ENTOMOLOGY, PH.D.

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS
Review the Graduate School minimum academic progress and degree requirements (http://guide.wisc.edu/graduate/#policiesandrequirementstext), in addition to the program requirements listed below.

MAJOR REQUIREMENTS

MODE OF INSTRUCTION

<table>
<thead>
<tr>
<th>Mode of Instruction</th>
<th>Face to Face</th>
<th>Evening/Weekend</th>
<th>Online</th>
<th>Hybrid</th>
<th>Accelerated</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

Mode of Instruction Definitions

**Accelerated:** Accelerated programs are offered at a fast pace that condenses the time to completion. Students typically take enough credits aimed at completing the program in a year or two.

**Evening/Weekend:** Courses meet on the UW–Madison campus only in evenings and/or on weekends to accommodate typical business schedules. Students have the advantages of face-to-face courses with the flexibility to keep work and other life commitments.

**Face-to-Face:** Courses typically meet during weekdays on the UW-Madison Campus.

**Hybrid:** These programs combine face-to-face and online learning formats. Contact the program for more specific information.

**Online:** These programs are offered 100% online. Some programs may require an on-campus orientation or residency experience, but the courses will be facilitated in an online format.

CURRICULAR REQUIREMENTS

<table>
<thead>
<tr>
<th>Requirement/Detail</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Credit Requirement</td>
<td>51 credits</td>
</tr>
<tr>
<td>Minimum Residence Credit Requirement</td>
<td>32 credits</td>
</tr>
<tr>
<td>Minimum Graduate Coursework Requirement</td>
<td>26 credits must be graduate-level coursework. Details can be found in the Graduate School's Minimum Graduate Coursework (50%) policy (<a href="https://policy.wisc.edu/library/UW-1244">https://policy.wisc.edu/library/UW-1244</a> (<a href="https://policy.wisc.edu/library/UW-1244/">https://policy.wisc.edu/library/UW-1244/</a>)).</td>
</tr>
<tr>
<td>Overall GPA Requirement</td>
<td>3.00 GPA required.</td>
</tr>
<tr>
<td>Graduate GPA Requirement</td>
<td>This program follows the Graduate School's policy: <a href="https://policy.wisc.edu/library/UW-1203">https://policy.wisc.edu/library/UW-1203</a> (<a href="https://policy.wisc.edu/library/UW-1203/">https://policy.wisc.edu/library/UW-1203/</a>).</td>
</tr>
<tr>
<td>Other Grade Requirements</td>
<td>n/a</td>
</tr>
</tbody>
</table>

Assessments and Examinations

Doctoral students are required to take a comprehensive preliminary/oral examination after they have cleared their record of all Incomplete and Progress grades (other than research and thesis). Deposit of the doctoral dissertation in the Graduate School is required.

Language Requirements

None.

Breadth Requirement

All doctoral students are required to complete a doctoral minor or Graduate/Professional certificate.

REQUIRED COURSES

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENTOM/ZOOLOGY 302</td>
<td>Introduction to Entomology</td>
<td>4</td>
</tr>
</tbody>
</table>

Must take at least 3 credits from each of the 3 categories below, plus one additional course for a total of 4 courses.

<table>
<thead>
<tr>
<th>Organismal</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ENTOM 331</td>
<td>Taxonomy of Mature Insects</td>
</tr>
<tr>
<td>ENTOM 432</td>
<td>Taxonomy and Bionomics of Immature Insects</td>
</tr>
<tr>
<td>ENTOM 450</td>
<td>Basic and Applied Insect Ecology</td>
</tr>
<tr>
<td>ENTOM 451</td>
<td>Basic and Applied Insect Ecology Laboratory</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plant-Insect Interactions</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENTOM/BOTANY/ZOOLOGY 473</td>
</tr>
<tr>
<td>Ecotoxicology: The Chemical Players</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ecotoxicology: Impacts on Individuals</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENTOM/AGRONOMY/F&amp;W ECOL/M&amp;ENVTOX 632</td>
</tr>
<tr>
<td>Ecotoxicology: Impacts on Populations, Communities and Ecosystems</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ecotoxicology: Impacts on Populations, Communities and Ecosystems</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENTOM/AGRONOMY/F&amp;W ECOL/M&amp;ENVTOX 634</td>
</tr>
<tr>
<td>Ecotoxicology: Impacts on Populations, Communities and Ecosystems</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Advanced Taxonomy</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENTOM 701</td>
</tr>
<tr>
<td>Plant-Microbe Interactions: Molecular and Ecological Aspects</td>
</tr>
<tr>
<td>ENTOM/BOTANY/PL PATH 505</td>
</tr>
<tr>
<td>Molecular Ecology</td>
</tr>
<tr>
<td>ENTOM/GENETICS/ZOOLOGY 624</td>
</tr>
<tr>
<td>Parasitology</td>
</tr>
<tr>
<td>ENTOM/M M &amp; I/PATH-BIO/ZOOLOGY 350</td>
</tr>
<tr>
<td>Medical Entomology</td>
</tr>
<tr>
<td>ENTOM 450</td>
</tr>
<tr>
<td>Basic and Applied Insect Ecology</td>
</tr>
<tr>
<td>ENTOM 451</td>
</tr>
<tr>
<td>Basic and Applied Insect Ecology Laboratory</td>
</tr>
</tbody>
</table>
### Seminars

Students should select seminars in consultation with their advisor, which may include seminars from outside departments.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENTOM 601</td>
<td>Seminar in Methods of Scientific Oral Presentations</td>
</tr>
<tr>
<td>ENTOM 801</td>
<td>Colloquium</td>
</tr>
<tr>
<td>ENTOM 875</td>
<td>Special Topics</td>
</tr>
<tr>
<td>ENTOM 901</td>
<td>Seminar in Organismal Entomology(^1)</td>
</tr>
</tbody>
</table>

### Additional Credits

Students must take additional credits, in consultation with their advisor, to reach a total of 51 credits. This may include ENTOM 990.

1

Students must take 2 instances of ENTOM 901.