

**Doctoral Student Outcomes by School/College and Major  
Cohorts Entering 2006-07 to 2010-11**

School/ College and Program	Entering Students	Withdrawn		Left with Master's		Advanced to Candidacy		Earned Doctorate		Earned Doctorate ≤6 Years		Earned Doctorate 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.	%
<b>Humanities and Fine Arts</b>																	
Afro-American Studies	21	6	28.6%	1	4.8%	17	81.0%	12	57.1%	5	23.8%	5	23.8%	2	9.5%	3	14.3%
Comparative Literature	25	6	24.0%	2	8.0%	19	76.0%	14	56.0%	0	0.0%	7	28.0%	7	28.0%	5	20.0%
English	86	32	37.2%	17	19.8%	57	66.3%	43	50.0%	14	16.3%	16	18.6%	13	15.1%	11	12.8%
German and Scandinavian Studies	9	3	33.3%	1	11.1%	4	44.4%	4	44.4%	0	0.0%	2	22.2%	2	22.2%	2	22.2%
Hispanic Literatures and Linguistics	27	11	40.7%	6	22.2%	18	66.7%	13	48.1%	1	3.7%	8	29.6%	4	14.8%	3	11.1%
History (UMass/Five College)	29	12	41.4%	4	13.8%	22	75.9%	15	51.7%	2	6.9%	5	17.2%	8	27.6%	2	6.9%
Linguistics	31	12	38.7%	9	29.0%	24	77.4%	18	58.1%	11	35.5%	6	19.4%	1	3.2%	1	3.2%
Music	12	4	33.3%	0	0.0%	7	58.3%	3	25.0%	0	0.0%	1	8.3%	2	16.7%	5	41.7%
Philosophy	33	11	33.3%	3	9.1%	25	75.8%	17	51.5%	5	15.2%	7	21.2%	5	15.2%	5	15.2%
<b>TOTAL</b>	<b>273</b>	<b>97</b>	<b>35.5%</b>	<b>43</b>	<b>15.8%</b>	<b>193</b>	<b>70.7%</b>	<b>139</b>	<b>50.9%</b>	<b>38</b>	<b>13.9%</b>	<b>57</b>	<b>20.9%</b>	<b>44</b>	<b>16.1%</b>	<b>37</b>	<b>13.6%</b>
<b>Information and Computer Sciences</b>																	
<b>TOTAL</b>	<b>147</b>	<b>52</b>	<b>35.4%</b>	<b>35</b>	<b>23.8%</b>	<b>105</b>	<b>71.4%</b>	<b>95</b>	<b>64.6%</b>	<b>53</b>	<b>36.1%</b>	<b>29</b>	<b>19.7%</b>	<b>13</b>	<b>8.8%</b>	<b>0</b>	
<b>Natural Sciences</b>																	
Animal Biotechnology and Biomedical Sciences	23	7	30.4%	7	30.4%	16	69.6%	16	69.6%	12	52.2%	2	8.7%	2	8.7%	0	0.0%
Astronomy	19	6	31.6%	5	26.3%	15	78.9%	13	68.4%	4	21.1%	4	21.1%	5	26.3%	0	0.0%
Chemistry	130	31	23.8%	26	20.0%	102	78.5%	98	75.4%	75	57.7%	23	17.7%	0	0.0%	1	0.8%
Entomology	3	0	0.0%	0	0.0%	3	100.0%	3	100.0%	2	66.7%	1	33.3%	0	0.0%	0	0.0%
Environmental Conservation	32	14	43.8%	6	18.8%	19	59.4%	18	56.3%	6	18.8%	6	18.8%	6	18.8%	0	0.0%
Food Science	33	7	21.2%	6	18.2%	27	81.8%	26	78.8%	22	66.7%	4	12.1%	0	0.0%	0	0.0%
Geosciences	32	12	37.5%	9	28.1%	20	62.5%	18	56.3%	14	43.8%	4	12.5%	0	0.0%	2	6.3%
Mathematics	50	20	40.0%	13	26.0%	32	64.0%	30	60.0%	21	42.0%	9	18.0%	0	0.0%	0	0.0%
Microbiology	27	9	33.3%	6	22.2%	19	70.4%	18	66.7%	11	40.7%	5	18.5%	2	7.4%	0	0.0%
Molecular and Cellular Biology	66	21	31.8%	7	10.6%	48	72.7%	44	66.7%	26	39.4%	15	22.7%	3	4.5%	1	1.5%
Neuroscience and Behavior	24	10	41.7%	8	33.3%	18	75.0%	14	58.3%	6	25.0%	7	29.2%	1	4.2%	0	0.0%
Organismic and Evolutionary Biology	28	9	32.1%	6	21.4%	23	82.1%	19	67.9%	10	35.7%	8	28.6%	1	3.6%	0	0.0%
Physics	66	18	27.3%	11	16.7%	61	92.4%	44	66.7%	13	19.7%	21	31.8%	10	15.2%	4	6.1%
Plant Biology	16	7	43.8%	2	12.5%	11	68.8%	9	56.3%	6	37.5%	2	12.5%	1	6.3%	0	0.0%
Plant and Soil Sciences	21	4	19.0%	0	0.0%	17	81.0%	16	76.2%	12	57.1%	2	9.5%	2	9.5%	1	4.8%
Polymer Science and Engineering	110	17	15.5%	14	12.7%	95	86.4%	93	84.5%	83	75.5%	10	9.1%	0	0.0%	0	0.0%
Psychology	60	18	30.0%	12	20.0%	44	73.3%	41	68.3%	29	48.3%	10	16.7%	2	3.3%	1	1.7%
<b>TOTAL</b>	<b>740</b>	<b>210</b>	<b>28.4%</b>	<b>138</b>	<b>18.6%</b>	<b>570</b>	<b>77.0%</b>	<b>520</b>	<b>70.3%</b>	<b>352</b>	<b>47.6%</b>	<b>133</b>	<b>18.0%</b>	<b>35</b>	<b>4.7%</b>	<b>10</b>	<b>1.4%</b>
<b>Social and Behavioral Sciences</b>																	
Anthropology	44	23	52.3%	11	25.0%	19	43.2%	12	27.3%	1	2.3%	2	4.5%	9	20.5%	9	20.5%
Communication	42	6	14.3%	0	0.0%	39	92.9%	30	71.4%	10	23.8%	12	28.6%	8	19.0%	6	14.3%
Economics	55	9	16.4%	5	9.1%	52	94.5%	43	78.2%	22	40.0%	14	25.5%	7	12.7%	3	5.5%
Political Science	50	31	62.0%	18	36.0%	24	48.0%	18	36.0%	4	8.0%	8	16.0%	6	12.0%	1	2.0%
Regional Planning	11	1	9.1%	0	0.0%	10	90.9%	10	90.9%	7	63.6%	2	18.2%	1	9.1%	0	0.0%
Resource Economics	8	3	37.5%	1	12.5%	6	75.0%	5	62.5%	5	62.5%	0	0.0%	0	0.0%	0	0.0%
Sociology	42	13	31.0%	4	9.5%	30	71.4%	19	45.2%	3	7.1%	6	14.3%	10	23.8%	10	23.8%
<b>TOTAL</b>	<b>252</b>	<b>86</b>	<b>34.1%</b>	<b>39</b>	<b>15.5%</b>	<b>180</b>	<b>71.4%</b>	<b>137</b>	<b>54.4%</b>	<b>52</b>	<b>20.6%</b>	<b>44</b>	<b>17.5%</b>	<b>41</b>	<b>16.3%</b>	<b>29</b>	<b>11.5%</b>

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		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<b>Education</b>																	
Education Policy, Research and Administration	127	42	33.1%	6	4.7%	91	71.7%	73	57.5%	35	27.6%	23	18.1%	15	11.8%	12	9.4%
School Psychology	21	6	28.6%	5	23.8%	16	76.2%	15	71.4%	12	57.1%	2	9.5%	1	4.8%	0	0.0%
Student Development	29	12	41.4%	5	17.2%	17	58.6%	15	51.7%	8	27.6%	4	13.8%	3	10.3%	2	6.9%
Teacher Education and Curriculum Studies	102	44	43.1%	4	3.9%	58	56.9%	44	43.1%	20	19.6%	14	13.7%	10	9.8%	14	13.7%
<b>TOTAL</b>	<b>279</b>	<b>104</b>	<b>37.3%</b>	<b>20</b>	<b>7.2%</b>	<b>182</b>	<b>65.2%</b>	<b>147</b>	<b>52.7%</b>	<b>75</b>	<b>26.9%</b>	<b>43</b>	<b>15.4%</b>	<b>29</b>	<b>10.4%</b>	<b>28</b>	<b>10.0%</b>
<b>Engineering</b>																	
Chemical Engineering	67	14	20.9%	2	3.0%	54	80.6%	53	79.1%	49	73.1%	4	6.0%	0	0.0%	0	0.0%
Civil Engineering	35	8	22.9%	3	8.6%	32	91.4%	26	74.3%	22	62.9%	4	11.4%	0	0.0%	1	2.9%
Electrical and Computer Engineering	84	18	21.4%	8	9.5%	65	77.4%	61	72.6%	33	39.3%	22	26.2%	6	7.1%	5	6.0%
Industrial Engineering and Operations Research	18	8	44.4%	5	27.8%	10	55.6%	10	55.6%	9	50.0%	1	5.6%	0	0.0%	0	0.0%
Mechanical Engineering	53	27	50.9%	16	30.2%	28	52.8%	25	47.2%	14	26.4%	9	17.0%	2	3.8%	1	1.9%
<b>TOTAL</b>	<b>257</b>	<b>75</b>	<b>29.2%</b>	<b>34</b>	<b>13.2%</b>	<b>189</b>	<b>73.5%</b>	<b>175</b>	<b>68.1%</b>	<b>127</b>	<b>49.4%</b>	<b>40</b>	<b>15.6%</b>	<b>8</b>	<b>3.1%</b>	<b>7</b>	<b>2.7%</b>
<b>Isenberg School of Management</b>																	
<b>TOTAL</b>	<b>70</b>	<b>18</b>	<b>25.7%</b>	<b>0</b>	<b>0.0%</b>	<b>53</b>	<b>75.7%</b>	<b>50</b>	<b>71.4%</b>	<b>41</b>	<b>58.6%</b>	<b>7</b>	<b>10.0%</b>	<b>2</b>	<b>2.9%</b>	<b>2</b>	<b>2.9%</b>
<b>Nursing</b>																	
Nursing	39	16	41.0%	3	7.7%	25	64.1%	22	56.4%	7	17.9%	6	15.4%	9	23.1%	1	2.6%
Nursing DNP	198	66	33.3%	1	0.5%	133	67.2%	132	66.7%	124	62.6%	4	2.0%	4	2.0%	0	0.0%
<b>TOTAL</b>	<b>237</b>	<b>82</b>	<b>34.6%</b>	<b>4</b>	<b>1.7%</b>	<b>158</b>	<b>66.7%</b>	<b>154</b>	<b>65.0%</b>	<b>131</b>	<b>55.3%</b>	<b>10</b>	<b>4.2%</b>	<b>13</b>	<b>5.5%</b>	<b>1</b>	<b>0.4%</b>
<b>Public Health and Health Sciences</b>																	
Audiology	34	4	11.8%	0	0.0%	30	88.2%	30	88.2%	30	88.2%	0	0.0%	0	0.0%	0	0.0%
Biostatistics	9	4	44.4%	3	33.3%	5	55.6%	5	55.6%	3	33.3%	2	22.2%	0	0.0%	0	0.0%
Communication Disorders	12	5	41.7%	0	0.0%	7	58.3%	6	50.0%	5	41.7%	1	8.3%	0	0.0%	1	8.3%
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	16	6	37.5%	5	31.3%	9	56.3%	8	50.0%	6	37.5%	2	12.5%	0	0.0%	2	12.5%
Health Policy Management	5	2	40.0%	1	20.0%	3	60.0%	3	60.0%	0	0.0%	1	20.0%	2	40.0%	0	0.0%
Kinesiology	30	9	30.0%	4	13.3%	22	73.3%	20	66.7%	10	33.3%	7	23.3%	3	10.0%	1	3.3%
Public Health Nutrition	8	1	12.5%	0	0.0%	7	87.5%	6	75.0%	3	37.5%	0	0.0%	3	37.5%	1	12.5%
<b>TOTAL</b>	<b>128</b>	<b>39</b>	<b>30.5%</b>	<b>14</b>	<b>10.9%</b>	<b>89</b>	<b>69.5%</b>	<b>83</b>	<b>64.8%</b>	<b>59</b>	<b>46.1%</b>	<b>15</b>	<b>11.7%</b>	<b>9</b>	<b>7.0%</b>	<b>6</b>	<b>4.7%</b>
<b>Campus Total</b>	<b>2,383</b>	<b>763</b>	<b>32.0%</b>	<b>327</b>	<b>13.7%</b>	<b>1,719</b>	<b>72.1%</b>	<b>1,500</b>	<b>62.9%</b>	<b>928</b>	<b>38.9%</b>	<b>378</b>	<b>15.9%</b>	<b>194</b>	<b>8.1%</b>	<b>120</b>	<b>5.0%</b>

**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 2019.

Based on currently active doctoral programs with at least one student entering between 2006-07 and 2010-11.

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

The number of years of data available ranges from 14 years for 2006-07 cohort to 9 years for the 2010-11 cohort.