

Penn State Programs in the Top 10% of Each Variable Used in the NRC Rating Calculation

Variable	Number of Penn State Programs in Top 10%	Names and Rankings of Penn State Programs in Top 10%	Number of Programs that were Number 1	Name of Programs that were Number 1
Publications per Allocated Faculty, 2001-2006 (Non-Humanities)	12	Astronomy & Astrophysics – 1 of 33 Sociology – 2 of 120 Anthropology – 2 of 82 Kinesiology – 2 of 41 Demography – 4 of 120 Mathematics – 4 of 127 Biology – 5 of 121 Plant Biology – 8 of 118 Political Science – 10 of 106 Electrical Engineering – 11 of 136 Environmental Engineering – 11 of 131 Chemistry – 12 of 180	1	Astronomy & Astrophysics - 1 of 33
Average Citations per Publication (Non-Humanities)	6	Anthropology – 1 of 82 Plant Biology – 5 of 118 Environmental Engineering – 6 of 131 Biology – 6 of 121 Operations Research – 7 of 74 Political Science – 9 of 106	1	Anthropology – 1 of 82
Percent of Faculty with Grants	11	Wildlife & Fisheries Science – 1 of 34 Astronomy and Astrophysics – 2 of 33 Spanish – 3 of 60 German – 3 of 31 Food Science – 3 of 31 Demography – 4 of 120 Acoustics – 5 of 128 Philosophy – 6 of 90 Physics – 7 of 162 Mathematics – 7 of 127 Human Development & Family Studies – 13 of 237	1	Wildlife & Fisheries Science – 1 of 34
Percent Interdisciplinary Faculty, 2006	25	Plant Pathology – 9 of 118 Nursing – 3 of 55 Environmental Engineering – 3 of 131 Civil Engineering – 10 of 131 Electrical Engineering – 5 of 136 English – 3 of 122 French – 3 of 43 German – 1 of 31 History – 12 of 138 Art History – 5 of 58 Philosophy – 1 of 90 Chemistry – 2 of 180 Computer Science & Engineering – 9 of 128 Soil Science – 11 of 142 Geosciences – 14 of 142 Mathematics – 2 of 127 Physics – 6 of 162 Agricultural, Environmental & Regional Anthropology – 3 of 82 Communication Arts & Sciences – 1 of 83 Geography – 4 of 49 Political Science – 5 of 106 Psychology – 11 of 237 Human Development & Family Studies – 22 of 237 Public Administration – 3 of 54 Rural Sociology – 6 of 120	3	German – 1 of 31 Philosophy – 1 of 90 Communication Arts & Sciences – 1 of 83

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Percent Non-Asian Minority Faculty of Core and New Faculty, 2006	10	Petroleum & Mineral Engineering – 1 of 106 Energy & Geo-Environmental Engineering – 7 of 106 Environmental Engineering – 6 of 131 Civil Engineering – 13 of 131 Industrial And Manufacturing Engineering – 7 of 74 German – 2 of 31 Astronomy & Astrophysics – 2 of 33 Physics – 15 of 162 Geography – 3 of 49 Human Development and Family Studies – 19 of 237	1	Petroleum & Mineral Engineering – 1 of 106
Percent Female Faculty of Core and New Faculty, 2006	9	Biochemistry & Molecular Biology – 12 of 158 Nursing – 1 of 55 Electrical Engineering – 13 of 136 French – 3 of 43 Philosophy – 1 of 90 Spanish – 4 of 60 Physics – 13 of 162 Political Science – 2 of 106 Human Development and Family Studies – 15 of 237	2	Nursing – 1 of 55 Philosophy – 1 of 90
Awards per Allocated Faculty	5	Plant Biology – 1 of 118 Operations Research – 6 of 74 Sociology – 11 of 120 Biology – 11 of 121 Chemistry – 13 of 180	1	Plant Biology – 1 of 118
Average GRE, 2004-2006 (Verbal Measure for the Humanities, Quantitative Measure for All Other Fields)	13	Plant Biology – 8 of 118 Biology – 8 of 121 Genetics – 4 of 66 Electrical Engineering – 2 of 136 Mechanical Engineering – 4 of 128 Industrial and Manufacturing Engineering – 4 of 74 History – 11 of 138 Philosophy – 7 of 90 Computer Science and Engineering – 9 of 128 Mathematics – 1 of 127 Physics – 1 of 162 Economics – 4 of 118 Geography – 3 of 49	2	Mathematics – 1 of 127 Physics – 1 of 162
Percent Students Receiving Full Support in the First Year (Fall 2005) ¹	49 ¹	Plant Biology – 1 of 118 Mechanical Engineering – 1 of 128 Environmental Engineering – 1 of 131 Petroleum and Mineral Engineering – 1 of 106 Chemical Engineering – 1 of 106 Bioengineering – 1 of 74 Physiology – 1 of 63 Cell and Molecular Biology – 1 of 122 Pathobiology – 1 of 121 Biology – 1 of 121 Genetics – 1 of 66 Biochemistry and Molecular Biology – 1 of 158 French – 1 of 43 Horticulture – 1 of 118 Plant Pathology – 1 of 118 Nutritional Sciences – 1 of 45 Forest Resources – 1 of 34 Food Science – 1 of 31 Entomology – 1 of 28 Pharmacology – 1 of 118 Nursing – 1 of 55 Neuroscience – 1 of 94 Microbiology and Immunology – 1 of 74 Biochemistry, Microbiology and Molecular Biology – 1 of 158 Meteorology – 1 of 50	45 ¹	Plant Biology – 1 of 118 Mechanical Engineering – 1 of 128 Environmental Engineering – 1 of 131 Petroleum and Mineral Engineering – 1 of 106 Chemical Engineering – 1 of 106 Bioengineering – 1 of 74 Physiology – 1 of 63 Cell and Molecular Biology – 1 of 122 Pathobiology – 1 of 121 Biology – 1 of 121 Genetics – 1 of 66 Biochemistry and Molecular Biology – 1 of 158 French – 1 of 43 Horticulture – 1 of 118 Plant Pathology – 1 of 118 Nutritional Sciences – 1 of 45 Forest Resources – 1 of 34 Food Science – 1 of 31 Entomology – 1 of 28 Pharmacology – 1 of 118 Nursing – 1 of 55 Neuroscience – 1 of 94 Microbiology and Immunology – 1 of 74 Biochemistry, Microbiology and Molecular Biology – 1 of 158 Meteorology – 1 of 50

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		Demography – 1 of 120 Sociology – 1 of 120 Public Administration – 1 of 54 Human Development and Family Studies – 1 of 237 Psychology – 1 of 237 Communication Arts and Sciences – 1 of 83 Anthropology – 1 of 82 Comparative Literature – 1 of 46 Physics – 1 of 162 English – 1 of 122 Soil Science – 1 of 142 Geosciences – 1 of 142 Chemistry – 1 of 180 Astronomy and Astrophysics – 1 of 33 Spanish – 1 of 60 Philosophy – 1 of 90 Art History – 1 of 58 History – 1 of 138 German – 1 of 31 Rural Sociology – 1 of 120 Statistics – 3 of 61 Political Science – 4 of 106 Mathematics – 6 of 127 Economics – 7 of 118		Demography – 1 of 120 Sociology – 1 of 120 Public Administration – 1 of 54 Human Development and Family Studies – 1 of 237 Psychology – 1 of 237 Communication Arts and Sciences – 1 of 83 Anthropology – 1 of 82 Comparative Literature – 1 of 46 Physics – 1 of 162 English – 1 of 122 Soil Science – 1 of 142 Geosciences – 1 of 142 Chemistry – 1 of 180 Astronomy and Astrophysics – 1 of 33 Spanish – 1 of 60 Philosophy – 1 of 90 Art History – 1 of 58 History – 1 of 138 German – 1 of 31 Rural Sociology – 1 of 120
Percent First-Year Students with External Funding, 2005	9	Horticulture – 6 of 118 Plant Biology – 7 of 118 Plant Pathology – 9 of 118 Physiology – 3 of 63 Chemical Engineering – 10 of 106 French – 4 of 43 Spanish – 6 of 60 Geosciences 8 of 142 Mass Communications – 8 of 83		
Percent Non-Asian Minority Students, 2005	3	Petroleum and Mineral Engineering – 1 of 106 Computer Science & Engineering – 9 of 128 Soil Science – 1 of 142	2	Petroleum and Mineral Engineering – 1 of 106 Soil Science – 1 of 142
Percent Female Students, 2005	7	Biochemistry & Molecular Biology – 11 of 158 Chemical Engineering – 8 of 106 Environmental Engineering – 12 of 131 Acoustics – 6 of 128 Art History – 5 of 58 Communication Arts & Sciences – 1 of 83 Human Development & Family Studies – 8 of 237	1	Communication Arts & Sciences – 1 of 83
Average Annual Ph.D.'s Graduated 2002-2006	10	Biochemistry, Microbiology & Molecular Biology – 4 of 158 Kinesiology – 2 of 41 Mechanical Engineering – 10 of 128 Materials Science & Engineering – 2 of 84 Industrial and Manufacturing Engineering – 7 of 74 Philosophy – 8 of 90 Chemistry – 8 of 180 Geosciences – 10 of 142 Geography – 3 of 49 Psychology – 9 of 237		
Average Completions (8-Year Completion Percentage for Humanities Fields, 6 Years for Other Fields)	4	Pharmacology – 10 of 118 Environmental Engineering – 13 of 131 Soil Science – 14 of 142 Rural Sociology – 6 of 120		

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Median Time to Degree (for Full- and Part-Time Graduates)	26	Plant Pathology – 4 of 118 Pathobiology – 12 of 121 Ecology – 5 of 94 Genetics – 2 of 66 Kinesiology – 3 of 41 Microbiology and Immunology – 7 of 74 Neuroscience – 6 of 94 Nursing – 4 of 55 Aerospace Engineering – 2 of 31 Bioengineering – 6 of 74 Energy and Geo-Environmental Engineering – 8 of 106 Petroleum and Mineral Engineering – 5 of 106 Chemical Engineering – 2 of 106 Materials Science and Engineering – 6 of 84 Comparative Literature – 3 of 46 English – 3 of 122 Spanish – 5 of 60 Computer Science and Engineering – 8 of 128 Soil Science – 14 of 142 Agricultural, Environmental & Regional Economics – 2 of 28 Anthropology – 2 of 82 Geography – 4 of 49 Political Science – 8 of 106 Demography – 9 of 120 Sociology – 5 of 120 Rural Sociology – 3 of 120		
Percent Ph.D.'s with Definite Plans for an Academic Position, 2001-2005	4	Genetics – 5 of 66 Nursing – 4 of 55 Art History – 3 of 58 Spanish – 2 of 60		

¹ Rank position shared with one or more other institutions having identical percentage value for this metric.