All students must complete two Global Issues courses in the GE (▲). All students must complete a Social Diversity requirement in the GE, which can be done by completing Rural Sociology 1500 or Sociology 1101.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
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<tbody>
<tr>
<td>B.S. in Agriculture Entomology</td>
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<td>Effective Autumn 2016</td>
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**Major Requirements**

**Entomology core required courses:**
- ENTMLGY 4000 (3000) General Entomology 3
- ENTMLGY 5601 or Current Topics in Entomology, Science & Society 3
- ENTMLGY 5604 Capstone Problem-Based Studies in Plant Health 2-3

**Required courses from Other Departments**
- EEOB 3410 Ecology 4
- MATH 1151 Calculus I 5
- MOLGEN 4500 General Genetics 3

**Required electives, select one applied course from the following**
- ENTMLGY 4601 General Insect Pest Management 2
- ENTMLGY 4602 Urban Landscape and Greenhouse Entomology 2
- ENTMLGY 4603 Agricultural Entomology 2
- ENTMLGY 4606 Introduction to Forensic Entomology 2
- ENTMLGY 4607 Veterinary Entomology 2
- ENTMLGY 5110 Ecology and Management of Pathogens and Insects Affecting Trees in Forest and Urban Environments 3

**Required electives, select a minimum of 9 credit hours from the list below or additional options from the list above**
- ENTMLGY 3330 or 4440H Social Insects / Honors Social Insects 3
- ENTMLGY 4999 or 4999H Research with Distinction / Honors Research with Distinction 1-6
- ENTMLGY 5120 Field Insect Taxonomy 3
- ENTMLGY 5420 Insect Behavior: Mechanisms and Function 3
- ENTMLGY 5500 Biological Control of Arthropod Pests 3
- ENTMLGY 5600 Principles and Applications of Integrated Pest Management 3
- ENTMLGY 5623 Insect Morphology 2
- ENTMLGY 5797 Emerging Arthropods, Pathogens, and Challenges in Vector Biology 3
- ENTMLGY 5800 Pesticide Science 3
- ENTMLGY 6310 Insect Physiology and Molecular Biology 3
- ENTMLGY 6410 Insect Ecology and Evolutionary Processes 3
- ENTMLGY 6701 Biodiversity Analysis for Ecosystems Sustainability and Resilience 3

**Electives related to the major**
- Additional Entomology courses at the 6000 level or above OR upper level courses in Evolution, Ecology, and Organismal Biology; Organic Chemistry; Molecular Genetics; Plant Cellular and Molecular Biology; Plant Pathology; Microbiology; Horticulture and Crop Science; Environmental and Natural Resources; and similar fields as chosen in consultation with the adviser.

**TOTAL CREDIT HOURS:**
- 121