



**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: Plant and Soil Sciences      Option: Bioenergy Production**

**Minimum Overall Grade Point Average: 2.00**  
**(cumulative graduation/retention GPA)**

**Total Hours: 125**

*Other GPA requirements see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 39 HOURS</b>		
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>
English Composition & Oral Communication	6	ENGL 1113 or 1313; & 1213 or 1413 or 3323 (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 2103*, 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)	--	Met by either BIOL 1114 or CHEM 1314
*College & Departmental requirements that may be used to meet GE requirements.		
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 10 HOURS</b>		
Agricultural Sciences and Natural Resources	7	AG 1011; ANSI 1124 or NREM 2013; GEOG 2343
Written Communications	3	ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, hours in this block are zero, and 3 hours are added to the electives)

<b>MAJOR REQUIREMENTS: 76 HOURS</b>	
<b>Core Courses 51 Hours</b>	
AGEC	3323
BOT	1404, 3463
BIOC	2344 or CHEM 3015
CHEM	1515 (or 1225)
ENTO	2993, 3331; (or PLP 3343)
GEOG	1114 or PHYS 1014 or GEOG 3023
PLNT	1101, 1213, 2013, 2041, 4571, 6 hours from 4080 or 4990
MCAG	1413 or 4203 or ENVR 4112
SOIL	2124, 4234
<b>Choose one emphasis area 25 Hours</b>	
<b>Alternative 1</b>	<u>13 hours from PLNT:</u> 3113, 3554, 3782, 3790 (2), 4113, 4353, 4573, 4613, 4673, 4783
	<u>12 hours from SOIL:</u> 3433, 3883, 4210, 4213, 4463, 4483, 4563, 4683, 4893, 4913
<b>Alternative 2 (Entomology Minor):</b>	ENTO 3021, 3421, 3663, 3644 and 3044 (or 4464 or 4484)
	<u>7 hours from PLNT:</u> 3113, 3554, 3782, 3790 (2), 4113, 4123, 4353, 4573, 4613, 4673, 4783
	<u>7 hours from SOIL:</u> 3433, 4210, 4213, 4463, 4483, 4563, 4683, 4893, 4913
<b>Alternative 3 (Pest Management Minor):</b>	ENTO 2993 and/or PLP 3343
	ENTO 3021, 3421, (or ENTO 3003, 3331, 3461, 4923; PLP 3663)
	PLNT 3113
	At least five hours from : ENTO 3003, 3021, 3331, 3421, 3461, 4223, 4464; PLP 3343, 3663; ENTO/PLP 2143, 4923; NREM 3613, 4033
	6 hours from: PLNT 3554, 3790, 4123, 4353, 4573, 4613, 4673, 4783
	6 hours from: SOIL 3433, 4210, 4213, 4463, 4483, 4563, 4683, 4893, 4913
<b>ELECTIVES: 0 HOURS</b>	
Hours to complete required total.	

Other Requirements:

A minimum of 40 semester credit hours of General Education is required. Exit interview with Head of Department of Plant and Soil Sciences. 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. No more than 62 hours may be transferred from a two-year program.

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