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>Requirement</th>
<th>Course Code</th>
<th>Description</th>
<th>Credits</th>
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<tbody>
<tr>
<td>FAES 1100 and ENTM LGY 1100</td>
<td>Writing Level 1 (English 1110)</td>
<td>General Entomology</td>
<td>3</td>
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<tr>
<td></td>
<td>Writing Level 2 (2367)</td>
<td>Social Science 1 (RURLSOC 1500 or SOCIOL 1101)</td>
<td>3</td>
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<td>Agr Comm 3120 or Comm 2110</td>
<td>Social Science 2 (AEDECON 2001 or ECON 2001)</td>
<td>3</td>
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<td>MATH 1150</td>
<td>Historical Study (See Approved CFAES GE List)</td>
<td>3</td>
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<td>Data Analysis 1 (COM 3537, AEDE 2005, HCS 2260, ENR 2000, Stat 1450)</td>
<td>Culture &amp; Ideas or Historical Study (See Approved CFAES GE List)</td>
<td>3</td>
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<td>Biology 1114 and 1114</td>
<td>Literature (See Approved CFAES GE List)</td>
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<td></td>
<td>Chem 1210 and 1220</td>
<td>Art (See Approved CFAES GE List)</td>
<td>3</td>
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**Major Requirements**

**Entomology core required courses:**

- ENTM LGY 4000 General Entomology
- ENTM LGY 5604 Capstone Course: Problem-Based Studies in Plant Health

**Required course in applied entomology, select one course from the following:**

- ENTM LGY 4601 General Insect Pest Management
- ENTM LGY 4607 Veterinary Entomology
- ENTM LGY 5110* Ecology and Management of Pathogens and Insects Affecting Trees in Forest and Urban Environments
- ENTM LGY 5608 Turfgrass Insect and Mite Pests – Identification, Biology, and Management

**Entomology electives, select a minimum of 12 credit hours of which at least 9 credits are at the 3000 level or higher, from the list below, or additional options from the list of applied entomology courses above:**

- ENTM LGY 2101 Insects and Human Affairs: Pests, Plagues, Poisons, and Politics
- ENTM LGY 2200 Beekeeping
- ENTM LGY 3330 or 4440H Social Insects / Honors Social Insects
- ENTM LGY 4999 or 4999H Research with Distinction / Honors Research with Distinction [limit 3 credit towards the major]
- ENTM LGY 5001† Entomological and Environmental Approaches to Fly Fishing
- ENTM LGY 5350.01 Taxonomy and Behavior of Aquatic Invertebrates
- ENTM LGY 5420* Insect Behavior: Mechanisms and Function
- ENTM LGY 5500 Biological Control of Arthropod Pests
- ENTM LGY 5600 Principles and Applications of Integrated Pest Management
- ENTM LGY 5800 Pesticide Science

* offered once every 2 years
† only offered at the Wooster location

**Electives related to the major, select a minimum of 16 credit hours, as chosen in consultation with the advisor, such as:**

- CHEM 2510 Organic Chemistry I, 4 credits
- CHEM 2520 Organic Chemistry II, 4 credits
- CHEM 2540 Organic Chemistry Lab I, 2 credits
- CHEM 2550 Organic Chemistry Lab II, 2 credits
- BIOCHEM 4511 Introduction to Biological Chemistry, 4 credits
- MOLGEN 3436 Introductory Plant Physiology, 3 credits
- MOLGEN 4700 Molecular Cell and Developmental Biology, 3 credits

For students in the Applied Pest Management track:

- CHEM 2310 Introductory Organic Chemistry, 4 credits
- HCS 5422 Biology and Management of Weeds and Invasive Plants, 3 credits
- PLNTPATH 3001 General Plant Pathology Lecture, 3 credits
- PLNTPTH 3002 General Plant Pathology Lab, 2 credits
- ENR 3000 Soil Science, 3 credits
- ENR 5279 Soil Fertility, 3 credits

**Required supplemental courses (Minor Equivalent)**

- MATH 1151 Calculus 1
- EEOB 3410 Ecology
- MOLGEN 4500 General Genetics