

Plant Pathology Graduate Program(s)

In Plant Pathology

Mission Statement: *(Source: 2004 Program Review Materials)*

The mission of the Department of Plant Pathology is to engage in quality research, education, and extension in phytopathology and mushroom culture with emphasis on the management of plant diseases and understanding the relationships among plants, pathogens, and the environment. Phytopathology continually renews its knowledge base as biological disciplinary breakthroughs are brought to bear on disease phenomena and as parasites counter human efforts to disrupt their interorganismal relations. Penn State has a unique graduate program in Plant Pathology, in part because of: (1) the training opportunities for agricultural biosecurity, which is offered in cooperation with the USDA at Fort Detrick, the only BSL-3 lab devoted to plant diseases in the country; (2) the Fusarium Research Center, which houses some 19,000 accessions from this important group of fungi; and, (3) mushroom science, a specialization not found elsewhere in the U.S. The graduate program develops our students into productive contributors to society at the local, national, and international levels as they engage in intellectual, cultural, social, and professional endeavors within this context. Graduate program leaders want to continue to improve graduate education in Plant Pathology to give students the breadth of modern knowledge and mental flexibility to adapt to changing needs during their working career and make significant contributions to science and society.

Doctorate

Masters

Current (Fall 2007) Data

The number of students in the program that fall into each of the following categories: *(Source: EIS Semester Census Data)*

Total number of students: 18

Gender: Male: 9 Female: 9

Enrollment Status: Full-time: 18 Part-time: 0

Citizenship: U.S. Citizens: 11
Permanent Residents: 0
Temporary Visa Holders: 7

Race/Ethnicity: White, Non-Hispanic: 9
(for US citizens or permanent residents only)
Black, Non-Hispanic: 0
Hispanic: 1
Asian or Pacific Islander: 0
American Indian or Alaskan Native: 0
International: 7
Race/Ethnicity Unknown: 1

Total number of students: 7

Gender: Male: 3 Female: 4

Enrollment Status: Full-time: 7 Part-time: 0

Citizenship: U.S. Citizens: 5
Permanent Residents: 0
Temporary Visa Holders: 2

Race/Ethnicity: White, Non-Hispanic: 3
(for US citizens or permanent residents only)
Black, Non-Hispanic: 0
Hispanic: 1
Asian or Pacific Islander: 0
American Indian or Alaskan Native: 0
International: 2
Race/Ethnicity Unknown: 1

GRE Scores

The number of students enrolling for the first time who reported their median Verbal/Quantitative GRE scores. *(Source: EIS Graduate School History Admissions)*

02/03: 567/673 = 1240
03/04: 604/716 = 1320
04/05: 458/603 = 1060
05/06: 425/605 = 1030
06/07: 482/687 = 1168

02/03: 486/606 = 1092
03/04: 465/645 = 1110
04/05: 440/690 = 1130
05/06: 345/408 = 753
06/07: 700/710 = 1410

Degrees Awarded

The number of Degrees awarded in the program in each of the past five academic years*. *(Source: EIS Graduate Degrees Conferred)*

02/03: 2
03/04: 7
04/05: 3
05/06: 2
06/07: 4

02/03: 1
03/04: 6
04/05: 3
05/06: 5
06/07: 1

* Academic Year is defined as Summer, Fall, and Spring semesters.

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Time to Degree

The average time from enrollment to graduation for students in the following academic years*. (Source: EIS Graduate School Degrees Conferred using the Avg Years to Grad measure.)

02/03: 3.83
 03/04: 5.48
 04/05: 4.78
 05/06: 9.04
 06/07: 4.50

02/03: 1.75
 03/04: 2.90
 04/05: 2.78
 05/06: 2.52
 06/07: 3.00

The median time to degree for doctoral degrees granted between 1999 and 2005. (Source: Graduate Information Executive Suite - Average and Median Time to Degree Reports)

From First Semester of Entry: 3.70
 From Passing of Candidacy Exam: 3.01

Selectivity and Yield

The number of applicants, offers, acceptances, and new enrollees to the program. (Source: EIS Graduate School History Admissions)

Academic Year*	# of Applicants	# of Offers	Selectivity (# of offers/# of applicants)	# of Acceptances	# of New Enrollees to Program	Yield (# of new enrollees/# of offers)
02/03	18	3	17%	3	3	100%
03/04	18	6	33%	6	5	83%
04/05	13	3	23%	3	0	0%
05/06	17	4	24%	2	1	25%
06/07	22	4	18%	4	3	75%
5-Yr Avg	17.6	4	23%	3.6	2.4	60%

Academic Year*	# of Applicants	# of Offers	Selectivity (# of offers/# of applicants)	# of Acceptances	# of New Enrollees to Program	Yield (# of new enrollees/# of offers)
02/03	13	7	54%	7	7	100%
03/04	15	5	33%	5	5	100%
04/05	9	3	33%	3	3	100%
05/06	10	7	70%	7	7	100%
06/07	10	1	10%	1	1	100%
5-Yr Avg	11.4	4.6	40%	4.6	4.6	100%

Placement

(Source: 2004 Program Review Materials)

	03/04	04/05	05/06	06/07	07/08	Totals
Academia	6	3	1	2	0	12
Private/Industry	0	0	1	1	0	2
Public/Government	1	0	0	1	1	3

	03/04	04/05	05/06	06/07	07/08	Totals
Continuing Grad Ed	3	1	2	1	1	8
Private/Industry	2	0	2	0	0	4
Public/Government	1	2	1	0	2	6

* Academic Year is defined as Summer, Fall, and Spring semesters.

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Doctorate Progress

The number of students who entered the program, left the program, entered candidacy, and the number who completed their degrees or are still in the program. (Source: Graduate Information Executive Suite - Time to Degree Reports)

Entering Academic Year	# of Entering Doctoral Students	# of Students Who Left Program	# of Students Admitted to Candidacy	Of those admitted to doctoral candidacy:										# Who Are Still Enrolled After 10 Years
				Number who completed within given number of years after enrolling										
				3 Years	4 Years	5 Years	6 Years	7 Years	8 Years	9 Years	10 Years			
94/95	1	0	1					1						
95/96	6	1	5	1	3		1							
96/97	2	0	2		1		1							
97/98	6	0	6	2		1	1	1						
98/99	5	0	5		1	2	1							
99/00	3	1	2		1									
00/01	4	0	4		3	1								
01/02	2	0	2	2										
02/03	4	0	4											
TOTALS	33	2	31	5	9	4	4	2						

* Academic Year is defined as Summer, Fall, and Spring semesters.