

# PLANT PATHOLOGY, 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/<br>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> ). |
| Overall GPA Requirement                 | 3.00 GPA required.  |
| Graduate GPA Requirement                | 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> .  |

Other Grade Requirements n/a

Assessments and Examinations Students in the Plant Pathology Ph.D. must complete certification paperwork to outline their coursework, pass a departmental written qualifying exam, pass an oral preliminary examination, and prepare, publicly present, and defend a dissertation.

Language Requirements None.

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

### REQUIRED COURSES

Students must complete the foundation requirements; UW–Madison coursework that can be used to meet foundation requirements is listed on the Admissions tab. The expectation is that a majority of these are met through undergraduate coursework, often taken at other universities during a student's undergraduate career. A review of undergraduate transcripts to check for foundation requirements is part of the admission process, and students are notified if they will be required to take foundation requirements as part of their graduate program of study. Foundation courses include three of four from Genetics, Plant Anatomy/Morphology, Plant Physiology, and General Ecology; 2 semesters of General Chemistry, Organic Chemistry (including a lab), and Biochemistry; one semester of General Physics (with lab); and Introductory Calculus and Statistics.

Major requirements include the courses listed below. The remaining credits to fulfill the credit minimum are electives in consultation with the student's advisor and committee.

| Code                         | Title   | Credits |
|------------------------------|---|---------|
| <b>MAJOR REQUIREMENTS</b>    |   |         |
| PL PATH 300                  | Introduction to Plant Pathology                                 | 4       |
| PL PATH/BOTANY/<br>ENTOM 505 | Plant-Microbe Interactions:<br>Molecular and Ecological Aspects | 3       |
| PL PATH 559                  | Diseases of Economic Plants                                     | 3       |
| PL PATH 602                  | Ecology, Epidemiology and Control<br>of Plant Diseases          | 3       |
| PL PATH 799                  | Practicum in Plant Pathology<br>Teaching                        | 2       |
| PL PATH 875                  | Special Topics (Must complete two<br>semesters)                 | 1-4     |
| PL PATH 923                  | Seminar (Must complete two<br>semesters)                        | 1       |