

# HORTICULTURE, PH.D.

## 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	51 credits
Minimum Residence Credit Requirement	32 credits
Minimum Graduate Coursework Requirement	26 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> ( <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** 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** Contact the program for information on any language requirements.

**Graduate School Breadth Requirement** All doctoral students are required to complete a doctoral minor or graduate/professional certificate.

### REQUIRED COURSES

#### Departmental Requirements

All Horticulture Ph.D. students must satisfy the following general course requirements. These requirements can be satisfied by coursework completed while the student was an undergraduate or enrolled in another graduate program.

- Physical Sciences—one course in each of the following:
  - Physics, including electricity, heat, and light
  - Calculus
  - Organic Chemistry lecture
  - Organic Chemistry lab or Biochemistry lab
- Biological Sciences—one course in each of the following:
  - Crop Production
  - Plant Breeding or Genetics
  - Plant Structure, Plant Taxonomy, or Plant Physiology
  - Plant Pathology or Entomology
- A Statistics Course
- A Soil Science Course

#### Specific course requirements

The only specific course requirements for the Ph.D. in Horticulture are HORT 799 Practicum in Horticulture Teaching and the seminar requirement, listed below. Apart from these, each student is required to work with the major professor and the Ph.D. committee to design a program of coursework that best meets the individual student's needs and interests. The resulting program of coursework must satisfy the departmental requirements as well as the requirements specified by the Graduate School. The final determination of a student's required coursework is made by the student's Ph.D. committee as part of the certification process.

#### Seminar requirement

During their graduate careers, students are required to present a minimum of three seminars in advanced seminar courses and receive a passing grade in each seminar. Advanced seminar courses offered by the departments other than Horticulture may be used to satisfy this requirement.

#### Required Teaching/Outreach

All students in the Horticulture PhD program are required to enroll in HORT 799 Practicum in Horticulture Teaching for one semester and obtain a passing grade. Students may enroll in HORT 799 Practicum in Horticulture Teaching for 1 to 3 credits. Each student is expected to work with their PhD advisor to identify an opportunity within the department for the student to engage in teaching or outreach work. This requirement is broadly defined, and could include assisting a Horticulture faculty member

with their classroom teaching or working with a Horticulture Faculty member on an extension or outreach project.