

# ENTOMOLOGY, PHD

## 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

| Face to Face | Evening/<br>Weekend | Online | Hybrid | Accelerated |
|--------------|---------------------|--------|--------|-------------|
| Yes          | No                  | No     | No     | No          |

#### 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

#### Requirement Detail

|   |  |
|---|--|
| Minimum Credit Requirement              | 51 credits   |
| Minimum Residence Credit Requirement    | 32 credits   |
| Minimum Graduate Coursework Requirement | 26 credits must be graduate-level coursework. Refer to the Graduate School: Minimum Graduate Coursework (50%) Requirement 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> ). |
| Overall Graduate GPA Requirement        | 3.00 GPA required. Refer to the Graduate School: Grade Point Average (GPA) Requirement 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> ).                                    |
| Other Grade Requirements                | n/a  |

**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.

**Graduate School Breadth Requirement** All doctoral students are required to complete a doctoral minor or graduate/professional certificate. Refer to the Graduate School: Breadth Requirement in Doctoral Training policy: <https://policy.wisc.edu/library/UW-1200> (<https://policy.wisc.edu/library/UW-1200/>).

### REQUIRED COURSES

| Code  | Title   | Credits |
|---|---|---------|
| <b>Core Courses</b>   |   |         |
| ENTOM/<br>ZOOLOGY 302   | Introduction to Entomology  | 4       |
| <i>Must take at least 3 credits from each of the 3 categories below, plus one additional course for a total of 4 courses.</i> |   | 10      |
| <i>Organismal</i>   |   |         |
| ENTOM 331   | Taxonomy of Mature Insects  |         |
| ENTOM 432   | Taxonomy and Bionomics of Immature Insects                        |         |
| ENTOM 450   | Basic and Applied Insect Ecology <sup>1</sup>                     |         |
| ENTOM 451   | Basic and Applied Insect Ecology Laboratory                       |         |
| ENTOM/<br>BOTANY/<br>ZOOLOGY 473  | Plant-Insect Interactions   |         |
| ENTOM/<br>AGRONOMY/<br>F&W ECOL/<br>M&ENVTOX 632  | Ecotoxicology: The Chemical Players                               |         |
| ENTOM/<br>AGRONOMY/<br>F&W ECOL/<br>M&ENVTOX 633  | Ecotoxicology: Impacts on Individuals                             |         |
| ENTOM/<br>AGRONOMY/<br>F&W ECOL/<br>M&ENVTOX 634  | Ecotoxicology: Impacts on Populations, Communities and Ecosystems |         |
| ENTOM 701   | Advanced Taxonomy   |         |
| <i>Sub-organismal</i>   |   |         |
| ENTOM 321   | Physiology of Insects   |         |
| ENTOM/<br>BOTANY/<br>PL PATH 505  | Plant-Microbe Interactions: Molecular and Ecological Aspects      |         |
| ENTOM/<br>GENETICS/<br>ZOOLOGY 624  | Molecular Ecology   |         |
| <i>Applied</i>  |   |         |
| ENTOM/M M & I/<br>PATH-BIO/<br>ZOOLOGY 350  | Parasitology  |         |
| ENTOM/<br>ZOOLOGY 371   | Medical Entomology  |         |

|  |   |           |
|--|---|-----------|
| ENTOM 450  | Basic and Applied Insect Ecology                    |           |
| ENTOM 451  | Basic and Applied Insect Ecology Laboratory         |           |
| <b>Seminars</b>  |   | <b>2</b>  |
| Students should select seminars in consultation with their advisor, which may include seminars from outside departments..              |   |           |
| ENTOM 601  | Seminar in Methods of Scientific Oral Presentations |           |
| ENTOM 801  | Colloquium  |           |
| ENTOM 875  | Special Topics                                      |           |
| ENTOM 901  | Seminar in Organismal Entomology <sup>1</sup>       |           |
| <b>Additional Credits</b>  |   | <b>35</b> |
| Students must take additional credits, in consultation with their advisor, to reach a total of 51 credits. This may include ENTOM 990. |   |           |
| <b>Total Credits</b>   |   | <b>51</b> |

<sup>1</sup> Students must take 2 instances of ENTOM 901.