

***A Data-Based Assessment  
of Research-Doctorate Programs  
in the United States***

National Research Council

Initial Analysis for University of California, Davis  
Brief Report  
September 28, 2010

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## About the NRC Study

The National Research Council (NRC) has reported the results of its latest project to assess U.S. research doctorate programs. This is the most comprehensive survey of research doctorate programs in the United States. The NRC has reported data for 5000 programs at 212 different institutions across 62 fields of study. Each participating university provided data at an institutional level, at the program level and at the faculty level. Additionally, students in five selected fields were invited to complete questionnaires regarding their programs.

The assessment offers data for each program on 20 characteristic variables:

- Publications per allocated faculty member
- Citations per publication
- Percent faculty with grants
- Percent faculty Interdisciplinary
- Percent non-Asian minority faculty
- Percent female faculty
- Awards per allocated faculty
- Average GRE-Q
- Percent 1st-yr. students with full support
- Percent 1st-yr. students with external funding
- Percent non-Asian minority students
- Percent female students
- Percent international students
- Average PhDs 2002 to 2006
- Percent completing within 6 years
- Time to degree
- Percent students in academic positions
- Student work space
- Health insurance
- Number of student activities offered

The assessment also illustrates how the data can be used to rank the quality of programs based on the importance of particular characteristics to various users. It does not include an authoritative declaration of the 'best programs' in given fields, as the study committee concluded that no single such ranking can be produced in an unambiguous and rigorous way. Rather, to illustrate how the data can be used to assess and compare the quality of programs, the report offers five sets of rankings of programs in each field. These illustrative rankings should not be interpreted as definitive conclusions about the relative quality of doctoral programs, nor are they endorsed as such by the National Research Council. Rather, they demonstrate how the data can be used to rank programs based on the importance of particular characteristics to various users -- in this case, to faculty at participating institutions.

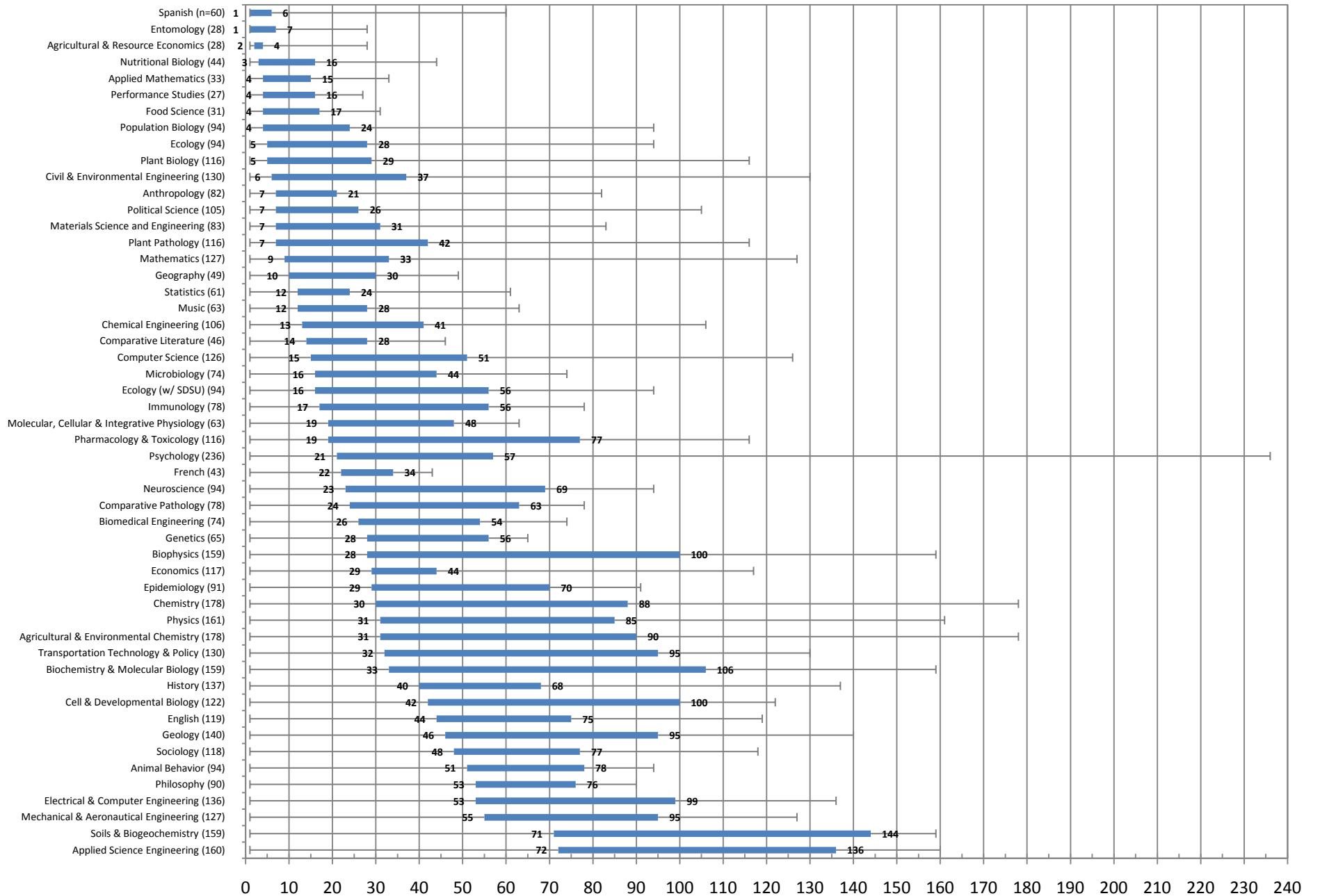
The approach used to generate the illustrative rankings incorporates both data on program characteristics and faculty values. For each program, the study analyzed data on 20 characteristics, "weighing" the data according to the characteristics valued most by faculty in that field. The rankings are given in broad ranges rather than as single numbers, to reflect some of the uncertainties inherent in any effort to rank programs by quality.

The full set of illustrative rankings includes overall rankings based on weights of characteristic variables determined from a direct survey that asked faculty to rate the importance of the 20 different program characteristics in determining the quality of a program (S weights). In addition, a second set of rankings is based on an indirect way of determining the importance faculty attach to various characteristics. First, groups of randomly selected faculty were asked to rate the quality of a sample of representative programs in their field. Based on the sample program ratings, weights were assigned to each of the 20 characteristics using statistical techniques (R weights). Additional rankings are based on research activity, student support and outcomes and diversity of the academic environment.

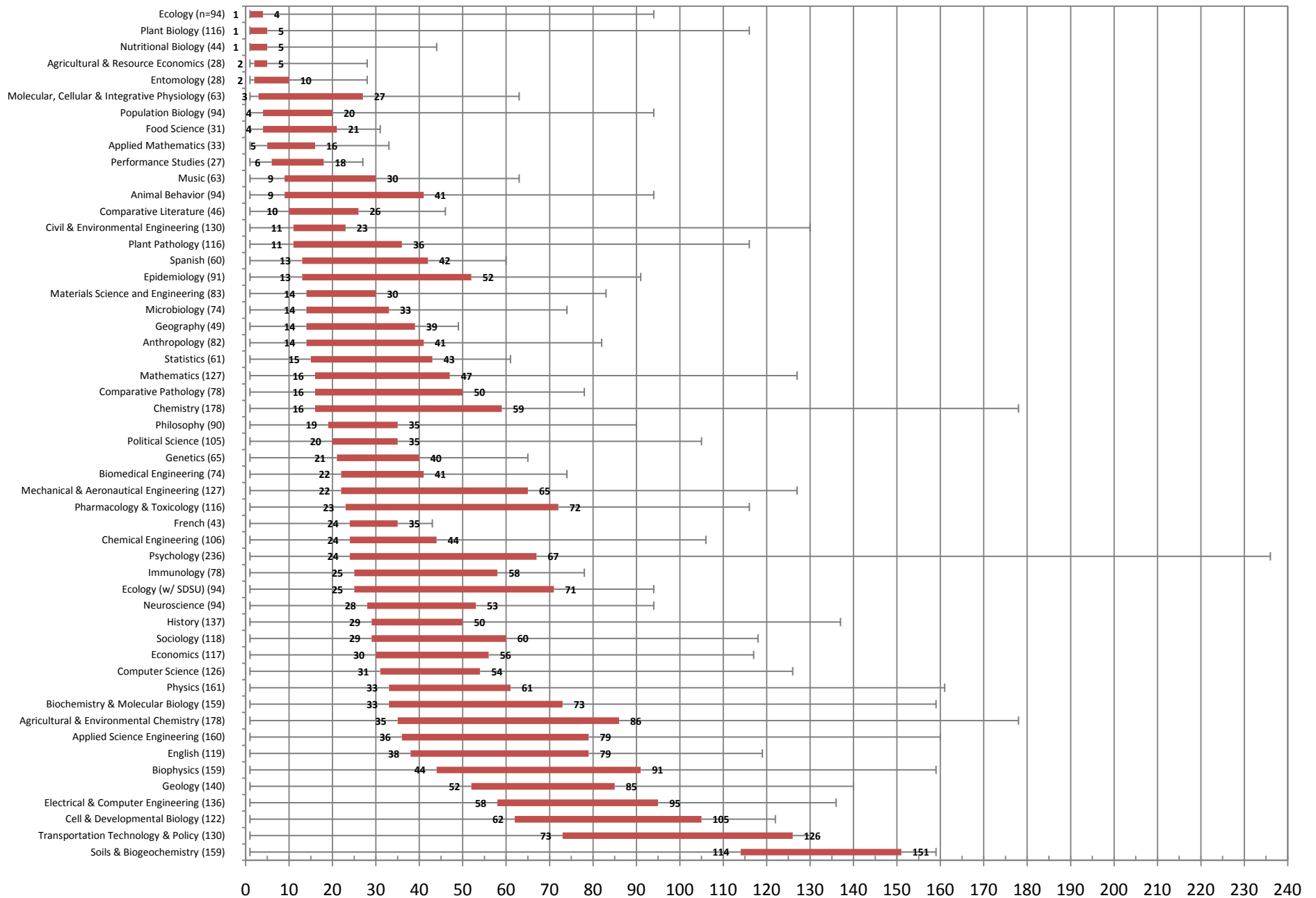
## UC Davis Coordination

Jeffery Gibeling, Dean of Graduate Studies, was designated to serve as the UC Davis Institutional Coordinator (IC) for this project. In that capacity, he is the campus liaison to the NRC. Helen Frasier, Director of Analysis and Policy, Office of Graduate Studies, is the principal technical coordinator and contact person for the NRC Assessment Survey on the Davis campus. In July 2006, each eligible program was asked to name a Program Responder (faculty or staff) who will serve as the principal contact person for that program.

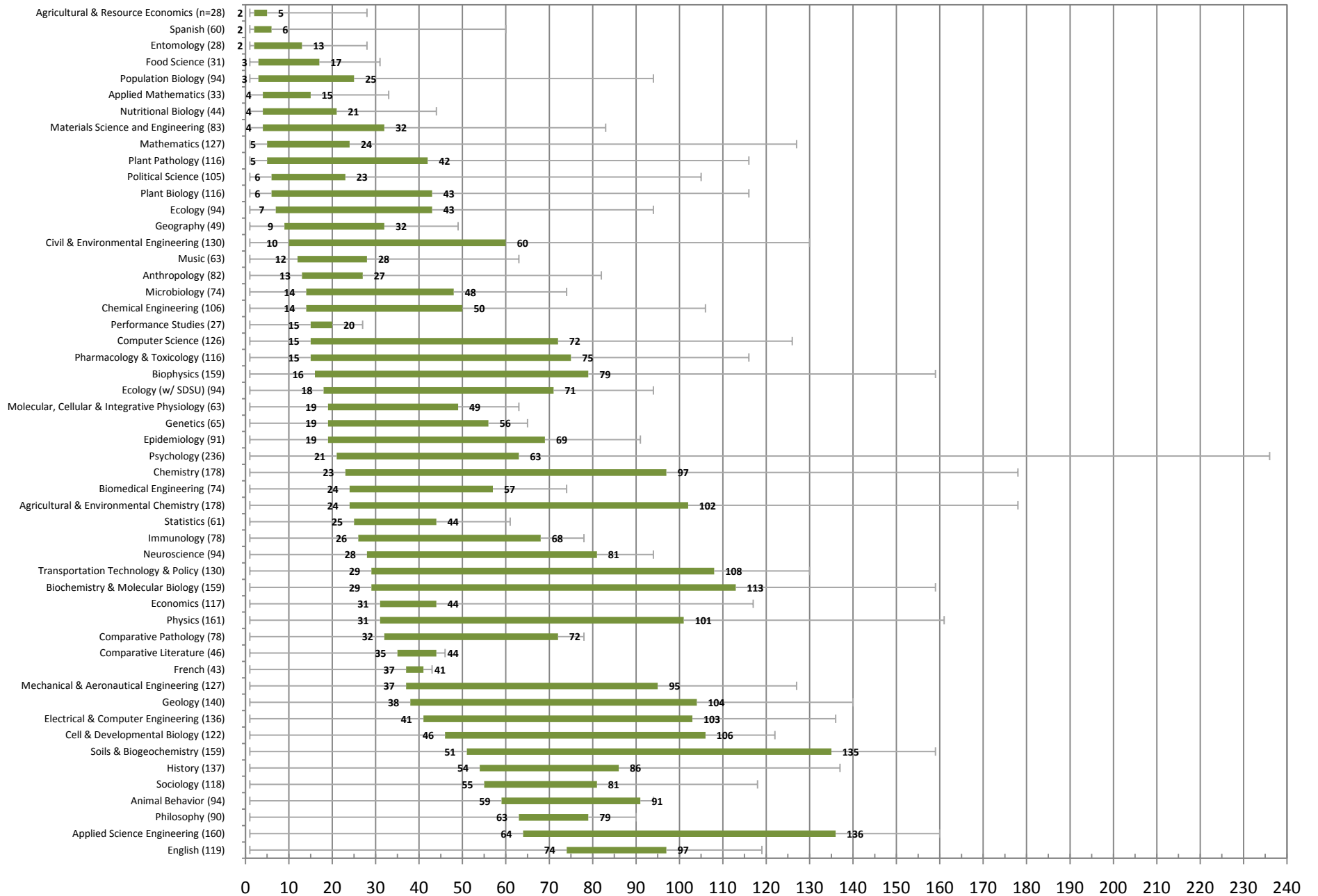
# Rankings for UC Davis Overall S-Rankings



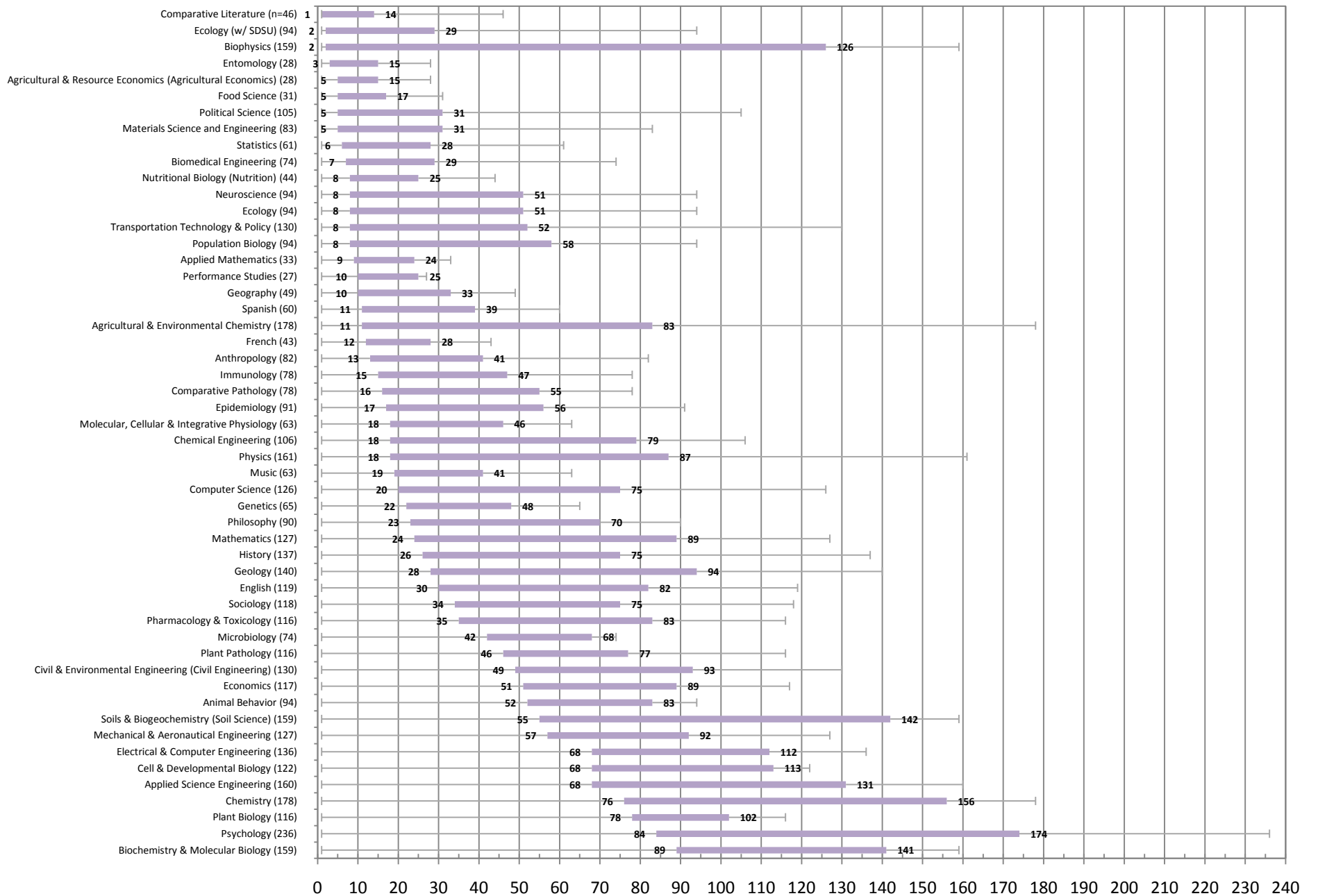
# R-Rankings



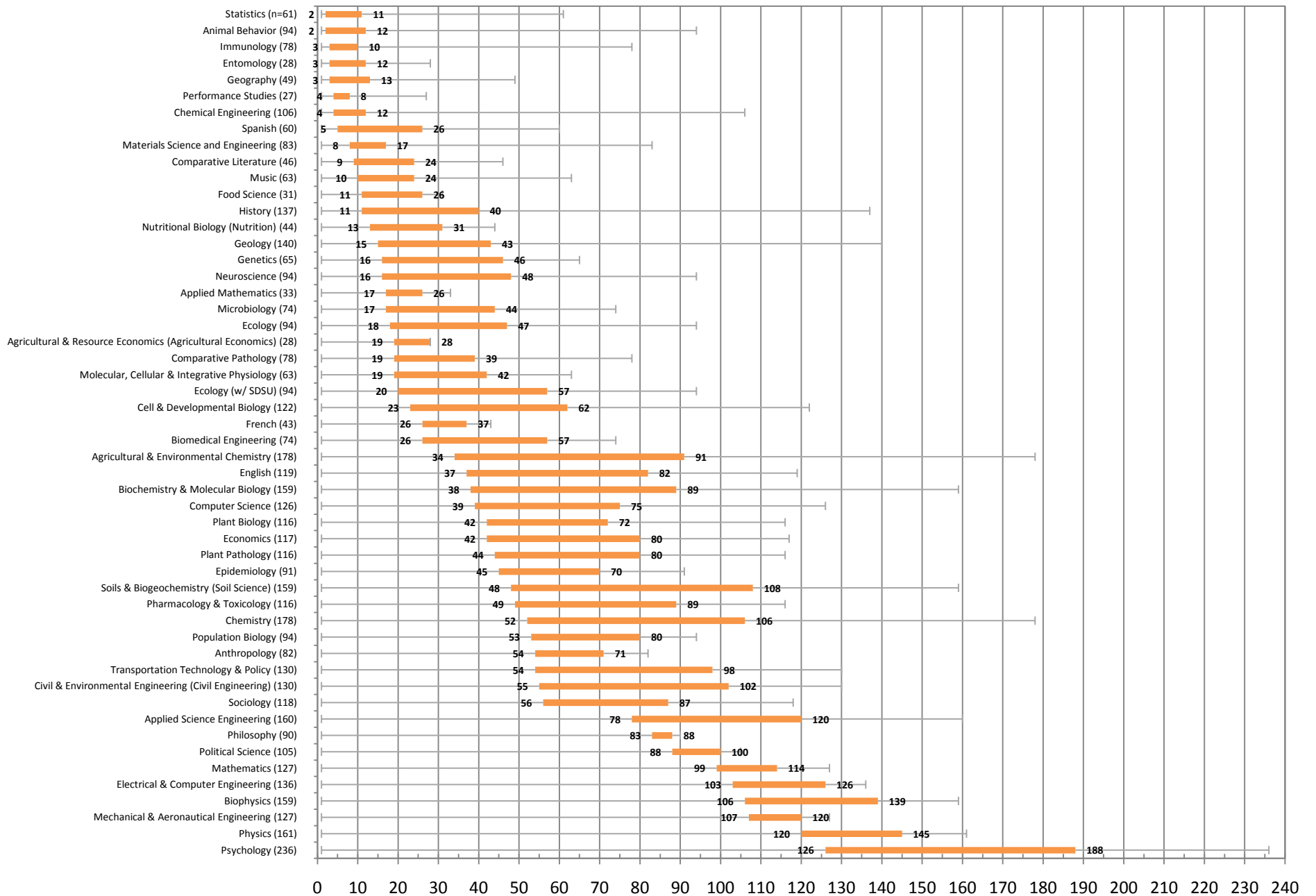
# Dimensional Measures Research Activity



# Student Support & Outcomes



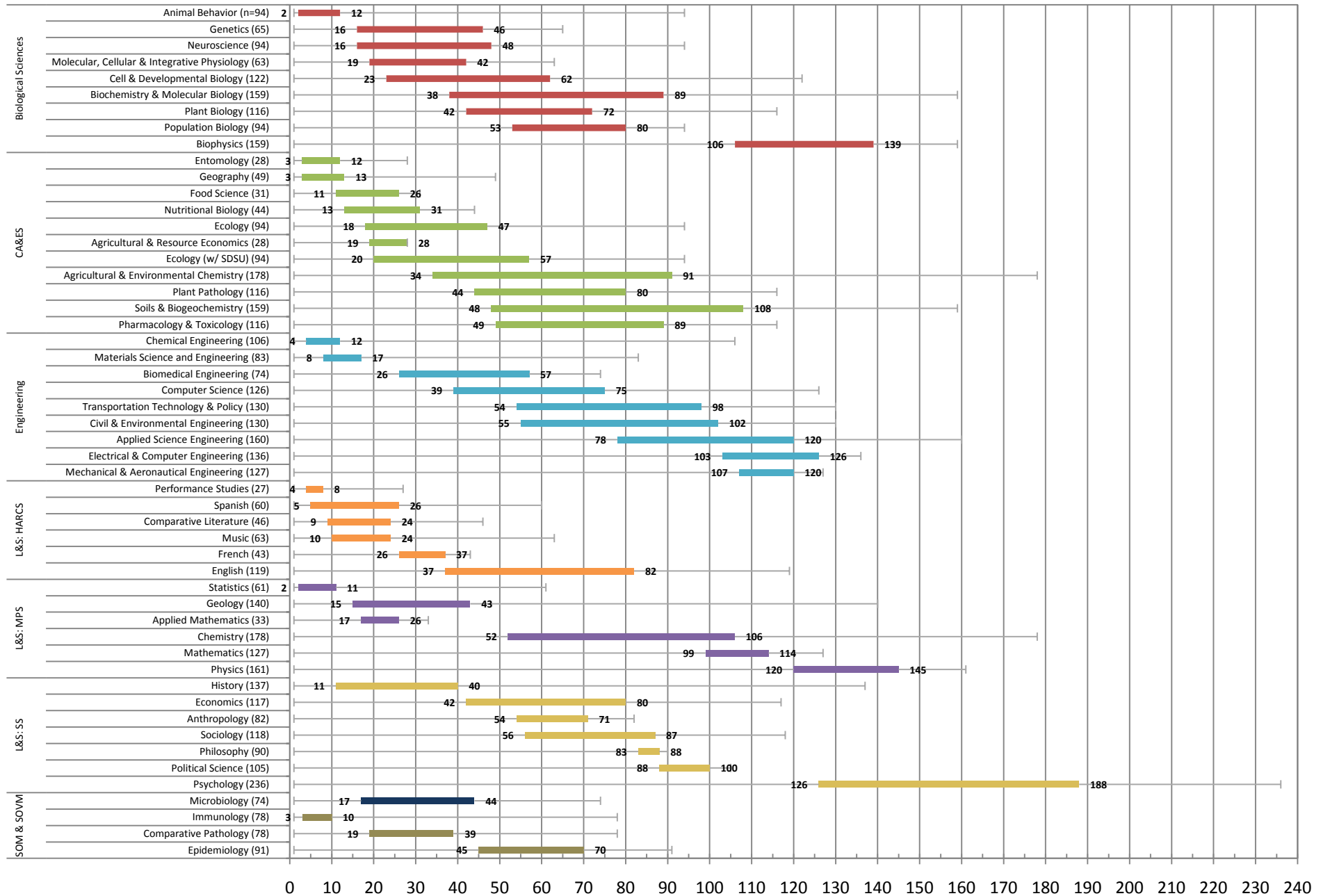
# Diversity



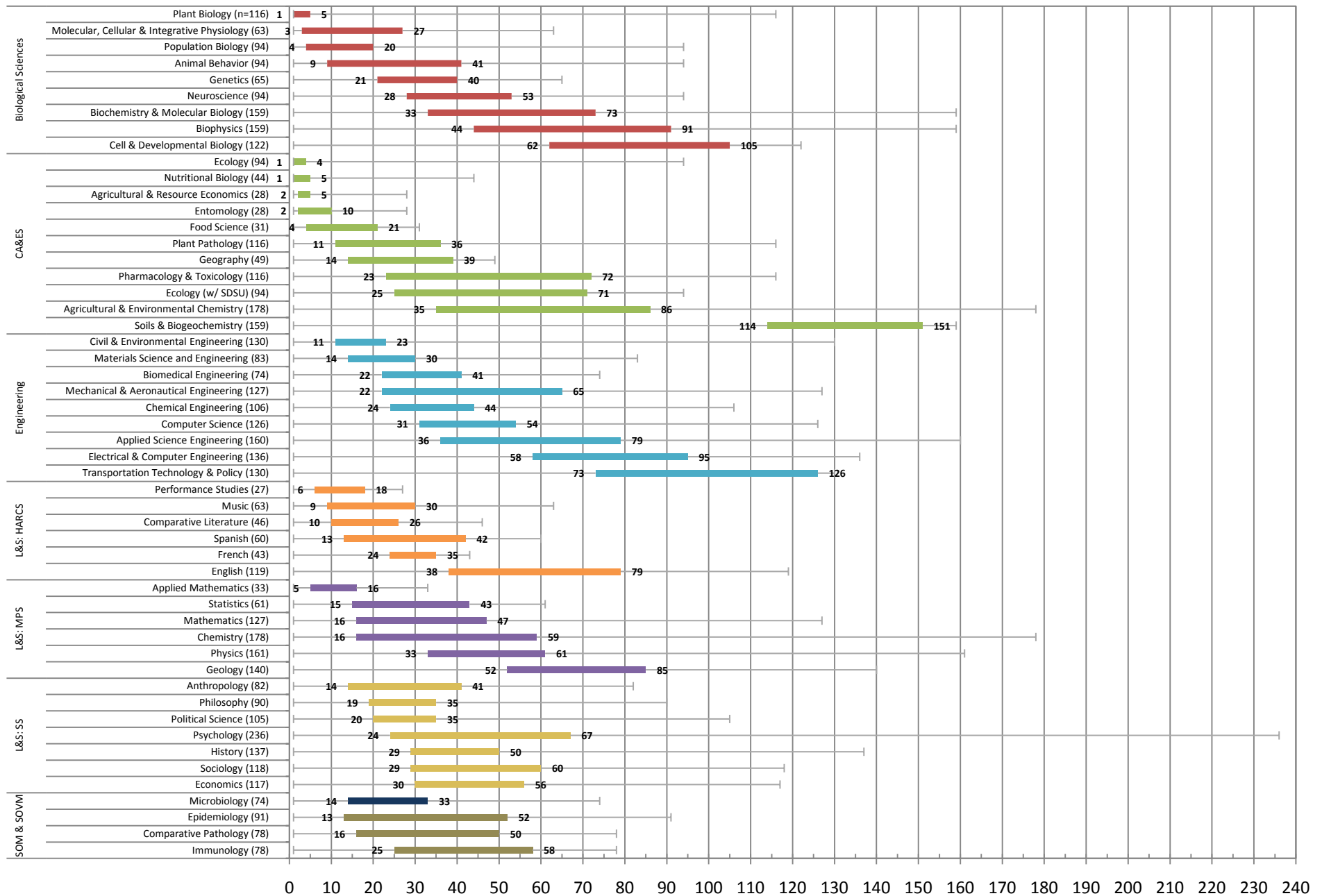


# Rankings by Lead Dean

## S-Rankings - by Lead Dean

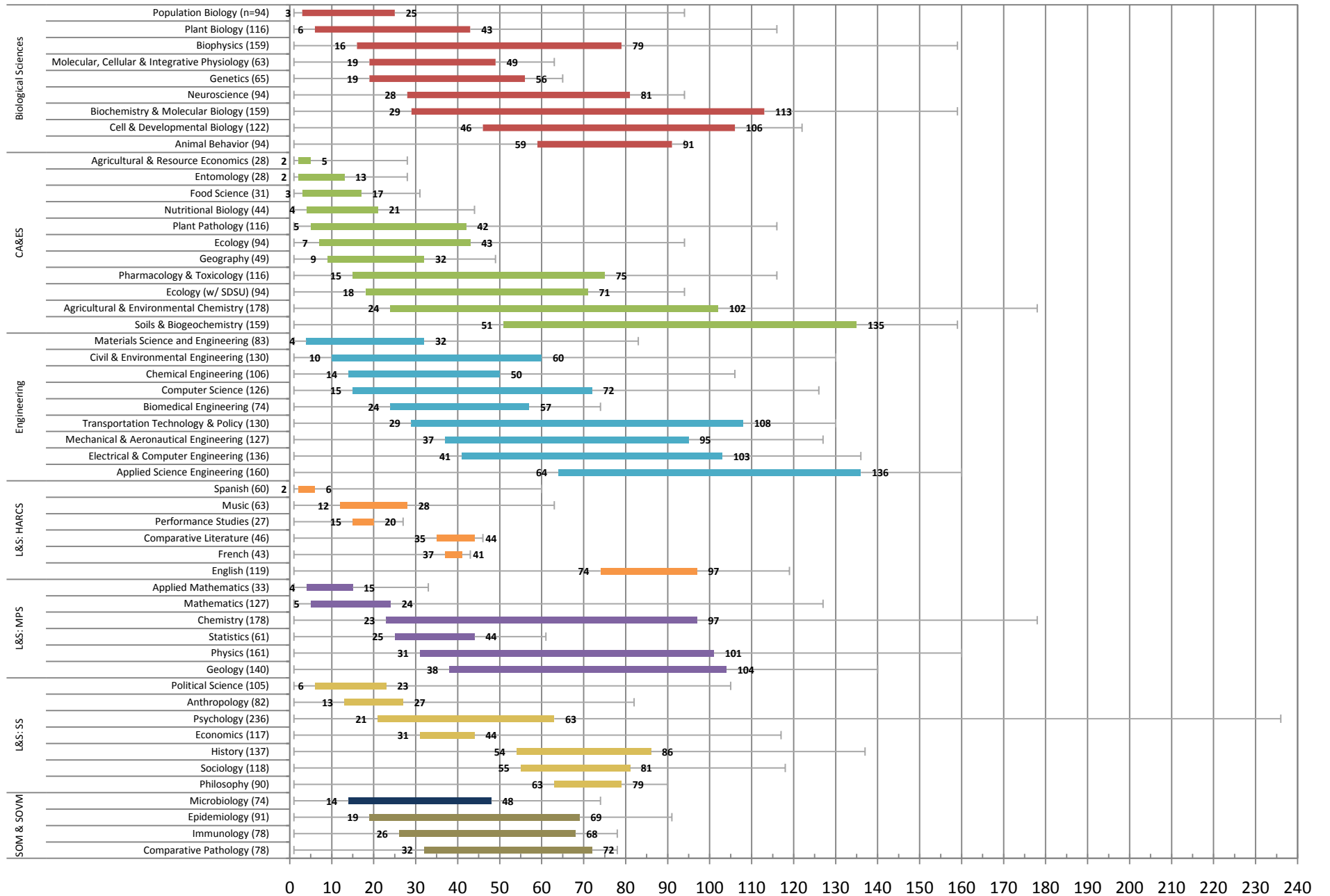


# R-Rankings - by Lead Dean

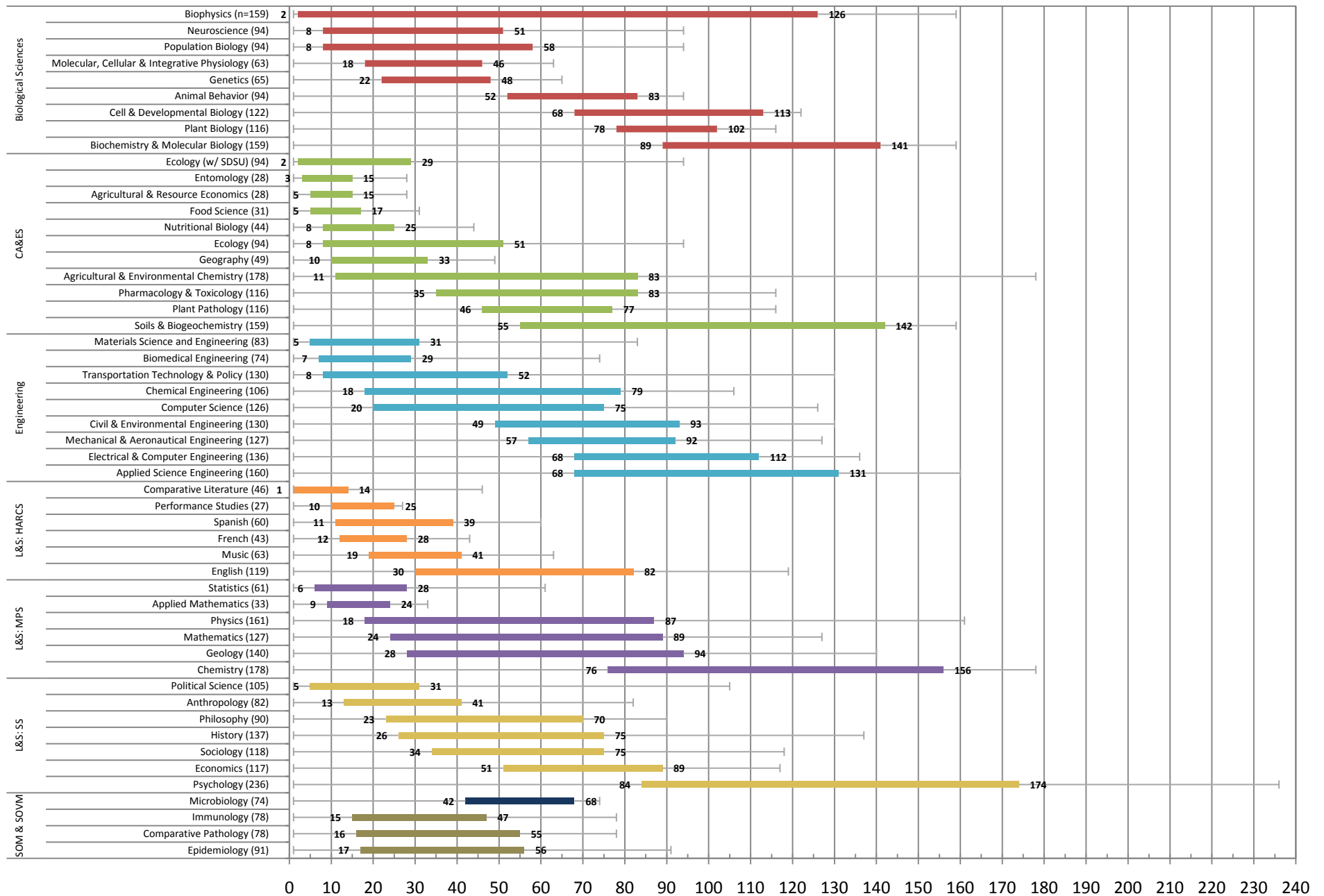


# Dimensional Measures

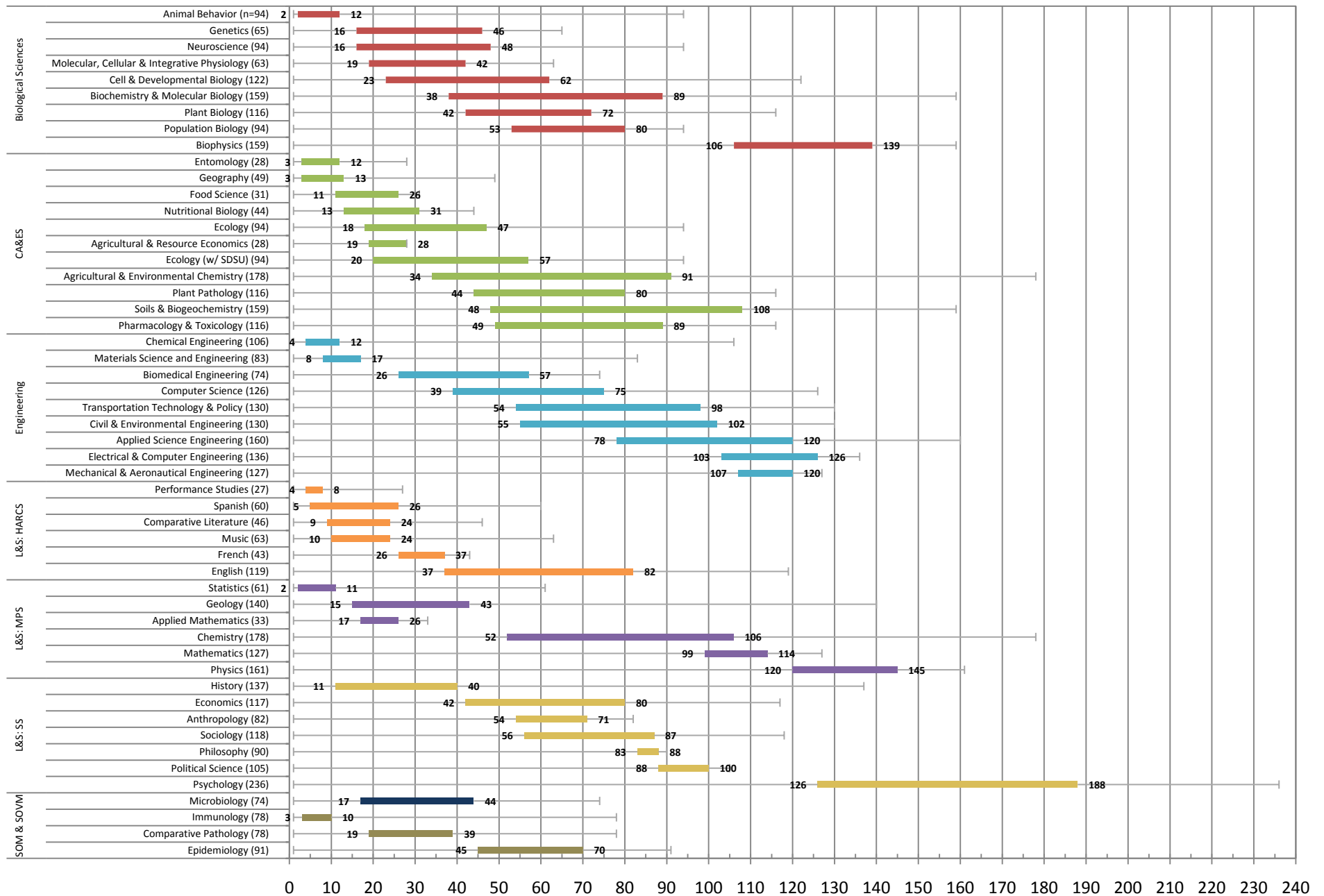
## Research Activity - by Lead Dean



## Student Support & Outcomes - by Lead Dean



## Diversity - by Lead Dean



## Distribution of Range of Rankings by Percentile within the NRC Field

### Key to Distribution of Range of Rankings Tables

KEY:		NRC's 5th Percentile Ranking						NRC's 95th Percentile Ranking					
NRC Broad Field	NRC Field UCD Program [program range of rankings]	↓ Percentile Distribution of Rankings in Field ↓						↓ Percentile Distribution of Rankings in Field ↓					
		5%	10%	1st Q	2nd Q	3rd Q	4th Q	5%	10%	1st Q	2nd Q	3rd Q	4th Q
Example	NRC Field - VALUES = Cut-off of percentile rankings →	1	3	7	12	20	30	3	7	16	42	50	60
NRC Broad Field	<b>YELLOW</b> = Range of rankings in top 5% of field overall	x	x	x				x	x	x			
	<b>BLUE</b> = Range of rankings in top 10% of field overall		x	x					x	x			
	<b>PINK</b> = Range of rankings in top 25% of field overall			x						x			
	<b>GREEN</b> , program name not highlighted - Range of rankings as high as 2nd Quartile overall				x						x		
	<b>PURPLE</b> , program name not highlighted - Range of rankings as high as 3rd Quartile overall					x						x	
	<b>GREY</b> , program name not highlighted - Range of rankings as high as 4th Quartile overall						x						x
	<b>MIXED SCORES:</b>												
	The range of rankings for a program does not always fall within the same set of percentiles within the distribution. In such instances, the program's range can only be reported in terms of the highest range in which both rankings fall. For example:												
	Mixed 5% and 10% scores = range in top 10% of field overall	x	x	x					x	x			
	Mixed Q2 and Q1 scores = range in 2nd Quartile of field overall				x					x			

## S-Rankings

NRC Broad Field	NRC Field UCD Program [program range of rankings]	S Ranking - 5th Percentile						S Ranking - 95th Percentile					
		5%	10%	1st Q	2nd Q	3rd Q	4th Q	5%	10%	1st Q	2nd Q	3rd Q	4th Q
Agricultural Sciences	Entomology	1	1	3	8	13	24	7	8	16	22	25	28
	UCD: Entomology [1-7]	x	x	x				x	x	x			
	Food Science	2	2	3	8	18	30	10	13	16	23	27	31
	UCD: Food Science [4-17]				x						x		
	Nutrition	1	1	5	14	28	43	9	12	21	30	41	44
	UCD: Nutritional Biology (Nutrition) [3-16]			x						x			
Agricultural Sciences	Plant Sciences	2	6	13	32	55	115	15	35	60	88	102	116
	UCD: Plant Biology [5-29]		x	x					x	x			
	UCD: Plant Pathology [7-42]			x						x			
Biological and Health Sciences	Biochemistry, Biophysics, and Structural Biology	2	6	21	48	81	157	23	34	75	119	143	159
	UCD: Biochemistry & Molecular Biology [33-106]				x						x		
	UCD: Biophysics [28-100]				x						x		
	UCD: Soils & Biogeochemistry (Soil Science) [71-144]					x						x	
	Cell and Developmental Biology	4	6	14	32	53	117	27	34	67	93	105	122
	UCD: Cell & Developmental Biology [42-100]					x						x	
	Ecology and Evolutionary Biology	3	5	11	24	56	93	10	28	48	63	85	94
	UCD: Animal Behavior [51-78]					x						x	
	UCD: Ecology [5-28]		x	x					x	x			
	UCD: Ecology (w/ SDSU) [16-56]				x							x	
	UCD: Population Biology [4-24]		x	x					x	x			
	Genetics and Genomics	2	4	8	18	31	65	11	18	34	49	58	65
	UCD: Genetics [28-56]					x						x	
	Immunology and Infectious Disease	2	4	8	18	38	77	19	28	43	60	69	78
	UCD: Comparative Pathology [24-63]					x						x	
	UCD: Immunology [17-56]				x							x	
	Microbiology	2	3	9	23	39	74	17	21	35	52	66	74
	UCD: Microbiology [16-44]				x							x	
	Neuroscience and Neurobiology	2	4	14	26	51	94	14	19	50	69	83	94
UCD: Neuroscience [23-69]				x							x		
Pharmacology, Toxicology and Environmental Health	1	5	11	28	57	110	27	43	65	87	101	116	
UCD: Pharmacology & Toxicology [19-77]				x							x		
Physiology	2	3	7	16	33	63	13	22	34	46	56	63	
UCD: Molecular, Cellular & Integrative Physiology [19-48]					x						x		
Public Health	1	4	12	22	44	90	14	26	50	69	83	91	
UCD: Epidemiology [29-70]					x						x		
Engineering	Biomedical Engineering and Bioengineering	2	4	9	26	37	74	11	23	33	55	64	74
	UCD: Biomedical Engineering [26-54]				x						x		
	Chemical Engineering	3	7	13	34	62	106	10	28	47	69	96	106
	UCD: Chemical Engineering [13-41]			x						x			
	Civil and Environmental Engineering	3	6	14	40	59	130	19	35	63	96	116	130
	UCD: Civil & Environmental Engineering (Civil Engineering) [6-37]		x	x						x			
	UCD: Transportation Technology & Policy [32-95]				x							x	
	Electrical and Computer Engineering	4	8	20	52	76	134	17	28	59	97	119	136
	UCD: Electrical & Computer Engineering [53-99]					x						x	
	Materials Science and Engineering	3	4	8	26	46	82	15	22	38	56	73	83
UCD: Materials Science and Engineering [7-31]			x						x				
Mechanical Engineering	5	8	18	45	73	127	14	24	49	88	110	127	
UCD: Mechanical & Aeronautical Engineering [55-95]					x						x		

NRC Broad Field	NRC Field UCD Program [program range of rankings]	S Ranking - 5th Percentile						S Ranking - 95th Percentile					
		5%	10%	1st Q	2nd Q	3rd Q	4th Q	5%	10%	1st Q	2nd Q	3rd Q	4th Q
Humanities	Comparative Literature <i>UCD: Comparative Literature [14-28]</i>	1	1	5	17	25	40	9	12	18	33	43	46
					x					x			
	English Language and Literature <i>UCD: English [44-75]</i>	4	6	16	44	76	116	17	29	45	79	100	119
					x					x			
	French and Francophone Language and Literature <i>UCD: French [22-34]</i>	1	3	7	16	26	42	6	11	17	30	37	43
						x					x		
	History <i>UCD: History [40-68]</i>	3	9	26	52	85	136	12	24	49	88	119	137
					x					x			
	Music (except performance) <i>UCD: Music [12-28]</i>	3	4	11	23	39	63	8	10	27	41	56	63
				x					x				
Philosophy <i>UCD: Philosophy [53-76]</i>	2	6	16	38	54	87	9	15	34	56	76	90	
					x					x			
Spanish and Portuguese Language and Literature <i>UCD: Spanish [1-6]</i>	1	4	8	18	30	53	7	15	29	46	54	60	
		x	x	x				x	x	x			
Theatre and Performance Studies <i>UCD: Performance Studies [4-16]</i>	2	2	4	9	16	24	4	8	14	19	22	27	
				x						x			
Physical and Mathematical Sciences	Applied Mathematics <i>UCD: Applied Mathematics [4-15]</i>	2	3	4	11	21	32	3	9	15	19	28	33
					x					x			
	Chemistry <i>UCD: Agricultural &amp; Environmental Chemistry [31-90]</i> <i>UCD: Chemistry [30-88]</i>	5	13	27	59	97	176	15	39	76	129	158	178
					x					x			
					x					x			
	Computer Sciences <i>UCD: Computer Science [15-51]</i>	3	7	16	46	72	124	17	36	56	86	109	126
					x					x			
	Earth Sciences <i>UCD: Geology [46-95]</i>	4	7	21	45	82	138	19	31	64	97	121	140
						x				x			
	Mathematics <i>UCD: Mathematics [9-33]</i>	5	9	20	50	84	126	13	27	53	82	108	127
			x	x						x			
Physics <i>UCD: Applied Science Engineering [72-136]</i> <i>UCD: Physics [31-85]</i>	4	8	21	48	92	158	22	40	71	112	141	161	
					x					x			
Statistics and Probability <i>UCD: Statistics [12-24]</i>	4	4	10	24	36	61	9	14	24	42	50	61	
				x					x				
Social and Behavioral Sciences	Agricultural and Resource Economics <i>UCD: Agricultural &amp; Resource Economics (Agricultural Economics) [2-4]</i>	2	2	4	9	19	26	4	7	13	18	25	28
		x	x	x				x	x	x			
	Anthropology <i>UCD: Anthropology [7-21]</i>	4	6	13	31	47	78	11	20	32	57	71	82
					x					x			
	Economics <i>UCD: Economics [29-44]</i>	5	10	27	48	77	115	9	17	42	72	95	117
					x					x			
	Geography <i>UCD: Geography [10-30]</i>	2	3	8	16	26	47	6	9	23	36	45	49
					x					x			
	Political Science <i>UCD: Political Science [7-26]</i>	4	6	17	46	67	105	15	19	36	64	86	105
					x					x			
Psychology <i>UCD: Psychology [21-57]</i>	6	13	43	88	150	235	29	47	80	145	202	236	
				x					x				
Sociology <i>UCD: Sociology [48-77]</i>	4	7	21	42	76	118	15	19	38	75	98	118	
					x					x			
<b>UC Davis program counts:</b>		<b>3</b>	<b>8</b>	<b>18</b>	<b>20</b>	<b>14</b>	<b>0</b>	<b>3</b>	<b>6</b>	<b>18</b>	<b>21</b>	<b>12</b>	<b>1</b>



## R-Rankings

NRC Broad Field	NRC Field UCD Program [program range of rankings]	R Ranking - 5th Percentile						R Ranking - 95th Percentile					
		5%	10%	1st Q	2nd Q	3rd Q	4th Q	5%	10%	1st Q	2nd Q	3rd Q	4th Q
Agricultural Sciences	Entomology <i>UCD: Entomology [2-10]</i>	1	1	3	5	15	22	9	11	15	22	27	28
				x				x	x				
	Food Science <i>UCD: Food Science [4-21]</i>	1	2	2	8	17	25	11	11	17	21	29	31
					x					x			
	Nutrition <i>UCD: Nutritional Biology (Nutrition) [1-5]</i>	1	2	8	16	27	41	6	9	19	31	38	44
		x	x	x				x	x	x			
	Plant Sciences <i>UCD: Plant Biology [1-5]</i> <i>UCD: Plant Pathology [11-36]</i>	3	6	12	32	65	115	19	32	62	82	105	116
	x	x	x				x	x	x				
			x				x	x	x				
Biological and Health Sciences	Biochemistry, Biophysics, and Structural Biology <i>UCD: Biochemistry &amp; Molecular Biology [33-73]</i> <i>UCD: Biophysics [44-91]</i> <i>UCD: Soils &amp; Biogeochemistry (Soil Science) [114-151]</i>	5	12	27	59	93	151	13	28	58	109	143	159
					x						x		
					x						x		
							x						x
	Cell and Developmental Biology <i>UCD: Cell &amp; Developmental Biology [62-105]</i>	4	7	18	32	58	120	16	31	68	90	108	122
							x					x	
	Ecology and Evolutionary Biology <i>UCD: Animal Behavior [9-41]</i> <i>UCD: Ecology [1-4]</i> <i>UCD: Ecology (w/ SDSU) [25-71]</i> <i>UCD: Population Biology [4-20]</i>	3	4	12	35	60	91	14	20	38	62	82	94
				x							x		
		x	x	x				x	x	x			
					x						x		
			x	x					x	x			
	Genetics and Genomics <i>UCD: Genetics [21-40]</i>	2	4	9	20	35	60	10	14	28	42	56	65
						x					x		
	Immunology and Infectious Disease <i>UCD: Comparative Pathology [16-50]</i> <i>UCD: Immunology [25-58]</i>	2	4	11	22	39	70	10	13	38	58	68	78
					x						x		
						x					x		
	Microbiology <i>UCD: Microbiology [14-33]</i>	2	4	9	30	43	71	14	20	29	49	65	74
				x						x			
Neuroscience and Neurobiology <i>UCD: Neuroscience [28-53]</i>	2	7	16	35	59	92	9	14	34	62	83	94	
				x						x			
Pharmacology, Toxicology and Environmental Health <i>UCD: Pharmacology &amp; Toxicology [23-72]</i>	2	3	13	30	57	111	22	32	62	88	105	116	
				x						x			
Physiology <i>UCD: Molecular, Cellular &amp; Integrative Physiology [3-27]</i>	1	3	5	14	26	60	19	26	38	48	56	63	
		x	x					x	x				
Public Health <i>UCD: Epidemiology [13-52]</i>	2	4	8	23	39	86	24	33	49	73	81	91	
				x						x			
Engineering	Biomedical Engineering and Bioengineering <i>UCD: Biomedical Engineering [22-41]</i>	2	5	12	26	45	73	9	14	27	50	64	74
					x						x		
	Chemical Engineering <i>UCD: Chemical Engineering [24-44]</i>	5	7	19	42	64	105	11	19	41	69	92	106
					x						x		
	Civil and Environmental Engineering <i>UCD: Civil &amp; Environmental Engineering (Civil Engineering) [11-23]</i> <i>UCD: Transportation Technology &amp; Policy [73-126]</i>	4	10	19	37	66	127	11	26	61	96	119	130
				x					x	x			
							x						x
	Electrical and Computer Engineering <i>UCD: Electrical &amp; Computer Engineering [58-95]</i>	4	11	24	49	82	134	13	20	49	89	118	136
						x						x	
	Materials Science and Engineering <i>UCD: Materials Science and Engineering [14-30]</i>	3	5	14	31	51	79	9	11	30	55	70	83
			x						x				
Mechanical Engineering <i>UCD: Mechanical &amp; Aeronautical Engineering [22-65]</i>	5	7	18	38	72	117	20	31	58	87	112	127	
				x						x			

NRC Broad Field	NRC Field <i>UCD Program [program range of rankings]</i>	R Ranking - 5th Percentile						R Ranking - 95th Percentile						
		5%	10%	1st Q	2nd Q	3rd Q	4th Q	5%	10%	1st Q	2nd Q	3rd Q	4th Q	
Humanities	Comparative Literature <i>UCD: Comparative Literature [10-26]</i>	1	3	8	13	29	40	6	7	26	33	40	46	
	English Language and Literature <i>UCD: English [38-79]</i>	2	6	15	38	63	107	17	30	51	84	102	119	
	French and Francophone Language and Literature <i>UCD: French [24-35]</i>	1	5	7	12	24	40	4	9	22	30	40	43	
	History <i>UCD: History [29-50]</i>	2	11	24	46	86	133	12	18	46	88	121	137	
	Music (except performance) <i>UCD: Music [9-30]</i>	2	3	9	21	31	59	11	15	30	46	55	63	
	Philosophy <i>UCD: Philosophy [19-35]</i>	2	5	16	35	58	87	11	18	35	57	75	90	
	Spanish and Portuguese Language and Literature <i>UCD: Spanish [13-42]</i>	1	2	5	14	34	59	14	23	33	44	55	60	
	Theatre and Performance Studies <i>UCD: Performance Studies [6-18]</i>	2	2	2	6	14	20	9	12	16	20	26	27	
	Applied Mathematics <i>UCD: Applied Mathematics [5-16]</i>	1	3	4	10	22	29	4	12	15	19	29	33	
Chemistry <i>UCD: Agricultural &amp; Environmental Chemistry [35-86]</i> <i>UCD: Chemistry [16-59]</i>	4	11	27	63	98	173	17	37	78	123	161	178		
Computer Sciences <i>UCD: Computer Science [31-54]</i>	5	8	23	51	75	124	15	22	44	88	108	126		
Earth Sciences <i>UCD: Geology [52-85]</i>	5	9	21	51	83	139	16	25	55	97	123	140		
Mathematics <i>UCD: Mathematics [16-47]</i>	4	9	17	50	77	126	11	29	47	78	114	127		
Physics <i>UCD: Applied Science Engineering [36-79]</i> <i>UCD: Physics [33-61]</i>	4	9	30	54	86	151	16	27	68	114	141	161		
Statistics and Probability <i>UCD: Statistics [15-43]</i>	2	3	8	18	30	56	9	16	31	48	57	61		
Social and Behavioral Sciences	Agricultural and Resource Economics <i>UCD: Agricultural &amp; Resource Economics (Agricultural Economics) [2-5]</i>	1	2	5	8	16	24	5	8	14	20	24	28	
	Anthropology <i>UCD: Anthropology [14-41]</i>	2	7	11	25	55	77	7	20	41	51	72	82	
	Economics <i>UCD: Economics [30-56]</i>	4	8	25	45	70	111	10	18	48	79	104	117	
	Geography <i>UCD: Geography [14-39]</i>	2	4	7	15	25	46	7	12	27	39	44	49	
	Political Science <i>UCD: Political Science [20-35]</i>	4	7	20	41	62	103	9	18	38	71	92	105	
	Psychology <i>UCD: Psychology [24-67]</i>	7	14	34	79	128	227	35	53	85	165	210	236	
	Sociology <i>UCD: Sociology [29-60]</i>	3	7	20	39	65	116	13	23	46	79	105	118	
	<b>UC Davis program counts:</b>		<b>3</b>	<b>6</b>	<b>16</b>	<b>28</b>	<b>5</b>	<b>3</b>	<b>5</b>	<b>9</b>	<b>19</b>	<b>28</b>	<b>3</b>	<b>2</b>

# Dimensional Measures

## Research Activity Rankings

NRC Broad Field	NRC Field UCD Program [program range of rankings]	Research Activity Rankings - 5th Percentile						Research Activity Rankings - 95th Percentile					
		5%	10%	1st Q	2nd Q	3rd Q	4th Q	5%	10%	1st Q	2nd Q	3rd Q	4th Q
Agricultural Sciences	Entomology	1	2	3	6	13	27	5	14	18	22	26	28
	UCD: Entomology [2-13]		x	x					x	x			
	Food Science	2	2	3	7	15	30	10	13	18	24	27	31
	UCD: Food Science [3-17]		x	x						x			
	Nutrition	1	1	4	15	23	43	9	13	21	32	39	44
	UCD: Nutritional Biology (Nutrition) [4-21]			x						x			
Plant Sciences	Plant Sciences	4	6	11	26	46	114	30	44	71	94	106	116
	UCD: Plant Biology [6-43] UCD: Plant Pathology [5-42]		x	x					x	x			
Biological and Health Sciences	Biochemistry, Biophysics, and Structural Biology	2	5	17	40	72	158	29	43	88	125	144	159
	UCD: Biochemistry & Molecular Biology [29-113]				x					x			
	UCD: Biophysics [16-79]			x						x			
	UCD: Soils & Biogeochemistry (Soil Science) [51-135]					x					x		
	Cell and Developmental Biology	4	6	10	25	53	121	32	56	73	98	109	122
	UCD: Cell & Developmental Biology [46-106]					x					x		
	Ecology and Evolutionary Biology	2	5	10	22	47	89	17	30	48	71	87	94
	UCD: Animal Behavior [59-91]						x					x	
	UCD: Ecology [7-43]			x						x			
	UCD: Ecology (w/ SDSU) [18-71]				x						x		
	UCD: Population Biology [3-25]		x	x					x	x			
	Genetics and Genomics	2	4	5	13	28	64	14	31	40	51	60	65
	UCD: Genetics [19-56]					x						x	
	Immunology and Infectious Disease	2	3	7	16	35	77	23	34	49	62	72	78
	UCD: Comparative Pathology [32-72]					x						x	
	UCD: Immunology [26-68]					x						x	
	Microbiology	2	2	8	19	36	73	17	23	41	57	67	74
	UCD: Microbiology [14-48]				x						x		
Neuroscience and Neurobiology	2	2	10	24	37	94	18	25	54	76	83	94	
UCD: Neuroscience [28-81]					x						x		
Pharmacology, Toxicology and Environmental Health	1	4	10	27	46	115	24	41	72	94	106	116	
UCD: Pharmacology & Toxicology [15-75]				x						x			
Physiology	2	3	6	11	31	63	20	25	37	46	57	63	
UCD: Molecular, Cellular & Integrative Physiology [19-49]					x						x		
Public Health	2	3	8	18	40	88	29	37	58	71	81	91	
UCD: Epidemiology [19-69]					x					x			
Engineering	Biomedical Engineering and Bioengineering	2	4	7	22	35	73	11	26	36	59	68	74
	UCD: Biomedical Engineering [24-57]					x					x		
	Chemical Engineering	4	6	12	33	58	104	17	31	47	78	94	106
	UCD: Chemical Engineering [14-50]				x						x		
	Civil and Environmental Engineering	4	6	17	30	55	125	24	38	75	106	120	130
	UCD: Civil & Environmental Engineering (Civil Engineering) [10-60]			x						x			
	UCD: Transportation Technology & Policy [29-108]				x							x	
	Electrical and Computer Engineering	4	9	16	41	70	134	12	34	61	100	124	136
	UCD: Electrical & Computer Engineering [41-103]				x							x	
Materials Science and Engineering	3	4	7	22	38	79	26	31	43	64	74	83	
UCD: Materials Science and Engineering [4-32]		x	x						x				
Mechanical Engineering	3	5	18	37	64	122	17	27	60	98	115	127	
UCD: Mechanical & Aeronautical Engineering [37-95]				x						x			

NRC Broad Field	NRC Field UCD Program [program range of rankings]	Research Activity Rankings - 5th Percentile						Research Activity Rankings - 95th Percentile						
		5%	10%	1st Q	2nd Q	3rd Q	4th Q	5%	10%	1st Q	2nd Q	3rd Q	4th Q	
Humanities	Comparative Literature <i>UCD: Comparative Literature [35-44]</i>	1	3	5	16	29	40	8	13	19	30	40	46	
	English Language and Literature <i>UCD: English [74-97]</i>	4	6	21	40	74	117	15	23	45	72	100	119	
	French and Francophone Language and Literature <i>UCD: French [37-41]</i>	1	2	8	15	27	43	7	9	17	28	37	43	
	History <i>UCD: History [54-86]</i>	2	10	24	56	83	137	12	26	49	88	123	137	
	Music (except performance) <i>UCD: Music [12-28]</i>	2	6	11	23	42	61	5	14	25	40	52	63	
	Philosophy <i>UCD: Philosophy [63-79]</i>	1	6	16	36	54	89	8	16	37	56	76	90	
	Spanish and Portuguese Language and Literature <i>UCD: Spanish [2-6]</i>	2	5	9	20	39	59	5	15	25	38	51	60	
	Theatre and Performance Studies <i>UCD: Performance Studies [15-20]</i>	1	3	5	12	19	27	3	4	10	18	25	27	
	Applied Mathematics <i>UCD: Applied Mathematics [4-15]</i>	2	2	4	12	22	32	5	10	15	20	27	33	
	Chemistry <i>UCD: Agricultural &amp; Environmental Chemistry [24-102]</i> <i>UCD: Chemistry [23-97]</i>	5	11	24	48	95	176	18	43	92	128	160	178	
Computer Sciences <i>UCD: Computer Science [15-72]</i>	4	6	14	35	65	126	25	42	64	93	113	126		
Earth Sciences <i>UCD: Geology [38-104]</i>	3	6	20	43	68	134	22	33	67	104	126	140		
Mathematics <i>UCD: Mathematics [5-24]</i>	4	6	19	42	80	126	16	25	54	76	108	127		
Physics <i>UCD: Applied Science Engineering [64-136]</i> <i>UCD: Physics [31-101]</i>	4	5	18	36	83	154	33	43	89	116	140	161		
Statistics and Probability <i>UCD: Statistics [25-44]</i>	3	4	11	21	37	60	7	15	26	43	51	61		
Physical and Mathematical Sciences	Agricultural and Resource Economics <i>UCD: Agricultural &amp; Resource Economics (Agricultural Economics) [2-5]</i>	2	2	5	11	16	26	4	6	12	20	24	28	
	Anthropology <i>UCD: Anthropology [13-27]</i>	3	4	13	27	52	81	13	15	34	54	73	82	
	Economics <i>UCD: Economics [31-44]</i>	4	9	23	47	76	116	10	19	37	71	98	117	
	Geography <i>UCD: Geography [9-32]</i>	2	3	9	14	21	49	5	7	25	37	43	49	
	Political Science <i>UCD: Political Science [6-23]</i>	3	5	21	43	70	105	15	18	39	64	92	105	
	Psychology <i>UCD: Psychology [21-63]</i>	6	14	39	95	148	231	27	48	81	151	202	236	
	Sociology <i>UCD: Sociology [55-81]</i>	3	7	22	49	70	114	11	18	47	76	101	118	
	<b>UC Davis program counts:</b>		<b>2</b>	<b>9</b>	<b>20</b>	<b>14</b>	<b>14</b>	<b>4</b>	<b>0</b>	<b>7</b>	<b>17</b>	<b>17</b>	<b>14</b>	<b>4</b>

## Student Support & Outcomes

NRC Broad Field	NRC Field UCD Program [program range of rankings]	Student Support & Outcomes - 5th						Student Support & Outcomes - 95th					
		Percentile						Percentile					
		5%	10%	1st Q	2nd Q	3rd Q	4th Q	5%	10%	1st Q	2nd Q	3rd Q	4th Q
Agricultural Sciences	Entomology	1	2	3	8	19	27	5	11	15	20	26	28
	<i>UCD: Entomology [3-15]</i>			x						x			
	Food Science	1	1	4	8	21	30	8	9	16	21	26	31
	<i>UCD: Food Science [5-17]</i>				x						x		
	Nutrition	2	2	4	9	23	38	17	20	26	31	42	44
	<i>UCD: Nutritional Biology (Nutrition) [8-25]</i>				x					x			
Plant Sciences		3	5	13	34	64	113	21	37	54	82	101	116
	<i>UCD: Plant Biology [78-102]</i>						x						x
	<i>UCD: Plant Pathology [46-77]</i>					x					x		
Biological and Health Sciences	Biochemistry, Biophysics, and Structural Biology	2	2	11	33	80	159	48	66	89	119	144	159
	<i>UCD: Biochemistry &amp; Molecular Biology [89-141]</i>						x					x	
	<i>UCD: Biophysics [2-126]</i>	x	x	x								x	
	<i>UCD: Soils &amp; Biogeochemistry (Soil Science) [55-142]</i>					x						x	
	Cell and Developmental Biology	3	5	8	23	54	120	42	54	74	95	113	122
	<i>UCD: Cell &amp; Developmental Biology [68-113]</i>						x					x	
	Ecology and Evolutionary Biology	2	3	8	20	45	93	29	37	53	70	84	94
	<i>UCD: Animal Behavior [52-83]</i>						x					x	
	<i>UCD: Ecology [8-51]</i>				x					x			
	<i>UCD: Ecology (w/ SDSU) [2-29]</i>	x	x	x				x	x	x			
	<i>UCD: Population Biology [8-58]</i>				x						x		
	Genetics and Genomics	1	2	5	18	35	64	20	21	31	47	58	65
	<i>UCD: Genetics [22-48]</i>					x						x	
	Immunology and Infectious Disease	1	3	7	16	34	77	14	30	42	61	71	78
	<i>UCD: Comparative Pathology [16-55]</i>				x						x		
	<i>UCD: Immunology [15-47]</i>				x						x		
	Microbiology	2	3	7	16	31	73	18	26	46	57	68	74
	<i>UCD: Microbiology [42-68]</i>						x					x	
	Neuroscience and Neurobiology	2	3	6	17	41	87	26	41	55	70	87	94
	<i>UCD: Neuroscience [8-51]</i>				x					x			
Pharmacology, Toxicology and Environmental Health	1	3	10	24	59	112	30	43	65	83	102	116	
<i>UCD: Pharmacology &amp; Toxicology [35-83]</i>					x					x			
Physiology	2	2	8	16	33	59	14	20	32	45	54	63	
<i>UCD: Molecular, Cellular &amp; Integrative Physiology [18-46]</i>					x						x		
Public Health	1	3	8	21	51	91	22	28	48	69	82	91	
<i>UCD: Epidemiology [17-56]</i>				x						x			
Engineering	Biomedical Engineering and Bioengineering	4	4	9	18	33	73	15	20	43	57	65	74
	<i>UCD: Biomedical Engineering [7-29]</i>				x					x			
	Chemical Engineering	2	3	7	21	49	106	41	47	60	81	96	106
	<i>UCD: Chemical Engineering [18-79]</i>				x						x		
	Civil and Environmental Engineering	3	5	14	38	72	129	25	38	62	92	111	130
	<i>UCD: Civil &amp; Environmental Engineering (Civil Engineering) [49-93]</i>					x						x	
	<i>UCD: Transportation Technology &amp; Policy [8-52]</i>				x					x			
	Electrical and Computer Engineering	3	4	16	41	72	135	25	35	59	98	114	136
	<i>UCD: Electrical &amp; Computer Engineering [68-112]</i>					x						x	
	Materials Science and Engineering	3	4	6	22	48	83	25	31	43	58	75	83
<i>UCD: Materials Science and Engineering [5-31]</i>				x				x	x				
Mechanical Engineering	3	6	14	36	81	125	20	33	61	86	107	127	
<i>UCD: Mechanical &amp; Aeronautical Engineering [57-92]</i>					x						x		

NRC Broad Field	NRC Field UCD Program [program range of rankings]	Student Support & Outcomes - 5th Percentile						Student Support & Outcomes - 95th Percentile					
		5%	10%	1st Q	2nd Q	3rd Q	4th Q	5%	10%	1st Q	2nd Q	3rd Q	4th Q
Humanities	Comparative Literature	1	1	4	11	25	43	13	16	24	35	39	46
	<i>UCD: Comparative Literature [1-14]</i>	x	x	x				x	x				
	English Language and Literature	2	3	8	30	65	117	29	39	62	84	100	119
	<i>UCD: English [30-82]</i>				x						x		
	French and Francophone Language and Literature	1	1	2	9	25	42	17	18	23	29	38	43
	<i>UCD: French [12-28]</i>					x					x		
	History	3	5	11	37	78	134	36	45	70	94	117	137
	<i>UCD: History [26-75]</i>				x						x		
	Music (except performance)	2	3	8	19	35	59	9	23	29	45	55	63
	<i>UCD: Music [19-41]</i>				x						x		
Philosophy	1	3	7	23	44	88	24	31	52	66	76	90	
<i>UCD: Philosophy [23-70]</i>				x							x		
Spanish and Portuguese Language and Literature	1	1	4	14	27	59	16	25	38	46	54	60	
<i>UCD: Spanish [11-39]</i>				x						x			
Theatre and Performance Studies	1	1	2	9	15	25	9	10	14	20	25	27	
<i>UCD: Performance Studies [10-25]</i>					x						x		
Physical and Mathematical Sciences	Applied Mathematics	1	2	4	9	16	32	4	10	15	25	29	33
	<i>UCD: Applied Mathematics [9-24]</i>				x						x		
	Chemistry	3	5	13	40	84	176	53	72	94	136	162	178
	<i>UCD: Agricultural &amp; Environmental Chemistry [11-83]</i>			x						x			
	<i>UCD: Chemistry [76-156]</i>					x						x	
	Computer Sciences	3	5	14	33	71	125	30	38	72	89	108	126
	<i>UCD: Computer Science [20-75]</i>				x						x		
	Earth Sciences	2	4	12	27	72	139	31	52	82	99	119	140
	<i>UCD: Geology [28-94]</i>					x					x		
	Mathematics	2	3	13	31	64	126	31	40	66	94	112	127
<i>UCD: Mathematics [24-89]</i>				x						x			
Physics	3	5	16	38	76	159	39	46	90	123	143	161	
<i>UCD: Applied Science Engineering [68-131]</i>					x						x		
<i>UCD: Physics [18-87]</i>				x					x				
Statistics and Probability	1	2	6	15	32	61	15	21	31	45	55	61	
<i>UCD: Statistics [6-28]</i>			x						x				
Social and Behavioral Sciences	Agricultural and Resource Economics	2	2	4	9	18	27	5	7	14	18	25	28
	<i>UCD: Agricultural &amp; Resource Economics (Agricultural Economics) [5-15]</i>				x						x		
	Anthropology	1	3	7	26	47	82	22	27	40	56	71	82
	<i>UCD: Anthropology [13-41]</i>				x						x		
	Economics	2	6	17	38	65	114	18	28	49	82	99	117
	<i>UCD: Economics [51-89]</i>					x						x	
	Geography	1	2	6	15	26	48	8	15	26	36	42	49
	<i>UCD: Geography [10-33]</i>				x						x		
Political Science	1	4	9	31	66	104	23	31	47	68	86	105	
<i>UCD: Political Science [5-31]</i>			x				x	x					
Psychology	3	9	23	59	129	231	46	79	122	165	198	236	
<i>UCD: Psychology [84-174]</i>					x						x		
Sociology	2	5	10	37	71	116	20	37	54	82	99	118	
<i>UCD: Sociology [34-75]</i>				x						x			
<b>UC Davis program counts:</b>		<b>3</b>	<b>3</b>	<b>12</b>	<b>20</b>	<b>15</b>	<b>5</b>	<b>1</b>	<b>4</b>	<b>13</b>	<b>21</b>	<b>17</b>	<b>1</b>

## Diversity Rankings

NRC Broad Field	NRC Field UCD Program [program range of rankings]	Diversity Rankings - 5th Percentile						Diversity Rankings - 95th Percentile					
		5%	10%	1st Q	2nd Q	3rd Q	4th Q	5%	10%	1st Q	2nd Q	3rd Q	4th Q
Agricultural Sciences	Entomology	1	1	4	11	17	28	6	9	12	17	25	28
	<i>UCD: Entomology [3-12]</i>			x						x			
	Food Science	2	3	4	11	17	29	4	8	13	23	28	31
	<i>UCD: Food Science [11-26]</i>				x							x	
	Nutrition	3	4	9	13	23	41	4	7	22	33	39	44
<i>UCD: Nutritional Biology (Nutrition) [13-31]</i>				x						x			
Plant Sciences	Plant Sciences	4	8	19	42	70	115	7	24	49	75	99	116
	<i>UCD: Plant Biology [42-72]</i>				x						x		
	<i>UCD: Plant Pathology [44-80]</i>					x						x	
Biological and Health Sciences	Biochemistry, Biophysics, and Structural Biology	7	12	22	57	98	159	14	34	70	107	136	159
	<i>UCD: Biochemistry &amp; Molecular Biology [38-89]</i>				x						x		
	<i>UCD: Biophysics [106-139]</i>						x						x
	<i>UCD: Soils &amp; Biogeochemistry (Soil Science) [48-108]</i>				x							x	
	Cell and Developmental Biology	4	7	16	42	71	121	16	29	55	83	106	122
	<i>UCD: Cell &amp; Developmental Biology [23-62]</i>				x						x		
	Ecology and Evolutionary Biology	2	7	14	31	56	91	9	22	41	62	80	94
	<i>UCD: Animal Behavior [2-12]</i>	x	x	x					x	x			
	<i>UCD: Ecology [18-47]</i>				x						x		
	<i>UCD: Ecology (w/ SDSU) [20-57]</i>				x						x		
	<i>UCD: Population Biology [53-80]</i>					x						x	
	Genetics and Genomics	2	2	6	15	37	63	19	27	35	45	57	65
	<i>UCD: Genetics [16-46]</i>					x						x	
	Immunology and Infectious Disease	1	6	13	29	46	75	7	15	32	53	67	78
	<i>UCD: Comparative Pathology [19-39]</i>				x						x		
	<i>UCD: Immunology [3-10]</i>		x	x					x	x			
	Microbiology	2	4	13	22	37	74	7	15	35	56	65	74
<i>UCD: Microbiology [17-44]</i>				x						x			
Neuroscience and Neurobiology	3	5	15	29	50	91	14	20	46	69	84	94	
<i>UCD: Neuroscience [16-48]</i>				x						x			
Pharmacology, Toxicology and Environmental Health	3	6	18	38	70	116	15	26	52	77	100	116	
<i>UCD: Pharmacology &amp; Toxicology [49-89]</i>					x						x		
Physiology	3	4	11	19	40	63	7	11	30	41	56	63	
<i>UCD: Molecular, Cellular &amp; Integrative Physiology [19-42]</i>				x							x		
Public Health	2	6	14	36	56	88	9	13	34	60	78	91	
<i>UCD: Epidemiology [45-70]</i>					x						x		
Engineering	Biomedical Engineering and Bioengineering	2	6	12	21	40	73	7	15	35	53	65	74
	<i>UCD: Biomedical Engineering [26-57]</i>					x						x	
	Chemical Engineering	4	7	16	37	59	105	10	24	45	75	91	106
	<i>UCD: Chemical Engineering [4-12]</i>	x	x	x					x	x			
	Civil and Environmental Engineering	5	7	20	42	75	129	16	22	58	92	114	130
	<i>UCD: Civil &amp; Environmental Engineering (Civil Engineering) [55-102]</i>					x						x	
	<i>UCD: Transportation Technology &amp; Policy [54-98]</i>					x						x	
	Electrical and Computer Engineering	4	6	16	37	70	135	23	38	69	99	118	136
<i>UCD: Electrical &amp; Computer Engineering [103-126]</i>						x						x	
Materials Science and Engineering	2	6	16	31	50	83	9	14	28	57	69	83	
<i>UCD: Materials Science and Engineering [8-17]</i>		x	x						x				
Mechanical Engineering	5	7	20	43	68	127	14	20	45	91	110	127	
<i>UCD: Mechanical &amp; Aeronautical Engineering [107-120]</i>						x						x	

NRC Broad Field	NRC Field <i>UCD Program [program range of rankings]</i>	Diversity Rankings - 5th Percentile						Diversity Rankings - 95th Percentile					
		5%	10%	1st Q	2nd Q	3rd Q	4th Q	5%	10%	1st Q	2nd Q	3rd Q	4th Q
Humanities	Comparative Literature <i>UCD: Comparative Literature [9-24]</i>	2	3	5	18	27	46	7	13	19	33	42	46
	English Language and Literature <i>UCD: English [37-82]</i>	3	4	16	37	66	118	22	31	52	81	101	119
	French and Francophone Language and Literature <i>UCD: French [26-37]</i>	1	1	5	14	25	43	9	10	15	31	37	43
	History <i>UCD: History [11-40]</i>	5	9	19	48	83	134	19	33	53	93	114	137
	Music (except performance) <i>UCD: Music [10-24]</i>	4	4	10	25	39	62	8	11	24	42	53	63
	Philosophy <i>UCD: Philosophy [83-88]</i>	3	7	17	31	55	90	7	16	37	54	73	90
	Spanish and Portuguese Language and Literature <i>UCD: Spanish [5-26]</i>	1	2	5	22	39	58	15	19	24	40	52	60
	Theatre and Performance Studies <i>UCD: Performance Studies [4-8]</i>	2	3	4	8	17	23	3	6	10	17	25	27
	Applied Mathematics <i>UCD: Applied Mathematics [17-26]</i>	1	2	7	10	18	33	5	7	14	23	26	33
	Chemistry <i>UCD: Agricultural &amp; Environmental Chemistry [34-91]</i> <i>UCD: Chemistry [52-106]</i>	5	12	27	58	103	176	15	37	75	117	155	178
Computer Sciences <i>UCD: Computer Science [39-75]</i>	4	7	21	41	70	126	19	26	51	86	110	126	
Earth Sciences <i>UCD: Geology [15-43]</i>	3	7	26	48	85	139	19	28	55	95	121	140	
Mathematics <i>UCD: Mathematics [99-114]</i>	3	8	19	42	85	126	12	25	52	82	106	127	
Physics <i>UCD: Applied Science Engineering [78-120]</i> <i>UCD: Physics [120-145]</i>	3	8	20	49	98	158	21	34	69	104	135	161	
Statistics and Probability <i>UCD: Statistics [2-11]</i>	2	3	7	15	35	60	11	17	32	42	53	61	
Agricultural and Resource Economics <i>UCD: Agricultural &amp; Resource Economics (Agricultural Economics) [19-28]</i>	1	3	3	7	14	22	5	12	15	22	26	28	
Anthropology <i>UCD: Anthropology [54-71]</i>	3	5	12	33	53	81	10	17	33	54	69	82	
Economics <i>UCD: Economics [42-80]</i>	2	6	13	36	69	116	23	37	54	77	100	117	
Geography <i>UCD: Geography [3-13]</i>	3	3	6	14	27	49	12	15	20	35	39	49	
Political Science <i>UCD: Political Science [88-100]</i>	3	7	17	40	70	102	14	25	39	66	90	105	
Psychology <i>UCD: Psychology [126-188]</i>	8	15	38	86	138	234	24	41	93	160	200	236	
Sociology <i>UCD: Sociology [56-87]</i>	4	8	19	40	74	117	12	20	47	74	100	118	
<b>UC Davis program counts:</b>		<b>4</b>	<b>6</b>	<b>12</b>	<b>17</b>	<b>13</b>	<b>10</b>	<b>1</b>	<b>5</b>	<b>12</b>	<b>13</b>	<b>18</b>	<b>9</b>