

# AGRONOMY, 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 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 Credit Requirement 51 credits

Minimum Residence Credit Requirement 32 credits

Minimum Graduate Coursework Requirement Half of degree coursework (26 credits out of 51 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> (<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 coursework (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** 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 dissertation).

As a Ph.D. student you must take your final oral exam within five years of passing the prelim or you will be required to take another preliminary examination and be admitted to candidacy for a second time. All Ph.D. candidates are required to present an exit seminar. This often is most convenient just prior to the final examination, or you may present the seminar as part of the Agronomy Colloquium. The final examination ordinarily covers your dissertation and the general fields of your major and minor studies.

Deposit of the doctoral dissertation in the Graduate School is required.

**Language Requirements** The Agronomy department does not have any language requirements.

**Doctoral Minor/Breadth Requirements** Students completing a Ph.D. in Agronomy must also complete requirements for a minor in another department. The coursework for completion of the minor requirement is decided at the time of certification, with approval of the minor advisor. The minor department sets the requirements for minor completion. In both options, one course cross-listed with the major may be used for the minor, so long as it is staffed by the minor department and is not applicable to any requirements of the major.

The type and completion of the minor is reported to the Graduate School on the preliminary examination warrant.

### REQUIRED COURSES

Code	Title	Credits
Three semesters of one or both of the following:		
AGRONOMY 920	Seminar	1
AGRONOMY/ GENETICS/ HORT 957	Seminar-Plant Breeding	1

#### Prerequisite Courses

Code	Title	Credits
May also be completed on campus if necessary:		
1 year of general chemistry with labs		
1 semester of organic chemistry with labs		
1 semester of physics		
1 semester of calculus		
1 semester of statistics		

4 semesters of biology distributed among three of the following four areas:

biochemistry  
genetics

plant morphology, anatomy, or physiology  
taxonomy, evolution, or ecology.

These classes can be taken in your undergraduate or master's career. If you begin the program as a master's student and then transition into the PhD program, credits taken as a master's student will count toward the PhD program. At the department's discretion, you may be admitted with deficiencies. These deficiencies are expected to be completed within the first semester of study. The Agronomy Department requires two full-time semesters in residence for a Ph.D. Your certification committee can petition the Graduate Studies Committee for a deviation from the residence requirement under unique circumstances.

Teaching experience is not required, but is highly recommended by the department and the time for completion of this recommended experience should be included on the certification form.