

Plant Pathology

College of Agriculture, Food & Environment

The department offers work leading to the M.S. and Ph.D. degrees. For the Ph.D. degree, individual programs of study must conform to the requirements established by the Graduate School; a minor is not required.

Admission Requirements

The Graduate School's requirements for admission are likewise the minimum requirements for acceptance into the M.S. and Ph.D. programs of the Department of Plant Pathology. However, additional materials are required for application to the Plant Pathology graduate programs. Each applicant must arrange for three letters of recommendation to be sent, and must also provide a curriculum vitae and a written statement identifying the applicant's reasons for desiring to undertake studies in this department, to the Plant Pathology DGS. These materials, and those submitted to the Graduate School, are considered on a case-by-case basis by the department's Academic Program Committee, which then makes a recommendation on admission. Admission to a graduate program in Plant Pathology does not guarantee financial assistance to the student. Applicants who are admitted will also be informed of any financial offer in a contract that they must sign in order to be admitted to the Graduate School.

Required Courses for both MS and Ph.D.:

PPA 400G	(3) (if not taken previously)
PPA 500	(3)
PPA 600	(2)
PPA 640	(3)
PPA 641	(1)
PPA 770	(1)

At least two from the following list:

PPA 650	(3)
PPA 670	(1)
PPA 671	(2)
PPA 673	(1)
PPA 620	(3)
PPA 630	(1)
PPA 631	(1)

Graduate Courses

PPA 400g	Principles Of Plant Pathology	(3)
PPA 500	Physiology Of Plant Health And Disease	(3)
PPA 600	Critical Methods In Plant-Microbe Interactions	(2)
PPA 601	Special Topics In Molecular And Cellular Genetics (Same As PLS/BIO/BCH/MI 601)	(1)
PPA 609	Plant Biochemistry (Same As BCH/PLS 609)	(3)
PPA 620	Fungicides, Advanced Concepts	(3)
PPA 630	Introduction To Genetically Engineered Crops, Risks And Benefits I	(1)

PPA 631	Introduction To Genetically Engineered Crops, Risks And Benefits II	(1)
PPA 640	Identification Of Plant Diseases (Same As PLS 640)	(3)
PPA 641	Plant Disease, Population Biology, And Biotechnology	(1)
PPA 650	Fungal Biology	(3)
PPA 670	Plant Bacteriology	(1)
PPA 671	Advanced Plant Virology	(2)
PPA 673	Advanced Plant Disease Resistance	(1)
PPA 700	Plant Pathology Laboratory Visits	(1-3)
PPA 748	Master's Thesis Research	(0)
PPA 767	Dissertation Residency Credit	(2)
PPA 768	Residence Credit For The Master's Degree	(1-6)
PPA 770	Plant Pathology Seminar	(1)
PPA 784	Special Problems In Plant Pathology	(1-3)
PPA 794	Research In Plant Pathology	(1-9)
PPA 799	Teaching In Plant Pathology	(1-2)