

Course requirements for the Master's degree (effective for students entering in Fall 2012)

All MS students must complete the following course requirements:

1. Introductory Plant Pathology 120 – fall, 4 units
2. PLP201A, Advanced Plant Pathology – winter, 3 units
3. PLP210, Host/Parasite Interactions – winter, 4 units
4. PLP202B, Epidemiology and disease control – winter, 3 units [offered every other year]
5. PLP298, Plant Pathology Laboratory – fall, 3 units [offered every other year]

Two Pathogen Courses:

6. PLP298, Bacteriology – winter, 3 units [offered every other year]
7. PLP298, Virology – spring, 3 units [offered every other year]
8. PLP298, Mycology – spring, 3 units [offered every other year]

One Field Course – either:

9. Plant Pathology 205 – Diseases of Vegetable/Grain Crops – spring, even years
OR
10. Plant Pathology 206 – Diseases of Perennial Crops – spring, odd years
11. Plant Pathology 290 – Department Seminar – every quarter unless there is a class scheduling conflict

Additional requirements for the Master's degree

a. Teaching

Students pursuing a master's degree may, or may not, be asked to serve as a teaching assistant (TA) for one quarter. Students can approach instructors directly regarding the possibility of being a TA for a specific course, but the final decision on appointments of TAs rests with the Department Curriculum Committee.

b. On-campus residence* requirement and time to complete the degree

Students working toward a master's degree must be registered and on campus for at least 3 quarters. The targeted time frame for the completion of the master's degree is 6 quarters (2 years).

*Note: The university defines 'in residence' as being students who are registered in regular university courses for at least four units of upper division or graduate courses in a quarter, or for at least two units of such work in two sessions of Summer Session.

Academic requirements for the Doctor of Philosophy Degrees (PhD) in Plant Pathology (effective for students entering in Fall 2012)

Course requirements for the PhD are the same as those listed for the Master's degree. In addition to these "core courses" Ph.D. students must take one additional elective courses:

All PhD students must complete one additional upper division or graduate level course on a topic related to their research objectives. This course is to be selected in consultation with your Thesis Advisor and Graduate Advisor. Areas that a student may consider include, but are not limited to, agronomy, biochemistry, bioinformatics, biology and molecular biology of plant pathogens and host-pathogen interactions, biometeorology, ecology and epidemiology of plant disease, etiology and management of plant diseases, genetics, genomics, geographic information systems, hydrology, metabolomics, microbiology, nematology, plant physiology, proteomics, pest control practices, recombinant DNA and transgene expression, soil science, statistics, systems analysis, and viticulture and enology.