

Doctoral Student Outcomes by School/College and Major
Cohorts Entering 1995-96 to 2002-03

School/ College and Program	Entering Students	Withdrawn		Left with Master's		Advanced to Candidacy		Earned Doctorate		Earned Doctorate ≤6 Years		Earned Doctorate 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	37	8	21.6%	2	5.4%	31	83.8%	27	73.0%	11	29.7%	6	16.2%	10	27.0%	2	5.4%
Comparative Literature	34	14	41.2%	3	8.8%	22	64.7%	17	50.0%	4	11.8%	5	14.7%	8	23.5%	3	8.8%
English	111	40	36.0%	21	18.9%	80	72.1%	67	60.4%	25	22.5%	26	23.4%	16	14.4%	4	3.6%
German and Scandinavian Studies	23	13	56.5%	4	17.4%	14	60.9%	8	34.8%	4	17.4%	3	13.0%	1	4.3%	2	8.7%
Hispanic Literatures and Linguistics	52	16	30.8%	8	15.4%	40	76.9%	30	57.7%	13	25.0%	8	15.4%	9	17.3%	6	11.5%
History (UMass/Five College)	28	7	25.0%	3	10.7%	25	89.3%	19	67.9%	6	21.4%	8	28.6%	5	17.9%	2	7.1%
Linguistics	49	12	24.5%	5	10.2%	44	89.8%	36	73.5%	19	38.8%	13	26.5%	4	8.2%	1	2.0%
Music	6	6	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Philosophy	50	28	56.0%	7	14.0%	27	54.0%	20	40.0%	3	6.0%	12	24.0%	5	10.0%	2	4.0%
TOTAL	390	144	36.9%	53	13.6%	283	72.6%	224	57.4%	85	21.8%	81	20.8%	58	14.9%	22	5.6%
Natural Sciences																	
Animal Biotechnology and Biomedical Sciences	31	9	29.0%	4	12.9%	22	71.0%	22	71.0%	20	64.5%	2	6.5%	0	0.0%	0	0.0%
Astronomy	29	14	48.3%	9	31.0%	17	58.6%	15	51.7%	3	10.3%	9	31.0%	3	10.3%	0	0.0%
Chemistry	184	58	31.5%	34	18.5%	136	73.9%	126	68.5%	101	54.9%	20	10.9%	5	2.7%	0	0.0%
Computer Science	262	152	58.0%	119	45.4%	130	49.6%	105	40.1%	47	17.9%	43	16.4%	15	5.7%	5	1.9%
Entomology	24	11	45.8%	5	20.8%	14	58.3%	13	54.2%	9	37.5%	2	8.3%	2	8.3%	0	0.0%
Environmental Conservation	47	17	36.2%	3	6.4%	32	68.1%	29	61.7%	14	29.8%	7	14.9%	8	17.0%	1	2.1%
Food Science	50	14	28.0%	7	14.0%	37	74.0%	36	72.0%	27	54.0%	8	16.0%	1	2.0%	0	0.0%
Geosciences	33	7	21.2%	3	9.1%	27	81.8%	24	72.7%	11	33.3%	5	15.2%	8	24.2%	2	6.1%
Mathematics	97	63	64.9%	45	46.4%	41	42.3%	34	35.1%	27	27.8%	5	5.2%	2	2.1%	0	0.0%
Microbiology	55	24	43.6%	15	27.3%	36	65.5%	31	56.4%	21	38.2%	10	18.2%	0	0.0%	0	0.0%
Molecular and Cellular Biology	123	39	31.7%	19	15.4%	95	77.2%	84	68.3%	53	43.1%	30	24.4%	1	0.8%	0	0.0%
Neuroscience and Behavior	45	17	37.8%	6	13.3%	30	66.7%	28	62.2%	17	37.8%	9	20.0%	2	4.4%	0	0.0%
Organismic and Evolutionary Biology	53	15	28.3%	5	9.4%	43	81.1%	38	71.7%	23	43.4%	14	26.4%	1	1.9%	0	0.0%
Physics	89	39	43.8%	22	24.7%	60	67.4%	47	52.8%	21	23.6%	15	16.9%	11	12.4%	3	3.4%
Plant Biology	21	15	71.4%	6	28.6%	6	28.6%	6	28.6%	6	28.6%	0	0.0%	0	0.0%	0	0.0%
Plant and Soil Sciences	28	8	28.6%	3	10.7%	21	75.0%	19	67.9%	13	46.4%	6	21.4%	0	0.0%	1	3.6%
Polymer Science and Engineering	139	19	13.7%	19	13.7%	122	87.8%	120	86.3%	102	73.4%	13	9.4%	5	3.6%	0	0.0%
Psychology	122	25	20.5%	15	12.3%	99	81.1%	97	79.5%	67	54.9%	28	23.0%	2	1.6%	0	0.0%
TOTAL	1,432	546	38.1%	339	23.7%	968	67.6%	874	61.0%	582	40.6%	226	15.8%	66	4.6%	12	0.8%
Social and Behavioral Sciences																	
Anthropology	81	37	45.7%	16	19.8%	43	53.1%	29	35.8%	8	9.9%	7	8.6%	14	17.3%	15	18.5%
Communication	72	14	19.4%	7	9.7%	65	90.3%	48	66.7%	19	26.4%	11	15.3%	18	25.0%	10	13.9%
Economics	93	28	30.1%	11	11.8%	79	84.9%	50	53.8%	14	15.1%	20	21.5%	16	17.2%	15	16.1%
Political Science	84	41	48.8%	19	22.6%	47	56.0%	40	47.6%	10	11.9%	13	15.5%	17	20.2%	3	3.6%
Regional Planning	11	5	45.5%	1	9.1%	7	63.6%	6	54.5%	3	27.3%	3	27.3%	0	0.0%	0	0.0%
Sociology	72	40	55.6%	20	27.8%	38	52.8%	24	33.3%	4	5.6%	6	8.3%	14	19.4%	8	11.1%
TOTAL	413	165	40.0%	74	17.9%	279	67.6%	197	47.7%	58	14.0%	60	14.5%	79	19.1%	51	12.3%

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		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Education																	
Education Policy, Research and Administration	214	88	41.1%	14	6.5%	131	61.2%	115	53.7%	64	29.9%	27	12.6%	24	11.2%	11	5.1%
School Psychology	32	7	21.9%	3	9.4%	27	84.4%	25	78.1%	12	37.5%	9	28.1%	4	12.5%	0	0.0%
Student Development	42	14	33.3%	5	11.9%	27	64.3%	22	52.4%	10	23.8%	5	11.9%	7	16.7%	6	14.3%
Teacher Education and Curriculum Studies	251	115	45.8%	28	11.2%	140	55.8%	117	46.6%	58	23.1%	29	11.6%	30	12.0%	19	7.6%
TOTAL	539	224	41.6%	50	9.3%	325	60.3%	279	51.8%	144	26.7%	70	13.0%	65	12.1%	36	6.7%
Engineering																	
Chemical Engineering	101	34	33.7%	21	20.8%	70	69.3%	67	66.3%	57	56.4%	10	9.9%	0	0.0%	0	0.0%
Civil Engineering	48	25	52.1%	16	33.3%	29	60.4%	22	45.8%	17	35.4%	4	8.3%	1	2.1%	1	2.1%
Electrical and Computer Engineering	156	74	47.4%	39	25.0%	85	54.5%	82	52.6%	60	38.5%	16	10.3%	6	3.8%	0	0.0%
Industrial Engineering and Operations Research	52	31	59.6%	17	32.7%	22	42.3%	20	38.5%	13	25.0%	4	7.7%	3	5.8%	1	1.9%
Mechanical Engineering	107	72	67.3%	55	51.4%	39	36.4%	33	30.8%	30	28.0%	3	2.8%	0	0.0%	2	1.9%
TOTAL	464	236	50.9%	148	31.9%	245	52.8%	224	48.3%	177	38.1%	37	8.0%	10	2.2%	4	0.9%
Isenberg School of Management																	
Resource Economics	18	2	11.1%	0	0.0%	16	88.9%	16	88.9%	15	83.3%	0	0.0%	1	5.6%	0	0.0%
School of Management	89	25	28.1%	2	2.2%	66	74.2%	63	70.8%	35	39.3%	20	22.5%	8	9.0%	1	1.1%
Sport Management	13	4	30.8%	3	23.1%	9	69.2%	9	69.2%	8	61.5%	0	0.0%	1	7.7%	0	0.0%
TOTAL	120	31	25.8%	5	4.2%	91	75.8%	88	73.3%	58	48.3%	20	16.7%	10	8.3%	1	0.8%
Nursing																	
Nursing	34	6	17.6%	0	0.0%	28	82.4%	27	79.4%	21	61.8%	2	5.9%	4	11.8%	1	2.9%
TOTAL	34	6	17.6%	0	0.0%	28	82.4%	27	79.4%	21	61.8%	2	5.9%	4	11.8%	1	2.9%
Public Health and Health Sciences																	
Communication Disorders	9	3	33.3%	0	0.0%	8	88.9%	5	55.6%	3	33.3%	1	11.1%	1	11.1%	1	11.1%
Kinesiology	40	16	40.0%	6	15.0%	25	62.5%	23	57.5%	11	27.5%	8	20.0%	4	10.0%	1	2.5%
Public Health	38	16	42.1%	8	21.1%	24	63.2%	22	57.9%	11	28.9%	8	21.1%	3	7.9%	0	0.0%
TOTAL	87	35	40.2%	14	16.1%	57	65.5%	50	57.5%	25	28.7%	17	19.5%	8	9.2%	2	2.3%
Campus Total																	

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 2011

Based on currently active doctoral programs with at least one student entering between 1995-96 and 2002-03.

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

The number of years of data available ranges from 16 years for 1995-96 to 9 years for the 2002-2003 cohort.