

HORTICULTURE, 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	18 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 (https://policy.wisc.edu/library/UW-1244).
Overall Graduate GPA Requirement	3.00 GPA required. This program follows the Graduate School's policy: https://policy.wisc.edu/library/UW-1203 .
Other Grade Requirements	n/a

Assessments and Examinations Contact the program for information on required assessments and examinations.

Language Requirements Contact the program for information on any language requirements.

REQUIRED COURSES

Departmental Requirements

The specific program of study towards a master's degree is developed by the student and the major professor. Considerable flexibility in the selection of courses is permitted to meet the needs and interests of the candidate. Students often complete the requirements for a master's degree in one and a half years, and three years is usually considered the maximum time necessary.

- All students must have successfully completed 14 credits of Horticulture (<http://guide.wisc.edu/courses/hort/>) courses and 11 credits of Botany (<http://guide.wisc.edu/courses/botany/>) courses during their enrollment in the undergraduate and/or graduate program(s). It is possible to fulfill these horticulture and botany course credits from coursework at another institution, provided the student's graduate committee approves the courses. No more than 3 credits of HORT 699 Special Problems may be counted towards this requirement.

Students must complete a minimum of 30 credits and 15 of these credits must be graduate level (up to 3 credits of 990 may be used to satisfy this 15 credit requirement, but HORT 699 Special Problems may not be used to satisfy this requirement). This requirement for 15 graduate-level credits can only be satisfied by classes taken while the student is enrolled in the master's program.

- Students must complete at least 30 credits while enrolled in Graduate School and write a master's thesis that is acceptable to the student's final examining committee. Under special circumstances, a student's graduate committee may, with the written approval of the department chair, allow a student to complete their M.S. degree with an approved report instead of a thesis or with coursework only.
- Students in the Master's Degree in Horticulture with Emphasis in Organic Sustainable Production must satisfy the specific course requirements outlined below. The student must also complete at least 30 credits while enrolled in Graduate School and write a master's thesis that is acceptable to the student's final examining committee.

Organic Sustainable Production Emphasis¹

Code	Title	Credits
Ecology (one course required)		
F&W ECOL/ BOTANY/ ZOOLOGY 460	General Ecology	4
AGROECOL 701	The Farm as Socio-Environmental Endeavor	3
AGROECOL 702	The Multifunctionality of Agriculture	3
Horticulture (one course required)		
HORT 345	Fruit Crop Production	3
HORT 370	World Vegetable Crops	3
Plant Pathology (one course required)		
PL PATH 300	Introduction to Plant Pathology	4

PL PATH 517	Plant Disease Resistance	2-3
PL PATH 559	Diseases of Economic Plants	3
Agronomy/Entomology (one course required)		
ENTOM 450	Basic and Applied Insect Ecology	3
Soil Science (one course required)		
SOIL SCI/ PL PATH 323	Soil Biology	3
SOIL SCI/ AGRONOMY/ HORT 326	Plant Nutrition Management	3
Statistics		
STAT/F&W ECOL/ HORT 571	Statistical Methods for Bioscience I	4
Seminar (one course required) ²		
AGROECOL 710	Agroecology Seminar	1
HORT 910	Seminar	1
Research (Total of 6 credits required)		
HORT 990	Research	1-12

1

These pathways are internal to the program and represent different curricular paths a student can follow to earn this degree. Pathways names do not appear in the Graduate School admissions application, and they will not appear on the transcript.

2

Students may speak with their committee regarding alternative courses to complete the seminar requirement.

Additional Coursework

At the discretion of the student's major professor or master's committee, additional remedial or advanced coursework may be required.

Seminar Requirement

Master's degree students must enroll in a graduate level seminar class (1 credit) for at least one semester and obtain a passing grade for that class. Seminars offered by departments other than Horticulture may be used to satisfy this requirement