

**Entomology**<https://ag.purdue.edu/oap/Pages/major.aspx>

120 credits required for graduation

Credits	Course number	Course Title
<b>Departmental/Program Major Courses (106 credits)</b>		
<b>Required Major Courses (18 credits)</b>		
2	ENTM 20600	General Entomology
1	ENTM 20700	General Entomology Laboratory
3	ENTM 21000	Insect Behavior
4	ENTM 33500	Introduction to Insect Identification
3	ENTM 31100	Insect Ecology
1	ENTM 49200	Capstone Experience Entomology I
1	ENTM 49300	Capstone Experience in Entomology II
3	ENTM 55100	Insect Biochemistry & Physiology
<b>Major Selectives (6 credits) (See Advising Resources)</b>		
3	-----	ENTM Selective
3	-----	ENTM Selective
<b>Other Departmental /Program Course Requirements (82 credits) (See Advising Resources)</b>		
0.5	AGR 10100	Introduction to the College of Agriculture and Purdue University
0.5	AGR 11700	Introduction to Entomology Programs
3	AGRY 32000	Genetics
1	AGRY 32100	Genetics Laboratory
3	BCHM 30700	Biochemistry
1	BCHM 30900	Biochemistry Lab
3	CHM 11100	General Chemistry (satisfies Science #1 for core)
3	CHM 11200	General Chemistry (satisfies Science #2 for core)
4	CHM 25700	Organic Chemistry
	FNR 10300 or	
3	NRES 29000	Introduction to Environmental Conservation or Introduction to Environmental Science
3	PHYS 21400	The Nature of Physics
3	STAT 30100	Elementary Statistical Methods
4	-----	<u>Biological Science Selective</u>
4	-----	<u>Biological Science Selective</u>
3	-----	<u>Calculus Selective (satisfies Quantitative Reasoning for core)</u>
3	-----	<u>Philosophy, Logic or Critical Thinking Selective</u>
3	-----	<u>Insect Pest Management Selective</u>
12	-----	<u>Interdisciplinary Science Selectives</u>
3	-----	<u>Economics Selective (satisfies Human Culture Behavioral/Social Science for core)</u>
3	-----	<u>UCC Humanities Selective (satisfies Human Cultures Humanities for core)</u>
3	-----	<u>Humanities or Social Science Selective</u>
3	-----	<u>Humanities or Social Science Selective</u>
3	-----	<u>Humanities or Social Science Selective (30000+ level)</u>
		First-Year Composition (satisfies Written Communication for core) (satisfies Information
4	ENGL 10600	Literacy for core)
	COM 11400 or	Fundamentals of Speech Communication or Science Writing and Presentation (satisfies
3	COM 21700	Oral Communication for core)
3	-----	<u>Written or Oral Communication Selective</u>
<b>Electives (14 credits)</b>		
14	-----	Electives

**University Core Requirements:**

Human Cultures Humanities: \_\_\_\_\_

Human Cultures Behavioral/Social Science: \_\_\_\_\_

Information Literacy: \_\_\_\_\_

Science #1: \_\_\_\_\_

Science, Technology, and Society: \_\_\_\_\_

Written Communication: \_\_\_\_\_

Oral Communication: \_\_\_\_\_

Quantitative Reasoning: \_\_\_\_\_

120 semester credits required for Bachelor of Science degree.

2.0 GPA required for Bachelor of Science degree.

**College of Agriculture & University Level Requirements:**

2.0 GPA required for Bachelor of Science degree.

32 Upper division credits taken from Purdue

9 credits International Understanding: \_\_\_\_\_

3 credits Multicultural Awareness: \_\_\_\_\_

9 credits of Hum and/or Social Sciences outside the College of Agriculture: \_\_\_\_\_

# Entomology

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Credits	Course number	Course Title	Prerequisites	Credits	Course number	Course Title	Prerequisites
<b>Fall 1st Year</b>				<b>Spring 1st Year</b>			
0.5	AGR 10100	Introduction to the College of Agriculture and Purdue University		3	CHM 11200	General Chemistry II	CHM 11100
0.5	AGR 11700	Introduction to Entomology		4	ENGL 10600	First-Year Composition	
3	CHM 11100	General Chemistry		3	ENTM 21000	Insect Behavior	
3	COM 11400 or COM 21700	Fundamentals of Speech or Scientific Communication		4	-----	Biological Science Selective	
2	ENTM 20600	General Entomology					
1	ENTM 20700	General Entomology Lab	pre/co: ENTM 20600				
3	-----	Interdisciplinary Science Selective					
3	-----	Calculus Selective					
<b>16</b>				<b>14</b>			
<b>Fall 2nd Year</b>				<b>Spring 2nd Year</b>			
3	ENTM 33500	Introduction to Insect Identification	ENTM 20700	4	CHM 25700	Organic Chemistry	CHM 11200
4	-----	Biological Sciences Selective		3	ENTM 31100	Insect Ecology	
4	-----	Entomology Selective		3	PHYS 21400	The Nature of Physics	
3	-----	UCC Humanities Selective		3	-----	Economics Selective	
				3	FNR 10300 or NRES 29000	Introduction to Environmental Conservation or Introduction to Environmental Science	
<b>14</b>				<b>16</b>			
<b>Fall 3rd Year</b>				<b>Spring 3rd Year</b>			
3	BCHM 30700	Biochemistry	CHM 25700	3	AGRY 32000	Genetics	BIOL 11000
1	BCHM 30900	Biochemistry lab	CHM 25700	1	AGRY 32100	Genetics lab	
1	ENTM 49200	Capstone Experience Entomology I		3	-----	Interdisciplinary Science Selective	
3	STAT 30100	Elementary Statistical Methods		3	ENTM 55100	Insect Biochemistry & Physiology	
3	-----	Insect Pest Management Selective		3	-----	Humanities or Social Science Selective	
3	-----	Elective		3	-----	Elective	
<b>14</b>				<b>16</b>			
<b>Fall 4th Year</b>				<b>Spring 4th Year</b>			
3	-----	Entomology Selective		1	ENTM 49300	Capstone Experience in Entomology II	ENTM 49200
3	-----	Humanities or Social Science Selective		3	-----	Humanities or Social Science Selective (30000+ level)	
3	-----	Interdisciplinary Science Selective		3	-----	Interdisciplinary Science Selective	
3	-----	Written or Oral Communication Selective		3	-----	Philosophy, Logic or Critical Thinking Selective	
3	-----	Elective		5	-----	Electives	
<b>15</b>				<b>15</b>			

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The highlighted course is considered critical; timely progress toward the degree depends upon steady progress through each course in the plan of study, but this course, in particular, should be completed by the semester indicated.

Consultation with an advisor may result in an altered plan customized for an individual student.