PLANT PATHOLOGY (PLPT)

PLPT 110 Molds and Man
Prerequisites: Non-science major.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded with Option

PLPT 210 Plant Pathogens and Disease
Prerequisites: AGRO 131, BIOS 101, ENTO 115, HORT 131, or LIFE 120.
Description: Introduction to fungi, bacteria, nematodes and viruses that cause plant diseases. The impact that plant diseases can have on society and the environment. Strategies used in managing plant diseases in agricultural and landscape environments.
Credit Hours: 2
Max credits per semester: 2
Max credits per degree: 2
Grading Option: Graded with Option

PLPT 270 Biological Invaders
Crosslisted with: AGRO 270, HORT 270, NRES 270
Prerequisites: 3 hrs biological sciences.
Description: Impact of exotic species and invasive organisms: agricultural and medical emerging disease; predicting biological invasions; biological control; regulatory, monitoring, and control efforts; ecological impact.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded with Option

PLPT 369 Introductory Plant Pathology
Crosslisted with: BIOS 369
Prerequisites: AGRO 131/HORT 131, or LIFE 120 and 120L, or BIOS 109.
Description: Relation of plant disease to crop production, the environment, and society. Organisms that cause disease and their interactions with plants. Strategies for plant disease management.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded with Option

PLPT 369L Introductory Plant Pathology Lab
Prerequisites: Must enroll in both PLPT 369 (lecture) and PLPT 369L (lab)
Description: Optional lab for PLPT 369.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Grading Option: Graded with Option

PLPT 414 Turfgrass Disease Management
Crosslisted with: AGRO 414, AGRO 814, HORT 414, HORT 814, PLPT 814, TLMT 414, TLMT 814
Prerequisites: BIOS/PLPT 369 or one semester of introductory plant pathology.
Description: Pathogens, epidemiology, and control of diseases specific to turfgrass.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Grading Option: Graded with Option

PLPT 495 Internship in Plant Pathology
Prerequisites: Junior standing.
Description: Experience in a work place setting that is directly related to Plant Pathology.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 5
Grading Option: Pass No Pass

PLPT 496 Independent Study
Prerequisites: Advanced approval of the plan of study and permission.
Description: Research, literature review, extension of course work, or preparation of teaching materials.
Credit Hours: 1-5
Min credits per semester: 1
Max credits per semester: 5
Max credits per degree: 5
Grading Option: Graded with Option

PLPT 498 Independent Research
Prerequisites: Permission.
Description: Independent research in areas of plant pathology.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 6
Grading Option: Graded with Option

PLPT 499H Honors Thesis
Prerequisites: Admission to the University Honors Program and permission, AGRI 299H recommended.
Description: Conduct a scholarly research project and write a University Honors Program or undergraduate thesis.
Credit Hours: 3-6
Min credits per semester: 3
Max credits per semester: 6
Max credits per degree: 6
Grading Option: Graded