

Class Schedule - Spring 2010

Plant Pathology

199 **Undergraduate Open Seminar** credit: 1 to 5 hours.

Experimental course on a special topic in plant pathology. Topic may not be repeated except in accordance with the Code. May be repeated in the same or subsequent terms. No more than 12 hours may be counted toward graduation.

CRN	Type	Section	Time	Days	Location	Instructor
10171	independent study		ARRANGED			
Instructor Approval Required						

200 **Plants, Pathogens, and People** credit: 3 hours.

Plant diseases and their impact on food supplies and human history are studied in lectures, demonstrations and discussions. Issues of food production and safety, pesticide use and human health, and the environment are considered. Includes the biology of pathogens that cause plant disease. Designed for non-science and science majors. Prerequisite: RHET 105 or equivalent.

This course satisfies the General Education Criteria for a Advanced Composition, and Life Sciences course.

CRN	Type	Section	Time	Days	Location	Instructor
37737	lecture-discussion	A	01:00 PM - 02:20 PM	TR	room W109 Turner Hall	Eastburn, D
Advanced Composition, and Life Sciences course.						
51540	online	XM	07:00 PM - 08:30 PM	W		Eastburn, D
Advanced Composition, and Life Sciences course. Academic Outreach restrictions and assessments apply, see http://www.outreach.uiuc.edu . Registration in this course section is open for undergrad non-degree and degree-seeking students, any major. On-campus students who register in this section will be charged an additional fee of \$977 above their normal tuition range assessment. This course is offered through the Office of Continuing Education as an online course section which cannot be included in the normal range assessment. Financial aid and certain waivers may cover this additional tuition assessment along with your regular range assessment. Restricted to Undergrad - Urbana-Champaign. Restricted to NDEG:Undergrad Nondeg-CE-UIUC.OnlineMeets 20-Jan-10 - 05-May-10.AO Fees 2+4 45, and AO Tuition 2+4 277.00 dollars.						

204 **Introductory Plant Pathology** credit: 3 hours.

Concepts relating to causal agents of representative plant diseases, symptoms and diagnosis, modes of infection and spread, effects of environment on disease development, and methods of control.

This course satisfies the General Education Criteria for a Life Sciences course.

CRN	Type	Section	Time	Days	Location	Instructor
37769	laboratory	AB1	10:00 AM - 11:50 AM	R	room M5 Turner Hall	Niblack, T
37771	laboratory	AB2	01:00 PM - 02:50 PM	R	room M5 Turner Hall	Niblack, T
37766	lecture	AL1	08:00 AM - 08:50 AM	TR	room W109 Turner Hall	Niblack, T

395 **Undergrad Research or Thesis** credit: 1 to 4 hours.

Individual research, special problems, thesis, development and/or design work under the supervision of an appropriate member of the faculty. May be repeated to a maximum of 12 hours.

CRN	Type	Section	Time	Days	Location	Instructor
10172	independent study		ARRANGED			
Instructor Approval Required						

404 **Plant Virology** credit: 2 hours.

Current knowledge of viruses and the diseases they cause in plants studied in lectures, discussions and laboratories. Topics include virus structure, replication, expression, taxonomy and transmission and viral disease detection, diagnosis, epidemiology and management. Prerequisite: An introductory course in plant pathology and an introductory course in genetics, or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
43873	laboratory	AB1	01:00 PM - 03:50 PM	F	room M5 Turner Hall	D'Arcy, C; Domier, L
Meets 19-Jan-10 - 12-Mar-10.						
43539	lecture	AL1	09:00 AM - 09:50 AM	MW	room M5 Turner Hall	D'Arcy, C; Domier, L
Meets 19-Jan-10 - 12-Mar-10.						

406 **Phylobacteriology** credit: 2 hours.

Provides up-to-date coverage of prokaryotes that cause plant diseases. Lectures, discussions, and laboratories cover taxonomy, molecular biology, etiology, detection and identification, epidemiology and management of major plant pathogenic prokaryotes. Prerequisite: An introductory course in Plant Pathology and Microbiology, or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
-----	------	---------	------	------	----------	------------

48236	laboratory	AB1	01:00 PM - 03:50 PM	F	room M5 Turner Hall	Zhao, Y
Meets 15-Mar-10 - 05-May-10.						
48235	lecture-discussion	AL1	09:00 AM - 09:50 AM	MW	room M5 Turner Hall	Zhao, Y
Meets 15-Mar-10 - 05-May-10.						

509 ***Mol Bio of Microbe-Plant Inter*** credit: 3 hours.

Detailed analysis of the microbe-plant interaction at the molecular level. Covers commensal, symbiotic, and pathogenic interactions from viewpoint of both plant and microbe. Emphasizes microbial and plant genes involved in the interactions, their organization, regulation of expression and the nature and function of the encoded gene products. Same as MCB 511. Prerequisite: PLPA 403, or equivalent; MCB 421, or MCB 430, or equivalent; and MCB 350 or equivalent.

CRN	Type	Section	Time	Days	Location	Instructor
48290	lecture-discussion	A	03:30 PM - 04:50 PM	TR		Clough, S; Zhao, Y
Restricted to Graduate - Urbana-Champaign. 3 hours						

599 ***Thesis Research*** credit: 0 to 16 hours.

Individual study and basic and/or applied research related to plant disease; required of all students working toward the Master of Science or Doctor of Philosophy in Plant Pathology. Approved for S/U grading only.

CRN	Type	Section	Time	Days	Location	Instructor
10175	independent study		ARRANGED			
Instructor Approval Required						