

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 are able to complete a program with minimal disruptions to careers and other commitments.

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

Requirements Detail

Minimum 30 credits

Credit Requirement

Minimum 16 credits

Residence Credit Requirement

Minimum Graduate Coursework Requirement Half of degree coursework (15 credits out of 30 total credits) must be completed graduate-level coursework; courses with the Graduate Level Coursework attribute are identified and searchable in the university's Course Guide (<https://registrar.wisc.edu/course-guide>).

Overall Graduate GPA Requirement 3.00 GPA required.

Other Grade Requirements The Graduate School requires an average grade of B or better in all course work (300 or above, not including research credits) taken as a graduate student unless conditions for probationary status require higher grades. Grades of Incomplete are considered to be unsatisfactory if they are not removed during the next enrolled semester.

Assessments and Examinations Students are required to hold a coursework certification meeting, submit certification paperwork, and hold a final defense exam. Additional information regarding required assessments and examinations is listed in the program handbook (<http://labs.russell.wisc.edu/ento/graduate-study/handbooks-and-forms>).

Language Requirements None.

REQUIRED COURSES

Additional information and forms related to program-specific courses is available in the program handbook (<http://labs.russell.wisc.edu/ento/graduate-study/handbooks-and-forms/>).

Code	Title	Credits
Core Courses		
ENTOM/ ZOOLOGY 302	Introduction to Entomology	4
<i>Must take at least 3 credits 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 ¹	
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/ Parasitology
PATH-BIO/
ZOOLOGY 350

ENTOM 351 Principles of Economic Entomology

ENTOM/
ZOOLOGY 371 Medical Entomology

ENTOM 450 Basic and Applied Insect Ecology

ENTOM 451 Basic and Applied Insect Ecology
Laboratory

ENTOM/
F&W ECOL 500 Insects in Forest Ecosystem
Function and Management

Seminars 3

Students should select seminars in consultation with their advisor.

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.