

# ENTOMOLOGY, M.S.

## REQUIREMENTS

### MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum academic progress and degree requirements (<http://guide.wisc.edu/graduate/#policiesandrequirements>), 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. 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> ).
Overall Graduate GPA Requirement	3.00 GPA required. 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> ).
Other Grade Requirements	n/a

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

**Language Requirements** None.

### REQUIRED COURSES

Code	Title	Credits
<b>Core Courses</b>		
ENTOM/ ZOOLOGY 302	Introduction to Entomology	4
<i>Must take at least 2 courses from 2 of the categories below.</i>		
Organismal		
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/ BOTANY/ ZOOLOGY 473	Plant-Insect Interactions	
ENTOM/ AGRONOMY/ F&W ECOL/ M&ENVTOX 632	Ecotoxicology: The Chemical Players	
ENTOM/ AGRONOMY/ F&W ECOL/ M&ENVTOX 633	Ecotoxicology: Impacts on Individuals	
ENTOM/ AGRONOMY/ F&W ECOL/ M&ENVTOX 634	Ecotoxicology: Impacts on Populations, Communities and Ecosystems	
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/ ZOOLOGY 371	Medical Entomology	
ENTOM 450	Basic and Applied Insect Ecology	
ENTOM 451	Basic and Applied Insect Ecology Laboratory	

#### Seminars

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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 901 Seminar in Organismal Entomology  
or ENTOM 875 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.