

# ENTOMOLOGY, MS

## REQUIREMENTS

### MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum degree requirements (<https://guide.wisc.edu/graduate/#requirements>) and policies (<https://guide.wisc.edu/graduate/#policies>), in addition to the program requirements listed below.

### MAJOR REQUIREMENTS

#### MODE OF INSTRUCTION

Face to Face	Evening/ 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 30 credits

Minimum Residence Credit Requirement 16 credits

Minimum Graduate Coursework Requirement 15 credits must be graduate-level coursework. Refer to the Graduate School: Minimum Graduate Coursework Requirement (50%) Requirement policy: <https://policy.wisc.edu/library/UW-1244> (<https://policy.wisc.edu/library/UW-1244/>).

Overall Graduate GPA Requirement 3.00 GPA required. Refer to the Graduate School: Grade Point Average (GPA) Requirement policy: <https://policy.wisc.edu/library/UW-1203> (<https://policy.wisc.edu/library/UW-1203/>).

Other Grade Requirements n/a

Assessments and Examinations Students are required to hold a coursework certification meeting, submit certification paperwork, and hold a final defense exam.

Language Requirements None.

### REQUIRED COURSES

Code	Title	Credits
<b>Core Course</b>		
ENTOM/ ZOOLOGY 302	Introduction to Entomology	4

#### Core Categories

Students must complete a total of 2 courses for a minimum of 6 credits. The courses must be from different categories. 6-8

#### Organismal

ENTOM 331	Taxonomy of Mature Insects
ENTOM 432	Taxonomy and Bionomics of Immature Insects
ENTOM 450	Basic and Applied Insect Ecology
ENTOM/ BOTANY/ ZOOLOGY 473	Plant-Insect Interactions
ENTOM 490	Biodiversity and Global Change
ENTOM 701	Advanced Taxonomy

#### Sub-organismal

ENTOM 321	Physiology of Insects
ENTOM/ BOTANY/ PL PATH 505	Plant-Microbe Interactions: Molecular and Ecological Aspects
ENTOM/ GENETICS/ ZOOLOGY 624	Molecular Ecology

#### Applied

ENTOM/M M & I/ PATH-BIO/ ZOOLOGY 350	Parasitology
ENTOM 351	Principles of Economic Entomology
ENTOM/ ZOOLOGY 371	Medical Entomology: Biology of Vector and Vector-borne Diseases
ENTOM 450	Basic and Applied Insect Ecology
ENTOM 490	Biodiversity and Global Change

#### Seminars

Students should select seminars in consultation with their advisor, which may include seminars from outside departments. 2

ENTOM 801	Colloquium
ENTOM/ BOTANY/ F&W ECOL/ ZOOLOGY 821	Foundations of Ecology
ENTOM 901 or ENTOM 875	Seminar in Organismal Entomology Special Topics

#### Additional Credits

Students must take additional credits, in consultation with their advisor, to reach a total of 30 credits. This may include ENTOM 990. 16-18

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**Total Credits** **30**