

**Doctoral Student Outcomes by School/College and Major
Cohorts Entering 2005-06 to 2009-10**

School/ College and Program	Entering Students	Withdrawn		Left with Master's		Advanced to Candidacy		Earned Doctorate		Earned Doctorate ≤6 Years		Earned Doctorate 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	20	6	30.0%	1	5.0%	16	80.0%	12	60.0%	4	20.0%	4	20.0%	4	20.0%	2	10.0%
Comparative Literature	24	8	33.3%	3	12.5%	17	70.8%	11	45.8%	0	0.0%	5	20.8%	6	25.0%	5	20.8%
English	95	35	36.8%	20	21.1%	59	62.1%	47	49.5%	14	14.7%	21	22.1%	12	12.6%	13	13.7%
German and Scandinavian Studies	10	3	30.0%	0	0.0%	7	70.0%	7	70.0%	0	0.0%	3	30.0%	4	40.0%	0	0.0%
Hispanic Literatures and Linguistics	24	10	41.7%	5	20.8%	17	70.8%	14	58.3%	2	8.3%	7	29.2%	5	20.8%	0	0.0%
History (UMass/Five College)	29	12	41.4%	5	17.2%	21	72.4%	13	44.8%	2	6.9%	4	13.8%	7	24.1%	4	13.8%
Linguistics	33	10	30.3%	8	24.2%	28	84.8%	22	66.7%	13	39.4%	8	24.2%	1	3.0%	1	3.0%
Music	14	6	42.9%	0	0.0%	8	57.1%	5	35.7%	1	7.1%	1	7.1%	3	21.4%	3	21.4%
Philosophy	31	9	29.0%	3	9.7%	24	77.4%	18	58.1%	5	16.1%	6	19.4%	7	22.6%	4	12.9%
TOTAL	280	99	35.4%	45	16.1%	197	70.4%	149	53.2%	41	14.6%	59	21.1%	49	17.5%	32	11.4%
Information and Computer Sciences																	
TOTAL	156	55	35.3%	37	23.7%	111	71.2%	97	62.2%	53	34.0%	30	19.2%	14	9.0%	4	2.6%
Natural Sciences																	
Animal Biotechnology and Biomedical Sciences	22	5	22.7%	5	22.7%	17	77.3%	17	77.3%	13	59.1%	1	4.5%	3	13.6%	0	0.0%
Astronomy	14	5	35.7%	4	28.6%	11	78.6%	8	57.1%	3	21.4%	3	21.4%	2	14.3%	1	7.1%
Chemistry	132	31	23.5%	23	17.4%	103	78.0%	101	76.5%	82	62.1%	19	14.4%	0	0.0%	0	0.0%
Entomology	2	0	0.0%	0	0.0%	2	100.0%	2	100.0%	1	50.0%	1	50.0%	0	0.0%	0	0.0%
Environmental Conservation	32	12	37.5%	4	12.5%	21	65.6%	20	62.5%	8	25.0%	6	18.8%	6	18.8%	0	0.0%
Food Science	30	9	30.0%	7	23.3%	22	73.3%	21	70.0%	19	63.3%	2	6.7%	0	0.0%	0	0.0%
Geosciences	31	11	35.5%	8	25.8%	21	67.7%	19	61.3%	14	45.2%	5	16.1%	0	0.0%	1	3.2%
Marine Science and Technologies	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%
Mathematics	56	25	44.6%	15	26.8%	36	64.3%	31	55.4%	25	44.6%	6	10.7%	0	0.0%	0	0.0%
Microbiology	23	6	26.1%	5	21.7%	18	78.3%	17	73.9%	10	43.5%	5	21.7%	2	8.7%	0	0.0%
Molecular and Cellular Biology	63	18	28.6%	5	7.9%	47	74.6%	44	69.8%	27	42.9%	14	22.2%	3	4.8%	1	1.6%
Neuroscience and Behavior	24	9	37.5%	8	33.3%	17	70.8%	15	62.5%	6	25.0%	8	33.3%	1	4.2%	0	0.0%
Organismic and Evolutionary Biology	34	9	26.5%	6	17.6%	29	85.3%	25	73.5%	16	47.1%	8	23.5%	1	2.9%	0	0.0%
Physics	66	18	27.3%	11	16.7%	61	92.4%	45	68.2%	13	19.7%	24	36.4%	8	12.1%	3	4.5%
Plant Biology	17	6	35.3%	3	17.6%	12	70.6%	11	64.7%	7	41.2%	2	11.8%	2	11.8%	0	0.0%
Plant and Soil Sciences	24	7	29.2%	2	8.3%	18	75.0%	15	62.5%	11	45.8%	4	16.7%	0	0.0%	2	8.3%
Polymer Science and Engineering	101	19	18.8%	16	15.8%	84	83.2%	82	81.2%	69	68.3%	13	12.9%	0	0.0%	0	0.0%
Psychology	68	16	23.5%	9	13.2%	54	79.4%	51	75.0%	35	51.5%	14	20.6%	2	2.9%	1	1.5%
TOTAL	740	206	27.8%	131	17.7%	574	77.6%	525	70.9%	359	48.5%	136	18.4%	30	4.1%	9	1.2%
Social and Behavioral Sciences																	
Anthropology	48	24	50.0%	11	22.9%	19	39.6%	14	29.2%	3	6.3%	2	4.2%	9	18.8%	10	20.8%
Communication	47	11	23.4%	1	2.1%	41	87.2%	30	63.8%	11	23.4%	10	21.3%	9	19.1%	6	12.8%
Economics	55	10	18.2%	6	10.9%	52	94.5%	41	74.5%	17	30.9%	17	30.9%	7	12.7%	4	7.3%
Political Science	53	30	56.6%	18	34.0%	28	52.8%	20	37.7%	4	7.5%	12	22.6%	4	7.5%	3	5.7%
Regional Planning	10	0	0.0%	0	0.0%	10	100.0%	9	90.0%	7	70.0%	2	20.0%	0	0.0%	1	10.0%
Resource Economics	7	3	42.9%	1	14.3%	5	71.4%	4	57.1%	4	57.1%	0	0.0%	0	0.0%	0	0.0%
Sociology	47	13	27.7%	4	8.5%	35	74.5%	22	46.8%	4	8.5%	9	19.1%	9	19.1%	12	25.5%
TOTAL	267	91	34.1%	41	15.4%	190	71.2%	140	52.4%	50	18.7%	52	19.5%	38	14.2%	36	13.5%

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		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Education																	
Education Policy, Research and Administration	131	47	35.9%	10	7.6%	89	67.9%	70	53.4%	36	27.5%	23	17.6%	11	8.4%	14	10.7%
School Psychology	23	6	26.1%	4	17.4%	18	78.3%	17	73.9%	12	52.2%	3	13.0%	2	8.7%	0	0.0%
Student Development	34	14	41.2%	6	17.6%	20	58.8%	15	44.1%	6	17.6%	6	17.6%	3	8.8%	5	14.7%
Teacher Education and Curriculum Studies	104	47	45.2%	9	8.7%	55	52.9%	45	43.3%	18	17.3%	12	11.5%	15	14.4%	12	11.5%
TOTAL	292	114	39.0%	29	9.9%	182	62.3%	147	50.3%	72	24.7%	44	15.1%	31	10.6%	31	10.6%
Engineering																	
Chemical Engineering	66	11	16.7%	2	3.0%	56	84.8%	55	83.3%	51	77.3%	4	6.1%	0	0.0%	0	0.0%
Civil Engineering	27	7	25.9%	2	7.4%	24	88.9%	19	70.4%	17	63.0%	2	7.4%	0	0.0%	1	3.7%
Electrical and Computer Engineering	79	17	21.5%	9	11.4%	62	78.5%	61	77.2%	36	45.6%	18	22.8%	7	8.9%	1	1.3%
Industrial Engineering and Operations Research	12	6	50.0%	5	41.7%	6	50.0%	6	50.0%	4	33.3%	2	16.7%	0	0.0%	0	0.0%
Mechanical Engineering	55	26	47.3%	18	32.7%	30	54.5%	27	49.1%	13	23.6%	12	21.8%	2	3.6%	2	3.6%
TOTAL	239	67	28.0%	36	15.1%	178	74.5%	168	70.3%	121	50.6%	38	15.9%	9	3.8%	4	1.7%
Isenberg School of Management																	
TOTAL	65	13	20.0%	0	0.0%	52	80.0%	50	76.9%	39	60.0%	9	13.8%	2	3.1%	2	3.1%
Nursing																	
Nursing	36	14	38.9%	2	5.6%	23	63.9%	18	50.0%	8	22.2%	3	8.3%	7	19.4%	4	11.1%
Nursing DNP	156	56	35.9%	0	0.0%	100	64.1%	100	64.1%	95	60.9%	1	0.6%	4	2.6%	0	0.0%
TOTAL	192	70	36.5%	2	1.0%	123	64.1%	118	61.5%	103	53.6%	4	2.1%	11	5.7%	4	2.1%
Public Health and Health Sciences																	
Audiology	29	3	10.3%	0	0.0%	26	89.7%	26	89.7%	26	89.7%	0	0.0%	0	0.0%	0	0.0%
Biostatistics	8	4	50.0%	2	25.0%	4	50.0%	4	50.0%	3	37.5%	1	12.5%	0	0.0%	0	0.0%
Communication Disorders	12	5	41.7%	0	0.0%	7	58.3%	7	58.3%	5	41.7%	2	16.7%	0	0.0%	0	0.0%
Community Health Education	13	8	61.5%	1	7.7%	5	38.5%	4	30.8%	1	7.7%	2	15.4%	1	7.7%	1	7.7%
Environmental Health Sciences	1	0	0.0%	0	0.0%	1	100.0%	1	100.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%
Epidemiology	13	5	38.5%	4	30.8%	8	61.5%	7	53.8%	6	46.2%	1	7.7%	0	0.0%	1	7.7%
Health Policy Management	4	1	25.0%	0	0.0%	3	75.0%	3	75.0%	0	0.0%	1	25.0%	2	50.0%	0	0.0%
Kinesiology	31	9	29.0%	5	16.1%	23	74.2%	21	67.7%	14	45.2%	5	16.1%	2	6.5%	1	3.2%
Public Health Nutrition	9	1	11.1%	0	0.0%	8	88.9%	7	77.8%	3	33.3%	0	0.0%	4	44.4%	1	11.1%
TOTAL	120	36	30.0%	12	10.0%	85	70.8%	80	66.7%	59	49.2%	12	10.0%	9	7.5%	4	3.3%
Campus Total	2,351	751	31.9%	333	14.2%	1,692	72.0%	1,474	62.7%	897	38.2%	384	16.3%	193	8.2%	126	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 2018.

Based on currently active doctoral programs with at least one student entering between 2005-06 and 2009-10.

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

The number of years of data available ranges from 14 years for 2005-06 to 9 years for the 2009-10 cohort.