

M.S. and Ph.D. Plant Pathology - Course Guidelines

M.S. in Plant Pathology - Advising Sheet

Course number	Course Title	Credits	Term
CORE			
PLNTPTH 5010	Phytobacteriology	2	AU Year 1
PLNTPTH 5020	Introductory Plant Virology	2	AU Year 1
PLNTPTH 6002.01	Advanced Plant Pathology Laboratory - Viruses and Bacteria	1	AU Year 1
PLNTPTH 5040 & PLNTPTH 5041	Science of Fungi: Mycology Lecture (3 cr) & Science of Fungi: Mycology Lab (1 cr)	4	AU Year 1
OR			
PLNTPTH 5050	Plant Pathogenic Fungi.....	3	SP Year 1
PLNTPTH 5030	Plant Nematology	2	SP Year 1
PLNTPTH 6002.02	Advanced Plant Pathology - Plant Pathogenic Fungi and Nematodes ..	1	SP Year 1
PLNTPTH 5685	Plant Disease Diagnosis	2	SU Year 1 or 2
PLNTPTH 5603	Plant Disease Management	3	AU Year 2
Variable	Statistics class, as determined in consultation with *SAC	3	AU or SP Year 2
ELECTIVES	Determined in consultation with SAC		Varies
ENGLISH courses (may be required for international students depending on ESL composition placement)			
EDUTL 5901	Advanced English as a Second Language (if required).....	3	Year 1
EDUTL 5902	Advanced Writing in English as a Second Language (if required) ...	3	Year 1
SEMINAR			
PLNTPTH 8899	Seminar (1 credit) each Autumn & Spring semester		AU, SP

RESEARCH CREDITS

Students will enroll in PLNTPTH 8999 Research each term (variable credits), including Summer, to fulfill full-time enrollment requirements for associateships/fellowships Varies AU, SU, SP

**TOTAL CREDITS

* **Student Advisory Committee (SAC).** The SAC consists of the major advisor and at least two graduate faculty, including the major advisor. At least two of the SAC members must be regular faculty in the Department of Plant Pathology. The SAC can approve electives, schedule changes or course substitutions. Course substitutions should be clearly documented, with a brief justification, on Form I and submitted to the Graduate Studies Committee chair.

****TOTAL CREDITS:** The M. S. credit requirement is 30 graduate credit hours (semester), including research (8999) and seminar (8899) credits, with a minimum cumulative GPA of 3.0. Eighty (80) percent of those required credit hours must be completed at this University over a period of at least two semesters (Graduate School Handbook). Full-time students on graduate appointments typically exceed 30 total credits.

Ph.D. in Plant Pathology - Advising Sheet

New graduate students with no previous plant pathology experience may be asked to take/review an online version of General Plant Pathology prior to their first semester.

Course number	Course Title	Credits	Term
CORE			
PLNTPTH 5010	Phytobacteriology	2	AU Year 1
PLNTPTH 5020	Introductory Plant Virology	2	AU Year 1
PLNTPTH 6002.01	Advanced Plant Pathology Laboratory - Viruses and Bacteria	1	AU Year 1
PLNTPTH 5040 & PLNTPTH 5041	Science of Fungi: Mycology Lecture (3 cr) & Science of Fungi: Mycology Lab (1 cr)	4	AU Year 1
OR			
PLNTPTH 5050	Plant Pathogenic Fungi.....	3	SP Year 1
PLNTPTH 5030	Plant Nematology	2	SP Year 1
PLNTPTH 6002.02	Advanced Plant Pathology - Plant Pathogenic Fungi and Nematodes 1	1	SP Year 1
PLNTPTH 5685	Plant Disease Diagnosis	2	SU Year 1 or 2
PLNTPTH 5603	Plant Disease Management	3	AU Year 2
Variable Statistics class, as determined in consultation with *SAC		3	AU or SP Year 2
PLNTPTH 8400	Molecular Bases of Plant Host-Microbe Interactions	3	SP Year 2
ELECTIVES	Determined in consultation with SACVaries		
ENGLISH courses (may be required for international students depending on ESL composition placement)			
EDUTL 5901	Advanced English as a Second Language (if required)	3	Year 1
EDUTL 5902	Advanced Writing in English as a Second Language (if required)	3	Year 1
SEMINAR			
PLNTPTH 8899	Seminar (1 credit) each Autumn & Spring semester	Varies AU, SP	
RESEARCH CREDITS			
Students will enroll in PLNTPTH 8999 Research each term (variable credits), including <u>Summer, to fulfill full-time enrollment requirements for associateships/fellowships AU, SU, SP</u>			

****TOTAL CREDITS**

* **Student Advisory Committee (SAC).** The SAC consists of the major advisor and at least two graduate faculty. Including the major advisor. At least two of the SAC members must be regular faculty in the Department of Plant Pathology. The SAC can approve electives, schedule changes or course substitutions. Course substitutions should be clearly documented, with a brief justification, on Form I and submitted to the GSC chair.

****TOTAL CREDITS:** The Ph.D. credit requirement is 90 graduate credit hours (semester), including research (8999) and seminar (8899) credits, with a minimum cumulative GPA of 3.0. At least 50 of those graduate credits must be completed beyond the master's degree (Graduate School Handbook). Full-time students on graduate appointments typically exceed 90 total credits.