



# COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES

OKLAHOMA STATE UNIVERSITY

Requirements for Students **Matriculating** in or before Academic Year 2017-2018

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

**MAJOR: Entomology**

**OPTION: Insect Biology and Ecology**

**Minimum Overall Grade Point Average: 2.00**

**Total Hours: 120**

**(cumulative graduation/retention GPA)**

*Other GPA requirements, see below.*

<b>GENERAL EDUCATION REQUIREMENTS: 40 HOURS</b>			<b>MAJOR REQUIREMENTS: 61 HOURS</b>
<b>Area</b>	<b>Hours</b>	<b>To be selected from:</b>	<p><b>Core Courses: 8 hours from:</b> ENTO 3044, 4464 or 4854</p> <p><b>Additional Entomology: 15 hours</b> ENTO 4800 (3 hrs) and any entomology or plant pathology course not taken as a core course.</p> <p><b>Related Courses: 38 hours</b></p> <p><b>Genetics - 3 hours from:</b> BIOL 3023; PLNT 3554; ANSI 3423</p> <p><b>Ecology - 3 hours from:</b> BIOL 3034; NREM 4033; MICR 4214</p> <p><b>Chemistry - 8 hours from:</b> CHEM 1225* (or 1515*); BIOC 3653 or (CHEM 3015, or 3053)</p> <p><b>Additional Natural Resources or Biological Sciences – 12 hours from:</b> BIOC 2344, 3653; BOT 1404, 3463; BIOL 1604; HORT 3153, 3084; NREM 2013, 3063, 3101, 3213, 3343, 3513, 3613, 4213; PLNT 2013, 3554, 4113, 4123, 4353; PLP 3343; MICR 2123 &amp; 2132; SOIL 4213, 4363, 4893; BIOL 1604, 3104, 4104, 4133 <b>OR</b> other upper level natural science courses not taken for credit in other categories.</p> <p><b>Additional Math and Science – 12 hours from:</b> MATH 2103, 2144, 2153; CHEM 3153 &amp; 3112; PHYS 1114, 1214; STAT 2331, 4013, 4023, 4043; BIOL 4133 <b>OR</b> other math and science courses not taken for credit in other categories.</p> <p><b>Foreign Language:</b> Up to 10 credit hours of upper division foreign language may be substituted for Additional Natural Resources or Biological Sciences</p> <p>With approval from the adviser and the department head, a maximum of 30 hours of science courses from an accredited doctoral health program may be substituted for major requirements other than the ENTO core courses of eight hours above.</p> <p><b>Electives: 0 hours</b> (or hours to complete required total for degree)</p>
English Composition	6	ENGL 1113 (or 1313) and ENGL 1213 (or 1413 or 3323) (See Academic Regulation 3.5 in Catalog)	
American History & Government	6	HIST 1103 (or 1483 or 1493) and POLS 1113	
Analytical & Quantitative Thought (A)	3	MATH 1513* or 1613* or 2103*	
Humanities (H)	6	Courses designated (H)	
Natural Sciences (N) Must include one Laboratory Science (L) course.	8	BIOL 1114* and CHEM 1314*	
Social & Behavioral Sciences (S)	3	Course designated (S)	
Additional General Education	8	Courses designated A, H, N, or S	
<p><b>DIVERSITY(D) &amp; INTERNATIONAL DIMENSION(I)</b> May be completed in any part of the degree plan. At least one Diversity (D) course At least one International Dimension (I) course</p>			
*College & Departmental requirements that may be used to meet GE requirements.			
<b>COLLEGE/DEPARTMENTAL REQUIREMENTS: 19 HOURS</b>			
Agricultural Sciences and Natural Resources	13	AG 1011; AGEC 1113; ENTO 2993; STAT 2013	
Course cannot be used here and as an (N)		One course from: ANSI 1124; BIOC 2344; ENVR 1113; FDSC 1133; HORT 1013; LA 1013; NREM 1014, 1113, 2013, 3343; PLNT 1213; SOIL 2124	
Written and Oral Communications	6	AGCM 3103 (or BCOM 3113 or BCOM 3443 or ENGL 3323) (If ENGL 3323 is substituted for ENGL 1213 above; hours in this block are reduced by 3.) AGCM 3203 or SPCH 2713 or 3733. (If used as (S) course above, hours in this block reduced by 3.)	
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.			
Additional State/OSU Requirements – At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU. Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence 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. Degrees that follow this plan must be completed by the end of Summer 2023.			

Signature on file in the Office of the Registrar

Signature on file in the Office of the Registrar

DEAN

DEPARTMENT HEAD