CHEM 1314* (or 1215*)
Social & Behavioral Sciences (S)	7	AGEC 1114*; SPCH 2713*
Diversity (D)	--	Any course designated (D)
International Dimension (I)	--	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: 10 HOURS</b>		
Agricultural Sciences and Natural Resources	4	AG 1011; <u>One course from:</u> ANSI 1124; BIOC 2344; ENVR 1113; FDSC 1133; HORT 1013; LA 1013; NREM 1014, 1114, 2013, 3343; PLNT 1213, SOIL 2124
Entomology Courses	3	ENTO 2993
Written Communication	3	ENGL 3323* (If ENGL 3323 is substituted for ENGL 1213 above then hours in this block are free electives)

<b>MAJOR REQUIREMENTS: 71 HOURS</b>	
<b>Core Courses 8 Hours:</b> ENTO 3044, 4464 or 4854	
<b>Additional Entomology 9 hours</b>	ENTO 4800 (3 hrs) and Any Entomology entomology or plant pathology course not taken as a core course
<b>Related Courses 54 Hours</b>	
Biology 4 hours from:	BOT 1404 or <b>ZOOL 1604</b>
Genetics 3 hours from:	BIOL 3023; PLNT 3554; ANSI 3423
Chemistry 8 hours from:	CHEM 1225* (or <b>1515*</b> ); BIOC 2344 or CHEM 3015 or <b>CHEM 3053</b>
Additional Natural Resources or Biological Sciences 23 hours from:	ANSI 3523, <b>3543</b> (vet); BIOC 2344, 3653, 4224; BIOL 3034; ENVR 4573; NREM 2013, 3063, 3112, 3213, 3343, 3513, 3613, 4213; PLNT 2013, 3111, 3112, 4113, 4123, 4353; <b>MICR 2123 &amp; 2132, 3033</b> , 4123, 4133, 4134, 4203, 4214, 4233, 4253, 4263, 4323; <b>ZOOL 1604, 3204, 3114</b> , 4103, 4113, 4134, 4174, 4213, 4215, 4273, 4293, 4303; OR other upper-level natural science courses not taken for credit in other categories.
Additional Math & Science 16 hours from:	<b>MATH 2103, 2144</b> , 2153; <b>CHEM 3153 &amp; 3112</b> ; PHYS 1014, <b>1114, 1214</b> ; STAT 4013, 4023; ZOOL 4133
<b>BOLD</b> courses are recommended for Pre-Health majors.	
<b>ELECTIVES: 0 HOURS</b>	

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