

Doctoral Student Outcomes by School/College and Major
Cohorts Entering 2007-08 to 2011-12

School/ College and Program	Entering Students	Withdrawn		Left with Master's		Advanced to Candidacy		Earned Doctorate		Earned Doctorate ≤6 Years		Earned Doctorate >6 - 8 Years		Earned Doctorate >8 Years		Currently Active	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Humanities and Fine Arts																	
Afro-American Studies	25	5	20.0%	1	4.0%	20	80.0%	14	56.0%	7	28.0%	5	20.0%	2	8.0%	6	24.0%
Comparative Literature	24	6	25.0%	1	4.2%	18	75.0%	14	58.3%	1	4.2%	4	16.7%	9	37.5%	4	16.7%
English	74	28	37.8%	16	21.6%	50	67.6%	38	51.4%	13	17.6%	13	17.6%	12	16.2%	8	10.8%
German and Scandinavian Studies	10	4	40.0%	1	10.0%	6	60.0%	5	50.0%	0	0.0%	2	20.0%	3	30.0%	1	10.0%
Hispanic Literatures and Linguistics	27	7	25.9%	3	11.1%	22	81.5%	15	55.6%	2	7.4%	8	29.6%	5	18.5%	5	18.5%
History (UMass/Five College)	25	10	40.0%	2	8.0%	21	84.0%	13	52.0%	3	12.0%	5	20.0%	5	20.0%	2	8.0%
Linguistics	28	11	39.3%	8	28.6%	21	75.0%	17	60.7%	10	35.7%	6	21.4%	1	3.6%	0	0.0%
Music	12	4	33.3%	1	8.3%	7	58.3%	4	33.3%	0	0.0%	2	16.7%	2	16.7%	4	33.3%
Philosophy	31	10	32.3%	3	9.7%	24	77.4%	16	51.6%	4	12.9%	8	25.8%	4	12.9%	5	16.1%
TOTAL	256	85	33.2%	36	14.1%	189	73.8%	136	53.1%	40	15.6%	53	20.7%	43	16.8%	35	13.7%
Information and Computer Sciences																	
TOTAL	153	53	34.6%	38	24.8%	109	71.2%	98	64.1%	54	35.3%	32	20.9%	12	7.8%	2	1.3%
Natural Sciences																	
Animal Biotechnology and Biomedical Sciences	21	6	28.6%	6	28.6%	15	71.4%	15	71.4%	10	47.6%	3	14.3%	2	9.5%	0	0.0%
Astronomy	23	7	30.4%	6	26.1%	18	78.3%	15	65.2%	5	21.7%	5	21.7%	5	21.7%	1	4.3%
Chemistry	139	33	23.7%	27	19.4%	109	78.4%	106	76.3%	76	54.7%	29	20.9%	1	0.7%	0	0.0%
Entomology	2	0	0.0%	0	0.0%	2	100.0%	2	100.0%	2	100.0%	0	0.0%	0	0.0%	0	0.0%
Environmental Conservation	41	18	43.9%	7	17.1%	25	61.0%	20	48.8%	11	26.8%	4	9.8%	5	12.2%	3	7.3%
Food Science	41	6	14.6%	5	12.2%	36	87.8%	34	82.9%	31	75.6%	3	7.3%	0	0.0%	1	2.4%
Geosciences	33	13	39.4%	8	24.2%	20	60.6%	18	54.5%	13	39.4%	5	15.2%	0	0.0%	2	6.1%
Mathematics	3	1	33.3%	0	0.0%	2	66.7%	1	33.3%	0	0.0%	1	33.3%	0	0.0%	1	33.3%
Microbiology	52	18	34.6%	15	28.8%	36	69.2%	34	65.4%	23	44.2%	10	19.2%	1	1.9%	0	0.0%
Molecular and Cellular Biology	30	11	36.7%	8	26.7%	20	66.7%	19	63.3%	14	46.7%	2	6.7%	3	10.0%	0	0.0%
Neuroscience and Behavior	67	19	28.4%	10	14.9%	51	76.1%	48	71.6%	25	37.3%	19	28.4%	4	6.0%	0	0.0%
Organismic and Evolutionary Biology	24	9	37.5%	8	33.3%	20	83.3%	15	62.5%	8	33.3%	6	25.0%	1	4.2%	0	0.0%
Physics	23	6	26.1%	3	13.0%	20	87.0%	17	73.9%	8	34.8%	8	34.8%	1	4.3%	0	0.0%
Plant Biology	66	20	30.3%	14	21.2%	59	89.4%	42	63.6%	15	22.7%	19	28.8%	8	12.1%	4	6.1%
Plant and Soil Sciences	18	7	38.9%	2	11.1%	12	66.7%	11	61.1%	6	33.3%	4	22.2%	1	5.6%	0	0.0%
Polymer Science and Engineering	22	6	27.3%	1	4.5%	17	77.3%	16	72.7%	13	59.1%	1	4.5%	2	9.1%	0	0.0%
Psychology	105	15	14.3%	13	12.4%	92	87.6%	90	85.7%	81	77.1%	9	8.6%	0	0.0%	0	0.0%
TOTAL	58	18	31.0%	14	24.1%	43	74.1%	39	67.2%	32	55.2%	7	12.1%	0	0.0%	1	1.7%
Social and Behavioral Sciences																	
Anthropology	48	22	45.8%	11	22.9%	24	50.0%	15	31.3%	2	4.2%	4	8.3%	9	18.8%	11	22.9%
Communication	41	5	12.2%	0	0.0%	41	100.0%	30	73.2%	9	22.0%	13	31.7%	8	19.5%	6	14.6%
Economics	59	9	15.3%	4	6.8%	54	91.5%	45	76.3%	22	37.3%	12	20.3%	11	18.6%	5	8.5%
Political Science	52	29	55.8%	18	34.6%	32	61.5%	17	32.7%	5	9.6%	8	15.4%	4	7.7%	6	11.5%
Regional Planning	8	1	12.5%	0	0.0%	7	87.5%	7	87.5%	5	62.5%	1	12.5%	1	12.5%	0	0.0%
Resource Economics	8	3	37.5%	1	12.5%	6	75.0%	5	62.5%	4	50.0%	1	12.5%	0	0.0%	0	0.0%
Sociology	44	11	25.0%	3	6.8%	33	75.0%	20	45.5%	5	11.4%	5	11.4%	10	22.7%	13	29.5%
TOTAL	260	80	30.8%	37	14.2%	197	75.8%	139	53.5%	52	20.0%	44	16.9%	43	16.5%	41	15.8%

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		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Education																	
Education Policy, Research and Administration	108	34	31.5%	4	3.7%	80	74.1%	62	57.4%	29	26.9%	20	18.5%	13	12.0%	12	11.1%
School Psychology	22	6	27.3%	5	22.7%	17	77.3%	15	68.2%	10	45.5%	3	13.6%	2	9.1%	1	4.5%
Student Development	24	8	33.3%	1	4.2%	16	66.7%	14	58.3%	6	25.0%	6	25.0%	2	8.3%	2	8.3%
Teacher Education and Curriculum Studies	84	33	39.3%	3	3.6%	51	60.7%	41	48.8%	17	20.2%	14	16.7%	10	11.9%	10	11.9%
TOTAL	238	81	34.0%	13	5.5%	164	68.9%	132	55.5%	62	26.1%	43	18.1%	27	11.3%	25	10.5%
Engineering																	
Chemical Engineering	64	13	20.3%	2	3.1%	52	81.3%	51	79.7%	48	75.0%	3	4.7%	0	0.0%	0	0.0%
Civil Engineering	45	9	20.0%	5	11.1%	41	91.1%	35	77.8%	30	66.7%	5	11.1%	0	0.0%	1	2.2%
Electrical and Computer Engineering	82	15	18.3%	6	7.3%	66	80.5%	60	73.2%	30	36.6%	23	28.0%	7	8.5%	7	8.5%
Industrial Engineering and Operations Research	25	13	52.0%	9	36.0%	12	48.0%	12	48.0%	11	44.0%	1	4.0%	0	0.0%	0	0.0%
Mechanical Engineering	44	21	47.7%	12	27.3%	24	54.5%	23	52.3%	14	31.8%	6	13.6%	3	6.8%	0	0.0%
TOTAL	260	71	27.3%	34	13.1%	195	75.0%	181	69.6%	133	51.2%	38	14.6%	10	3.8%	8	3.1%
Isenberg School of Management																	
TOTAL	68	17	25.0%	0	0.0%	53	77.9%	51	75.0%	44	64.7%	6	8.8%	1	1.5%	0	0.0%
Nursing																	
Nursing	35	12	34.3%	3	8.6%	27	77.1%	22	62.9%	6	17.1%	7	20.0%	9	25.7%	1	2.9%
Nursing DNP	197	51	25.9%	2	1.0%	148	75.1%	146	74.1%	137	69.5%	4	2.0%	5	2.5%	0	0.0%
TOTAL	232	63	27.2%	5	2.2%	175	75.4%	168	72.4%	143	61.6%	11	4.7%	14	6.0%	1	0.4%
Public Health and Health Sciences																	
Audiology	32	3	9.4%	0	0.0%	29	90.6%	29	90.6%	29	90.6%	0	0.0%	0	0.0%	0	0.0%
Biostatistics	8	4	50.0%	3	37.5%	4	50.0%	4	50.0%	2	25.0%	2	25.0%	0	0.0%	0	0.0%
Communication Disorders	9	3	33.3%	0	0.0%	6	66.7%	6	66.7%	4	44.4%	1	11.1%	1	11.1%	0	0.0%
Community Health Education	11	6	54.5%	0	0.0%	5	45.5%	5	45.5%	0	0.0%	3	27.3%	2	18.2%	0	0.0%
Environmental Health Sciences	1	0	0.0%	0	0.0%	1	100.0%	1	100.0%	0	0.0%	1	100.0%	0	0.0%	0	0.0%
Epidemiology	15	4	26.7%	4	26.7%	11	73.3%	10	66.7%	7	46.7%	3	20.0%	0	0.0%	1	6.7%
Health Policy Management	6	2	33.3%	1	16.7%	4	66.7%	4	66.7%	1	16.7%	2	33.3%	1	16.7%	0	0.0%
Kinesiology	24	8	33.3%	4	16.7%	17	70.8%	15	62.5%	7	29.2%	7	29.2%	1	4.2%	1	4.2%
Public Health Nutrition	12	0	0.0%	0	0.0%	12	100.0%	11	91.7%	4	33.3%	4	33.3%	3	25.0%	1	8.3%
TOTAL	118	30	25.4%	12	10.2%	89	75.4%	85	72.0%	54	45.8%	23	19.5%	8	6.8%	3	2.5%
Campus Total	2,353	693	29.5%	322	13.7%	1,768	75.1%	1,532	65.1%	955	40.6%	385	16.4%	192	8.2%	128	5.4%

Cohorts: Students entering a doctoral program during the academic years (summer, fall or spring term) indicated.

Advanced to Candidacy: Successful completion of coursework and qualifying examinations.

Currently active: Status effective as of Fall 2020.

Based on currently active doctoral programs with at least one student entering between 2007-08 and 2011-12.

Withdrawn includes students who left with the Master's degree.

The number of years of data available ranges from 14 years for 2007-08 cohort to 9 years for the 2011-12 cohort.