

The Minor in Plant Pathology is designed to provide essential knowledge and training for careers that involve plant health management of agronomic crops, landscape/nursery plants, turfgrass, and forest plants. The minor is specifically targeted to Turfgrass Science, Crop Science, Landscape Horticulture, Forestry, and Urban Forestry majors, although it is open to all students interested in plants, mycology, biology, microbiology, and microbiology. The Minor in Plant Pathology is also valuable for students interested in the biology of plant disease and plant-microbe interactions, such as majors in Biology, Plant Biology and Microbiology.

Students pursuing the Minor in Plant Pathology are required to take Plant Pathology 3001, 3002 – General Plant Pathology – to develop a foundational understanding of plant pathology. This class has a prerequisite of a general biology class or natural science GE course. In addition to Plant Path 3001, 3002 and Plant Path 5603 Plant Disease Management course, students must take one course that deals with diseases of a particular cropping system, such as ornamental plants and flowers (Plant Path 5120), forest and shade trees (Plant Path 5110), turfgrass (Plant Path 5130), field crops (Plant Path 5140) and fruits and vegetables (Plant Path 5150). Additional courses in plant pathology, microbiology, soil science and plant biology are available as elective coursework.

The Minor in Plant Pathology consists of 12 credit hours selected as follows.

Required:			Credit Hours
PLNTPTH	3001	General Plant Pathology Lecture	3
PLNTPTH	3002	General Plant Pathology Lab	2
PLNTPTH	5603	Plant Disease Management	3

Select one of the following courses (2-4 credit hours):

PLNTPTH	5110	Ecology and Management of Pathogens and Insects Affecting Trees in Forest and Urban Environments	3
PLNTPTH	5120	Diseases of Ornamental Plants	2
PLNTPTH	5130	Turfgrass Diseases and Integrated Turf Health Management	4
PLNTPTH	5140	Diseases of Field Crops	2
PLNTPTH	5150	Fruit and Vegetable Diseases	2

Electives (Select enough hours to bring total in minor to 12 credit hours):

ENR	5270	Soil Fertility	3
ENTMLGY	4000	General Entomology	3
MICROBIO	4000.01	Basic and Practical Microbiology	4
MICROBIO	4100	General Microbiology	5
MOLGEN	3436	Introductory Plant Physiology	3
PLNTPTH	2001	Sick Plants in a Hungry World	2
PLNTPTH	4550	Bioterrorism: An Overview	3
PLNTPTH	5010	Phytobacteriology	2
PLNTPTH	5020	Virology	2
PLNTPTH	5030	Nematology	2
PLNTPTH	5040 and 5041	Science of Fungi: Mycology Lecture and Lab	4
PLNTPTH	5110	Ecology and Management of Pathogens and Insects Affecting Trees in Forest and Urban Environments (If not taken above)	3
PLNTPTH	5120	Diseases of Ornamental Plants (<i>If not taken above</i>)	3
PLNTPTH	5130	Turfgrass Diseases and Integrated Turf Health Management (<i>If not taken above</i>)	4
PLNTPTH	5140	Diseases of Field Crop (<i>If not taken above</i>)	2
PLNTPTH	5150	Fruit and Vegetable Diseases (<i>If not taken above</i>)	2
PLNTPTH	5685	Plant Disease Diagnosis	2
Study Abroad		Study at a Foreign Institution	varies

A minimum of 12 credit hours are required for the Minor in Plant Pathology. Plant Pathology classes taken to fulfill major requirements cannot be used towards a minor. In the case that 3001 and/or 3002 are taken in a major, a student should select at least 12 credit hours from the list above, excluding 3001 and 3002.

TOTAL credit hours for minor in plant pathology

12

Restrictions and General Information

- This minor is not available to students majoring in Plant Pathology or Plant Health Management.
- A minor should be declared by the time a student accumulates 60 hours.
- A minimum 2.00 cumulative point-hour ratio is required in the minor course work; and a minimum grade of a C- is required for each course used to complete the minor.
- A student is permitted to overlap up to 6 credit hours between the GE and the minor.
- The minor must contain a minimum of 12 credit hours distinct from the major and/or additional minors (i.e. if a minor requires more than 12 credit hours, a student is permitted to overlap those hours beyond 12 with the major or with another minor).
- The minor must include at least 6 hours of upper-level or upper-division course work (3000 or above).
- Course work graded Pass/Non-Pass cannot count in the minor, and no more than 3 credit hours of course work graded Satisfactory/Unsatisfactory may count toward the minor.
- No more than 3 credit hours of xx93 may count toward the minor.
- A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.