

The Graduate School

Annual Report of the Graduate School

2003–2004

The logo consists of a solid black square with the word "CORNELL" in white, serif, all-caps font centered within it.

CORNELL

Graduate School

Caldwell Hall
Ithaca, NY 14853-2602
USA

Annual Report of the Graduate School

Cornell University
2003-2004

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INTRODUCTION

THE GRADUATE SCHOOL

Staff. The 2003-2004 academic year brought many staffing changes to the Graduate School, including retirements, job changes, and new hires. Susan Stolov, Financial Aid Counselor, and Ron Watkins, Graduate Registrar, retired after many years of service. Four experienced staff members from the former offices of Admissions (Janine Brace and Barbara Edinger), Records (Anne Haessner), and Fellowships and Financial Aid (Shirley Weaver), became Graduate Student Service Representatives with responsibilities across the student services area. Maggie Peck became the Graduate Student Service Coordinator, providing administrative support for Sarah Hale, directing the activities of the Student Services staff, and acting as registrar for the Graduate School. Linda Frady replaced Susan Stolov as the Financial Aid Counselor. Doug Elliot became the Data Analyst, with expanded oversight of institutional reporting and new responsibilities in the areas of information systems development, communications, and account reconciliation. Heidi Ellis was hired to provide administrative support for the Graduate Student Service Representatives, and Sarah Monroe was hired as Administrative Assistant in the Deans' Office. In addition to providing administrative support for the Deans, Sarah processes nominations for graduate faculty membership. Finally, John Tonello joined us in December 2003 as Publications Coordinator and Webmaster. John brings extensive experience in journalism, internet and database technology, and communications. During the spring and summer of 2004, he made important improvements to the Graduate School's publications and streamlined the production and maintenance of our web- and paper-based materials.

Student Services. The four Graduate Student Service Representatives have been extensively cross-trained and now serve as a single point of contact for students, graduate field assistants, and other university staff in their respective fields. The Student Services suite in 143 Caldwell Hall has been reorganized to provide a comfortable and welcoming reception area and to give easy access to the GSSR's.

On-Line Forms. To reduce paperwork and make life easier for graduate students and faculty, the Graduate School has developed several web-based processes that replace paper forms. The on-line Registration Unit Recommendation form has been in use since February 2003. During the fall of 2003, we collaborated with CIT to produce an on-line Special Committee Selection and Change (SCSC) form. Since January 2004, the new SCSC form has been tested by students and faculty in a pilot group of twelve graduate fields, and will be implemented for all fields early in 2005. In addition, we have developed an on-line summer registration form, used by over 3000 students in summer 2004, and an on-line degree information form which will be launched in October 2004 to replace the Degree Information Card.

New Programs. Several new graduate programs were established during the 2003-2004 academic year. These include a new major field, Information Science; a Master of Engineering program in Biomedical Engineering; and two minor fields, American Studies and Genomics.

ANALYSIS OF THE ANNUAL REPORT

APPLICATIONS, ADMISSIONS, AND MATRICULATIONS

Applications

Fall 2003 Applications		
	Number	Percent of total
Overall Applications	14568	
Females	5742	39%
Males	8826	61%
U.S./Permanent Residents	5852	40%
Female	2467	17%
Male	3385	23%
Foreign Residents	8716	60%
Female	3275	22%
Male	5441	37%
Underrepresented Minorities	502	3%
Total Minorities	1210	8%
Caucasian (and undeclared)	4642	32%
Doctoral Students	9611	66%
M.A./M.S. Students	960	7%
Professional Masters Students	3888	27%

There was a 5% decrease in the total number of applications for fall 2003 as compared with fall 2002. The decrease was entirely due to a significant decline in the international applicant pool; applications from U.S. citizens and permanent residents increased by 7%. Applications for research master's programs seem to be registering the most drastic dip – from 1332 applications in 2002 to 960 in 2003, a 28% decrease. Doctoral and professional master's degree applications dropped slightly after rising for several years.

Figure 1

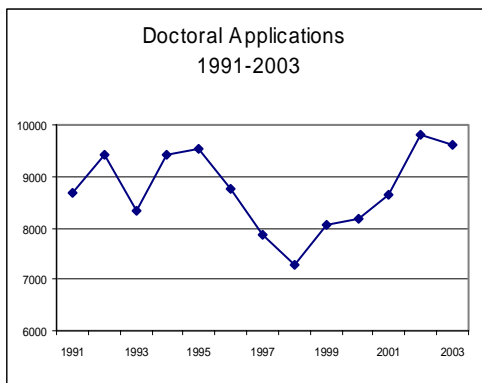


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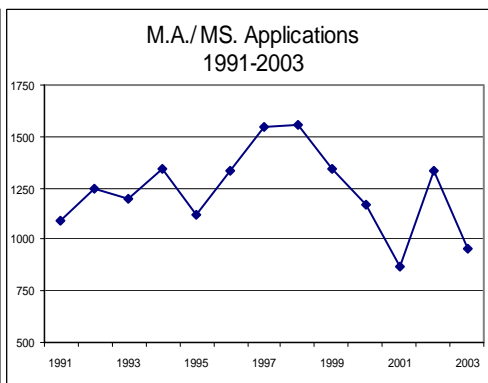


Figure 3



Offers of admission also declined slightly in 2003, but the overall matriculation rate registered a slight increase because of a significant rise in doctoral matriculations. M.A. and M.S. programs continue to show a decline in applications, offers of admission, and matriculations.

Figure 4

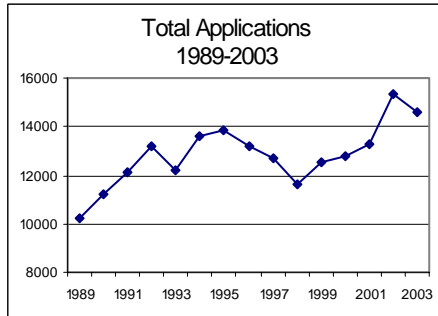


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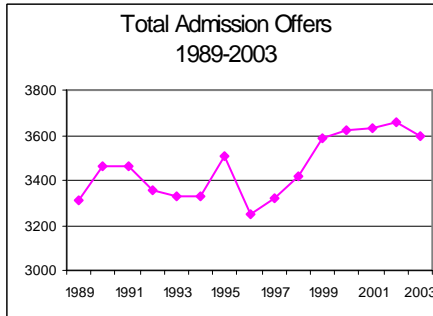
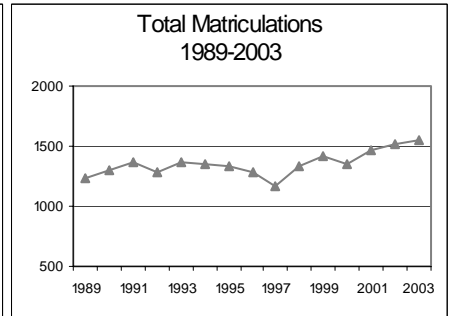
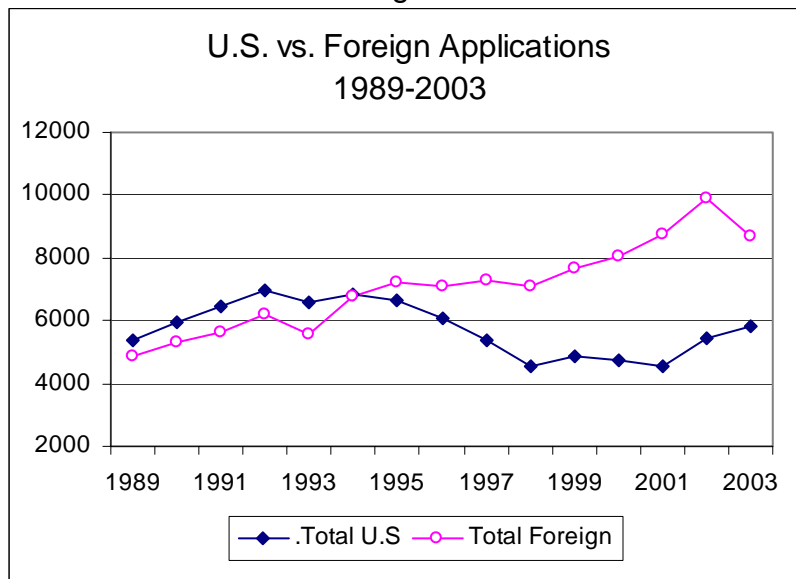


Figure 6



The number of domestic applicants increased in 2003, but remains down from levels noted in the early 1990's. The number of foreign applicants decreased by 12% in the same year and is responsible for the overall decrease in applications.

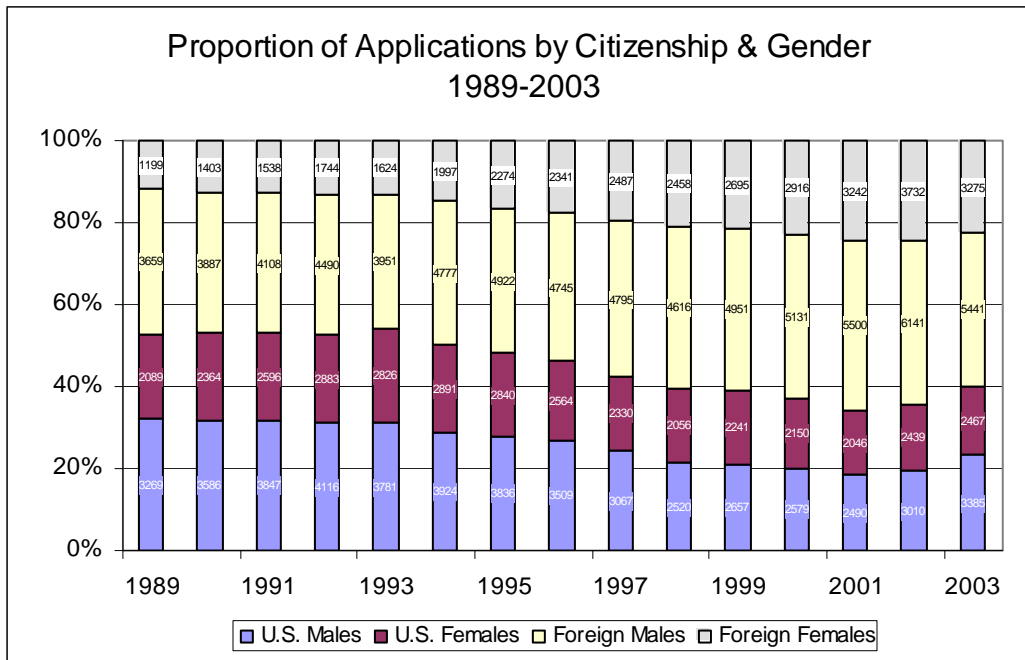
Figure 7



The drop in foreign applications reflects a nationwide trend following September 11, 2001. The number of domestic applicants has risen after declining in recent years, but the number of U.S. females matriculated was lower than in 2002. U.S. females are the only group that registered lower matriculation rates than the previous year. For foreign students, there was a slight increase in the number of matriculations.

In terms of citizenship and gender, foreign males continue to comprise the largest group. The number of U.S. applicants has been increasing in the past years and may reflect the weak job market in the U.S. during this period.

Figure 8



As in recent years, male applicants in 2003 made up about 60% of the applicant pool and females about 40%.

Domestic offers of admission increased only for the male cohort, despite an increase in applications from U.S. females. The same pattern can be observed for the foreign applicant population: the rate of admission has been relatively higher for foreign males than for foreign women.

The matriculation rates of those offered admission are fairly similar, with the domestic male cohort being the most stable over the years. In 2003, U.S. females were the only group that showed a lower matriculation rate, but this follows an unusually large increase in the preceding year. All other cohorts showed an increase in matriculations, driving up the overall matriculation rate.

Figure 9

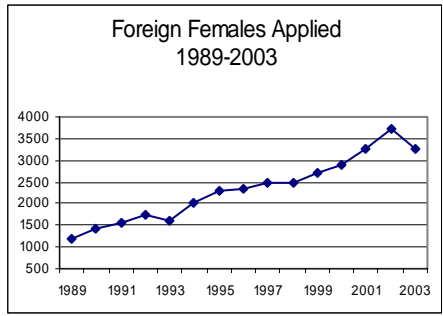


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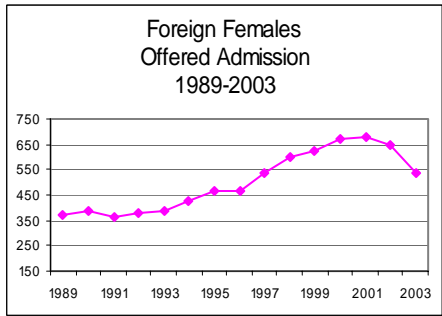


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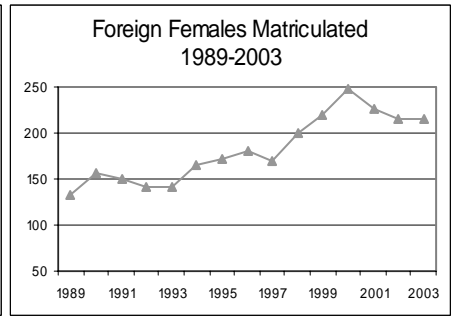


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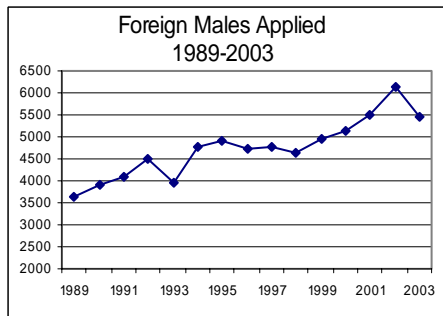


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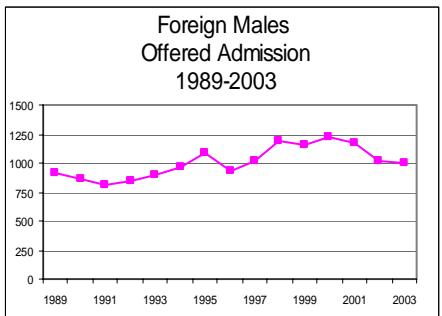


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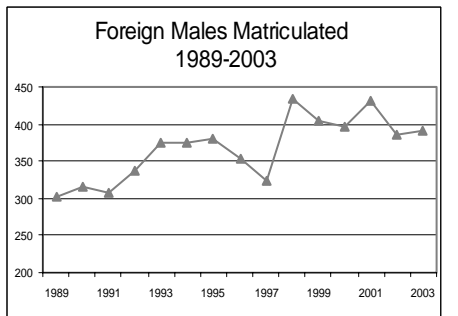


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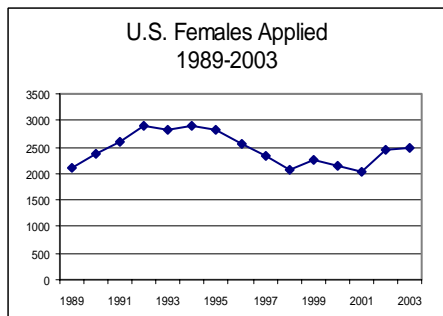


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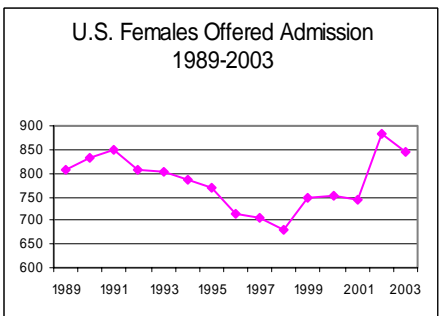


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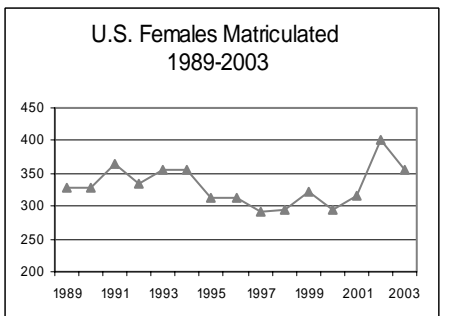


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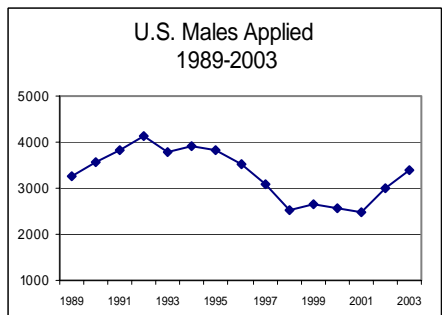


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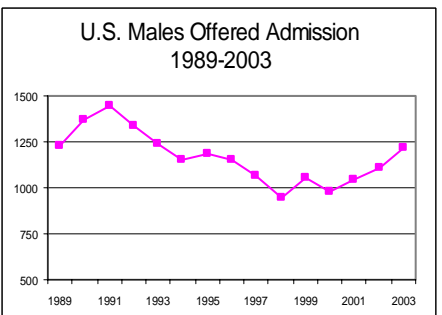
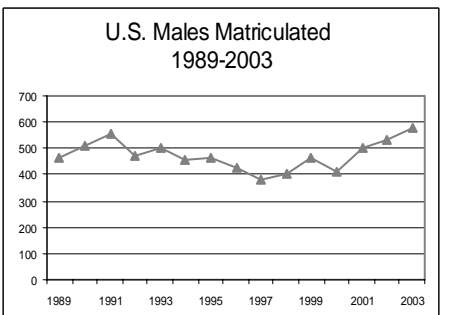


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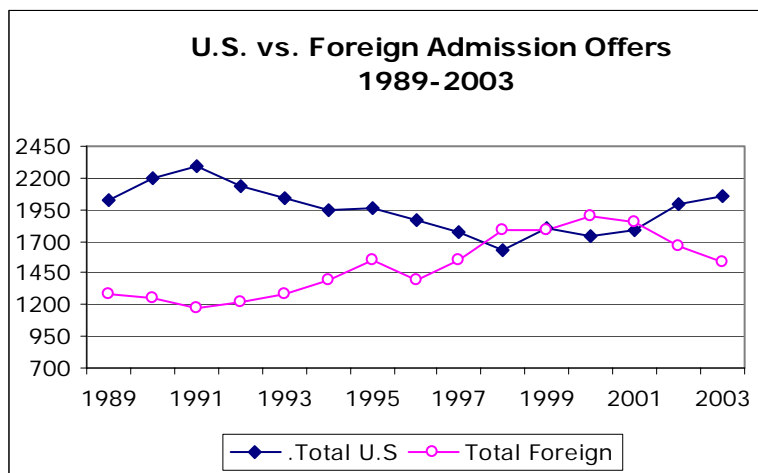
Fall 2003 Offers of Admission

	Number	Percent of total
Overall Offers of Admission	3593	
Females	1383	38%
Males	2210	62%
U.S./Permanent Residents	2060	57%
Female	844	23%
Male	1216	34%
Foreign Residents	1533	43%
Female	539	15%
Male	994	28%
Underrepresented Minorities	179	5%
Total Minorities	513	14%
Caucasian (and undeclared)	1547	43%
Doctoral Students	1507	42%
M.A./M.S. Students	273	8%
Professional Masters Students	1708	48%

Overall offers of admission decreased slightly in 2003 from the previous year, with doctoral and professional master's degrees recording a small decrease and research master's degrees dropping at a faster rate. This may be a reflection of recent constraints in education funding. The number of M.A. and M.S. offers of admission has continued to decline over the past three years.

The number of females offered admission decreased for the first time in the past eight years, whereas the number of males offered admission has registered a slight increase. For fall 2003, the percentages of applicants offered admission within each gender group were roughly equal, as they have been for the past decade.

Figure 21



The number of international students offered admission again decreased slightly in 2003, but remained at a higher level than in the early 1990's. Domestic offers of admission are continuing to rise from the low noted in 1998. The admission rates of domestic and international students are showing an increasing disparity, primarily because the number of international applicants offered admission has been on a steady decline.

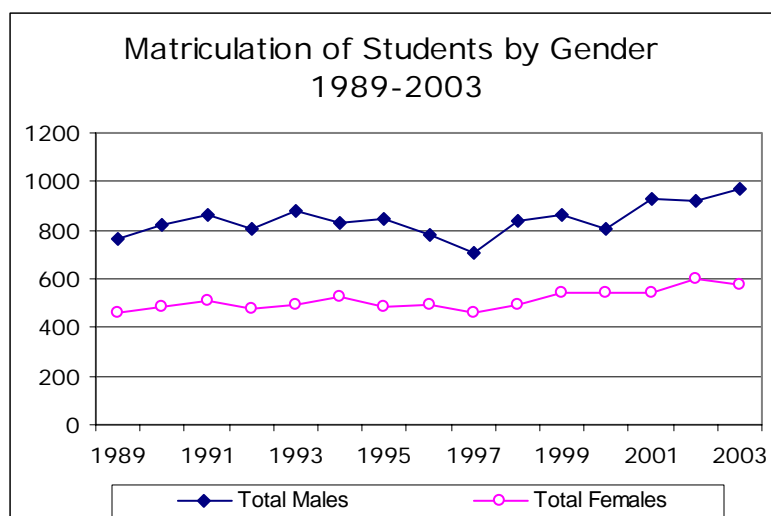
Matriculations

Fall 2003 Matriculations		
	Number	Percent of total
Overall Matriculations	1543	
Females	572	37%
Males	971	63%
U.S./Permanent Residents	936	61%
Female	357	23%
Male	579	38%
Foreign Residents	607	39%
Female	215	14%
Male	392	25%
Underrepresented Minorities	104	7%
Total Minorities	267	17%
Caucasian (and undeclared)	669	43%
Doctoral Students	637	41%
M.A./M.S. Students	109	7%
Professional Masters Students	752	49%

Doctoral matriculations are trending higher, while M.A. and M.S. matriculations are decreasing. The number of matriculating professional master's candidates has registered a moderate decrease for the first time in the past six years.

The number of female matriculants has been relatively stable over the years while the male matriculant cohort registered greater fluctuations. On the whole, however, more males have matriculated in recent years.

Figure 22



The percentages of males and females accepting offers of admission, though generally similar, have undergone a subtle transition over the past fifteen years. In 1988, a greater percentage of females than males accepted admission offers (40% versus 37%), but in 2003, more males accepted offers (44% versus 41%).

The percentage of those offered admission who then matriculate has historically been higher for domestic students than for international students. In fall 2003, the trend continued, with more domestic applicants matriculating than in any previous year in comparison. International matriculations were lower in 2003 than in previous years, but remain at historically high levels.

Underrepresented Minorities

In 2003, there was an increase in the number of applications, offers of admission, and matriculations for underrepresented minority students, in line with trends in the overall domestic applicant pool. Underrepresented minorities represent 3% of all applicants, 5% of students offered admission (as opposed to 4% in 2002), and 7% of matriculants (as opposed to 6% in 2002).

The matriculation rate for underrepresented minorities (over 50% in recent years) has been consistently higher than that of other groups, with the disparity increasing over the years.

Figure 23

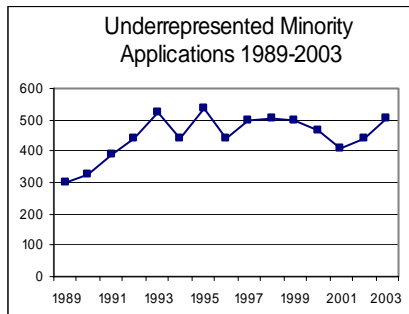


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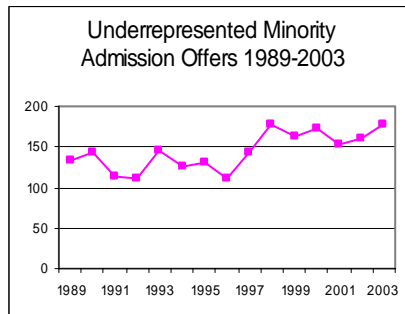


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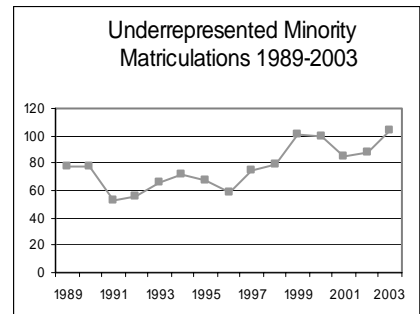


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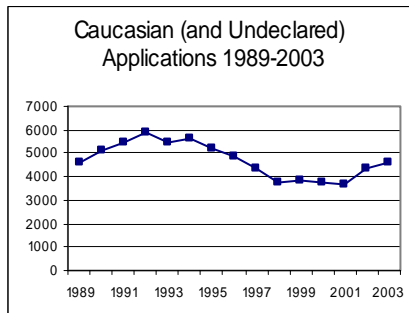


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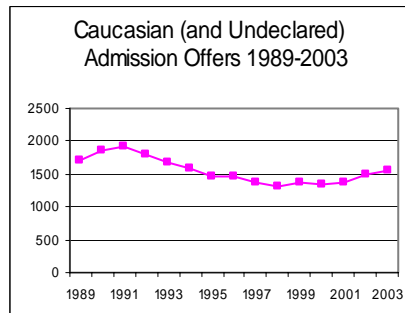
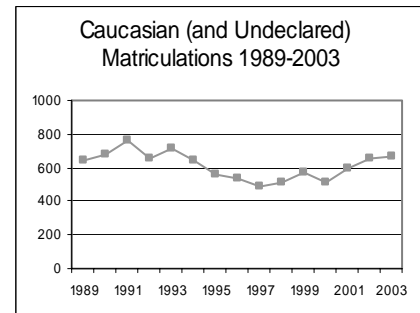


Figure 28



ENROLLMENT

Fall 2003 Enrollment

	Number	Percent of total
Overall Enrollment	4702	
Females	1943	41%
Males	2759	59%
U.S./Permanent Residents	2734	58%
Female	1190	25%
Male	1544	33%
Foreign Residents	1968	42%
Female	753	16%
Male	1215	26%
Underrepresented Minorities	312	7%
Total Minorities	652	14%
Caucasian (and undeclared)	2082	44%
Doctoral Students	3205	68%
M.A./M.S. Students	270	6%
Professional Masters Students	1177	25%
Nondegree	50	1%

Enrollment by Degree Program

In 2003, doctoral enrollment continued the rise of the past few years and surpassed the levels of the mid-1990's. M.A. and M.S. enrollment decreased in 2003, reaching the lowest level in years. Enrollment in professional master's programs increased slightly to an all-time high.

Figure 29

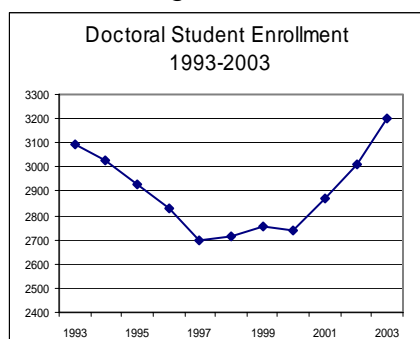


Figure 30

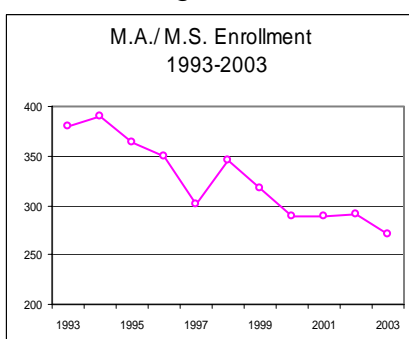


Figure 31



Enrollment by Area

In general, graduate enrollment dipped between 1996 and 1998 and has increased in the years since then. The pattern differs significantly by area. The humanities have shown a downward trend during the past decade, but enrollments in the past three years have been modestly higher. In the biological sciences, enrollments have been relatively stable, but have increased slightly in recent years.

In the physical and social sciences, there has been significant enrollment growth over the past several years. The physical sciences saw enrollments jump 39% from 1997 to 2003, and in the social sciences, enrollment increased by 13% from 1997 to 2003 and now is at an all time high.

Enrollment by Gender

In fall 2003, the proportion of females to males (41% to 59%) in the graduate student population was in line with recent years. Although on the whole the number of enrolled females was slightly lower than last year, there are now 12% more females than in 1994, while the male cohort grew by only 2% over the same period of time.

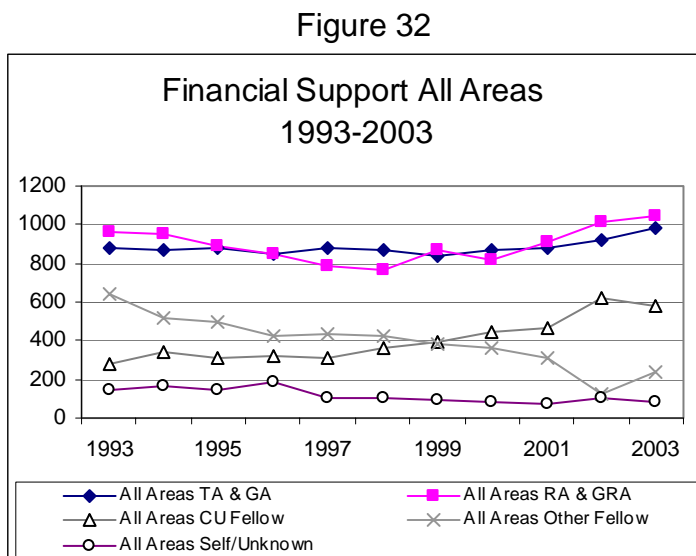
Enrollment by Citizenship

In doctoral programs, enrollment increased in fall 2003 for both U.S. citizens and permanent residents. The pattern was different in master's programs, with enrollment decreasing for domestic students and increasing for international students. Across all degree programs, there was a 5% increase over the previous year in the number of domestic students and a 2% increase in the number of international students.

Enrollment by Ethnicity

Enrollments for underrepresented minorities showed strong growth in 2003 of 11% from the previous year, with doctoral enrollments up 11% and master's program enrollments up 9%. For all entering U.S. students, the pattern was somewhat different, with overall enrollment increasing by 2%, doctoral enrollment going up by 13%, and master's decreasing by 6%.

Financial Support, All Areas



The number of students on teaching assistantships and graduate assistantships has increased slightly after holding steady for most of the past 10 years. In general, there has been a reciprocal pattern in the numbers of Cornell fellowships and external fellowships and scholarships, though in 2003 Cornell fellowships showed a slight decrease and outside support rose for the first time in many years. The number of self-funded students has remained relatively stable, but in recent years this group contains an increasing number of students in professional master's programs where Cornell support is uncommon.

Figure 33

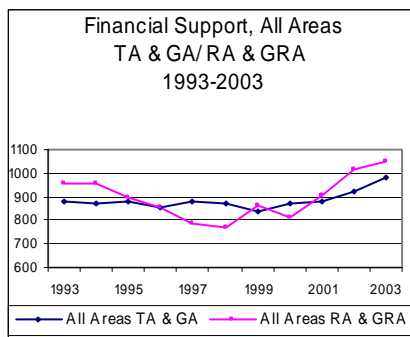


Figure 34

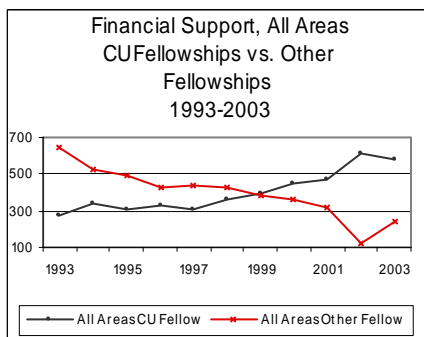
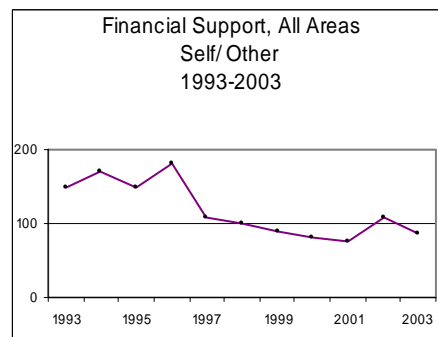


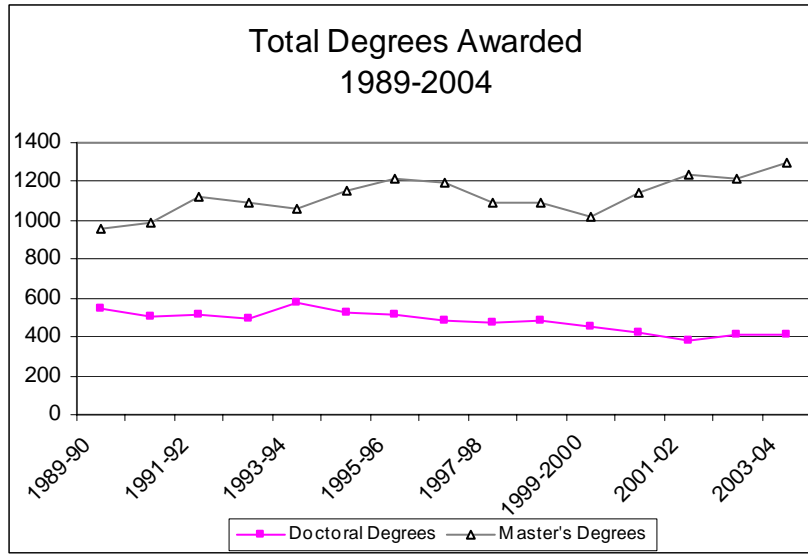
Figure 35



DEGREES

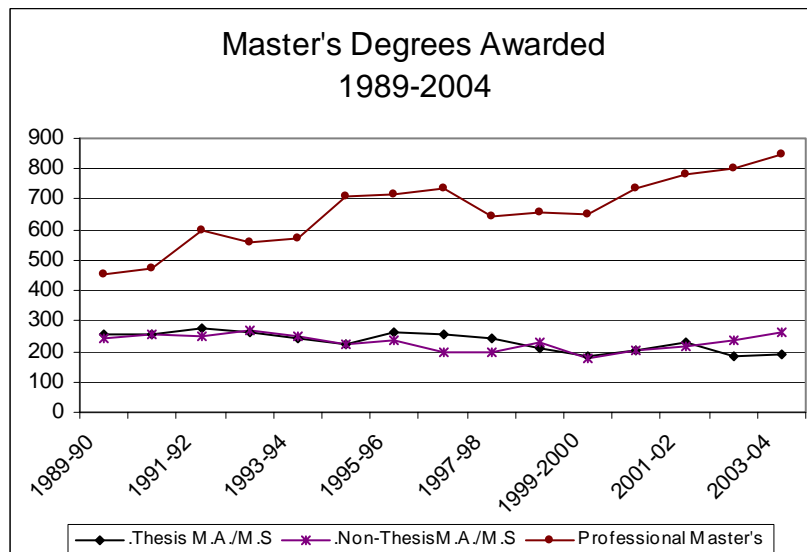
Degrees Awarded August 2003 – May 2004		
	Number	Percent
Overall Degrees Awarded	1709	
Doctoral Degrees	413	24%
All Master's degrees	1296	76%
Doctoral Degrees 413		
Females	139	34%
Males	274	66%
U.S./Permanent Residents	213	52%
Female	78	19%
Male	135	33%
Foreign Residents	200	48%
Female	61	15%
Male	139	34%
Underrepresented Minorities	25	6%
Total Minorities	42	10%
Caucasian (and undeclared)	171	41%
All Master's degrees 1296		
Females	482	37%
Males	814	63%
Masters (Thesis)	189	15%
Masters (Non-thesis)	260	20%
Professional Masters	847	65%
U.S./Permanent Residents	784	60%
Female	282	22%
Male	502	39%
Foreign Residents	512	40%
Female	200	15%
Male	312	24%
Underrepresented Minorities	78	6%
Total Minorities	236	18%
Caucasian (and undeclared)	548	42%

Figure 36



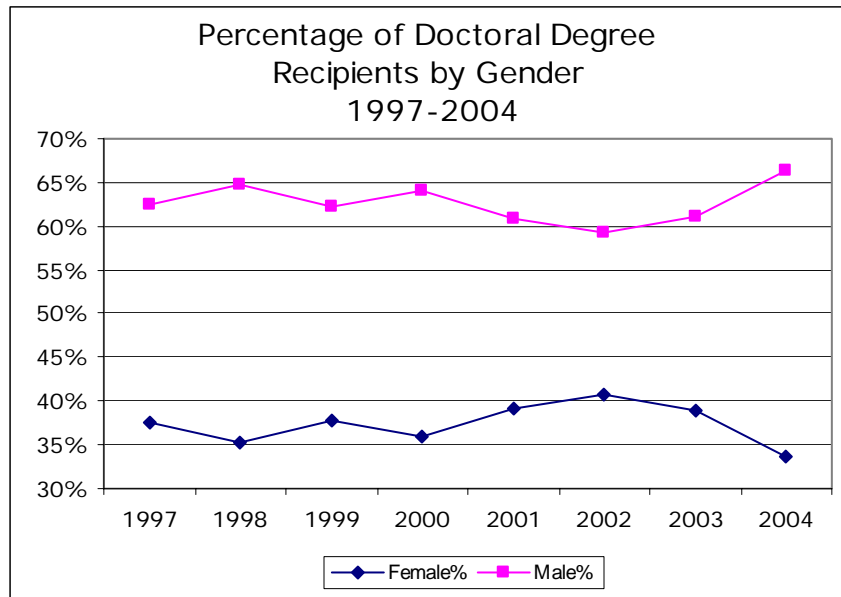
Doctoral degrees awarded in 2003-2004 again showed an increase, reversing the declining trend of the past decade. The increase was anticipated because of the turnaround in doctoral enrollment over the past few years. The number of master's degrees awarded showed a slight increase over the previous year, with research master's degrees showing a small increase and professional master's degrees increasing significantly to reach historic highs.

Figure 37



The gap between female and male doctoral degree recipients widened significantly in 2003-2004. The ratio of males to females has now shifted slightly in favor of males.

Figure 38



For doctoral degrees, the ratio of domestic recipients to international recipients has almost evened out, at 52% to 48%. A similar trend was noted for master's degrees, where the proportion of foreign students increased slightly at 40%, as compared to 37% in 2002.

Figure 39

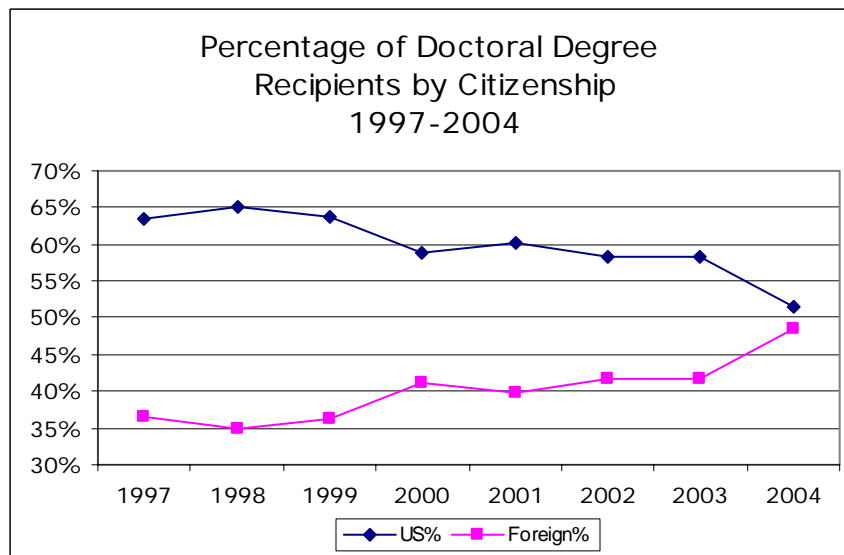


Table O-1. Degrees Awarded and Fall Term Enrollment, 1939-40, 1950-51 through 2003-2004

Year	Doctoral Degrees	Doctoral Enrollment	Total Degrees	Total Enrollment
2003-04	413	3205	1709	4702
2002-03	411	3009	1630	4535
2001-02	382	2867	1617	4363
2000-01	418	2740	1565	4097
1999-00	445	2757	1476	4116
1998-99	484	2712	1578	4007
1997-98	471	2696	1567	3935
1996-97	483	2819	1679	4191
1995-96	517	2924	1736	4343
1994-95	524	3024	1676	4446
1993-94	570	3087	1635	4494
1992-93	490	3137	1584	4447
1991-92	511	3203	1635	4522
1990-91	497	3151	1486	4432
1989-90	540	3196	1496	4390
1988-89	467	3122	1380	4317
1987-88	462	3067	1383	4214
1986-87	431	2990	1414	4180
1985-86	435	2875	1318	4007
1984-85	409	2803	1279	3968
1983-84	424	2630	1315	3820
1982-83	425	2559	1381	3707
1981-82	380	2555	1297	3735
1980-81	411	2401	1255	3676
1979-80	399	2304	1186	3540
1978-79	411	2261	1181	3381
1977-78	461	2277	1309	3393
1976-77	420	2348	1253	3478
1975-76	467	2430	1363	3608
1974-75	460	2430	1246	3497
1973-74	493	2464	1341	3532
1972-73	502	2455	1305	3440
1971-72	464	2502	1157	3428
1970-71	489	2596	1239	3464
1969-70	457	2316	1169	3488
1968-69	411	2477	1121	3401
1967-68	389	2241	1078	3413
1966-67	339	1991	1134	3246
1965-66	317	1688	1095	3138*
1964-65	291	-	838	2709
1963-64	248	1353	720	2628
1962-63	203	1214	-	2395
1961-62	244	-	-	2133
1960-61	217	-	-	1961
1959-60	206	982	633	2003
1958-59	195	-	591	1903
1957-58	166	-	549	1737
1956-57	178	-	527	1560
1955-56	204	803	558	1561
1954-55	223	764	557	1543
1953-54	224	796	532	1476
1952-53	222	774	546	1415
1951-52	251	741	599	1471
1950-51	258	746**	-	1422
1939-40	167	566**	-	966

*Increase because professional engineering students previously registered as fifth year undergraduates.

**PhD enrollment only.

"-" indicates data not available

Table O-2. Doctoral Enrollment and Doctoral Degrees Awarded
by Area, 1957 through 2003

Year	Total Doctoral*		Humanities		Biological Sci.		Physical Sci.		Social Sci.	
	Enroll.	Degrees	Enroll.	Degrees	Enroll.	Degrees	Enroll.	Degrees	Enroll.	Degrees
2003	3205	413	418	38	851	117	1274	165	662	93
2002	3009	411	402	60	818	126	1165	145	624	80
2001	2867	382	407	37	792	128	1069	125	599	92
2000	2740	418	383	51	746	122	1008	154	603	91
1999	2757	448	371	68	764	117	1018	161	604	102
1998	2712	485	387	60	753	160	985	158	587	107
1997	2696	475	393	59	762	130	924	183	617	103
1996	2819	486	412	59	788	130	1006	179	613	118
1995	2924	517	433	63	815	161	1025	193	651	100
1994	3024	525	457	61	841	148	1091	196	635	120
1993	3087	572	454	59	827	140	1147	231	659	142
1992	3137	494	454	80	820	133	1206	171	657	110
1991	3203	513	470	54	842	143	1231	218	660	98
1990	3151	501	448	47	805	128	1262	203	636	123
1989	3196	543	437	48	810	152	1313	221	636	122
1988	3122	471	425	44	817	148	1298	187	582	92
1987	3067	466	402	51	818	138	1257	173	590	104
1986	2990	432	386	42	797	111	1252	190	555	89
1985	2875	438	339	43	780	121	1213	179	543	95
1984	2803	413	342	43	771	131	1149	142	541	97
1983	2630	425	303	42	734	121	1076	149	517	113
1982	2559	429	299	46	705	137	1033	143	522	103
1981	2555	382	301	35	730	116	973	125	551	106
1980	2401	411	299	44	675	117	889	149	538	101
1979	2304	402	294	44	666	115	831	140	513	103
1978	2261	415	303	45	660	125	792	115	506	130
1977	2277	465	294	48	658	135	792	147	533	135
1976	2348	422	306	44	640	114	804	127	598	137
1975	2430	470	302	64	660	129	817	132	651	145
1974	2430	463	332	63	650	137	801	136	647	127
1973	2464	496	337	76	652	121	796	155	679	144
1972	2455	510	369	73	621	112	813	181	652	144
1971	2502	470	370	58	639	127	837	173	656	112
1970	2596	497	387	57	623	117	920	197	666	126
1969	2316	466	299	57	523	109	904	162	590	138
1968	2477	420	366	48	539	123	935	132	637	117
1967	2241	402	310	47	499	103	866	162	566	90
1966	1991	354	269	42	451	79	786	131	485	102
1965	1688	323	221	31	418	92	643	132	406	68
1964	-	306	-	37	-	86	-	105	-	78
1963	1353	268	139	26	328	104	518	79	368	59
1962	1214	210	122	20	323	58	436	83	333	49
1961	-	259	-	13	-	92	-	80	-	74
1960	-	233	-	19	-	77	-	60	-	77
1959	982	219	79	15	301	91	319	59	283	54
1958	-	203	-	12	-	77	-	63	-	51
1957	-	178	-	10	-	64	-	46	-	58

*Includes professional doctorates. "-" indicates data not available

Degrees awarded for each year include three degree periods: August of the year given, and January and May of the next calendar year.

Table O-3. Average Completion Rate and Time to Degree for Doctoral Programs by Field

	Average Completion Rate	Average Time to Degree (Years)
Summary		
Humanities	65%	6.8
Biological Sciences	78%	5.5
Physical Sciences	70%	5.5
Social Sciences	68%	5.6
Overall Average	70%	5.7

Humanities

Architecture	50%	6.8
Classics	51%	6.2
Comparative Literature	71%	6.8
East Asian Literature	60%	8.6
English Language and Literature	73%	6.2
Germanic Studies	69%	7.3
History	57%	7.6
History of Art and Archaeology	67%	7.7
Medieval Studies	68%	6.3
Music	64%	7.1
Near Eastern Studies	70%	7.3
Philosophy	66%	6.5
Romance Studies	79%	6.0
Science and Technology Studies	74%	6.3
Theatre Arts	50%	6.0

Biological Sciences

Animal Breeding	70%	4.9
Animal Science	83%	5.7
Biochemistry, Molecular and Cell Biology	86%	6.0
Biometry	33%	5.3
Biophysics	73%	5.9
Comparative Biomedical Sciences	85%	4.8
Ecology and Evolutionary Biology	81%	6.3
Entomology	90%	5.9
Environmental Toxicology	82%	5.1
Floriculture and Ornamental Horticulture	63%	4.0
Food Science and Technology	76%	4.9
Genetics and Development	81%	6.0
Immunology	90%	4.9
Microbiology	83%	5.5
Natural Resources	60%	6.1
Neurobiology and Behavior	86%	6.9
Nutrition	75%	5.8
Pharmacology	82%	6.4
Physiology	76%	5.4
Plant Biology	81%	6.2
Plant Breeding	90%	4.8
Plant Pathology	86%	5.5
Pomology	57%	5.0
Psychology	69%	5.6
Soil, Crop and Atmospheric Sciences*	85%	5.3
Vegetable Crops	88%	5.1
Zoology	85%	6.7

Table O-3. Average Completion Rate and Time to Degree for Doctoral Programs by Field

	Average Completion Rate	Average Time to Degree (Years)
Physical Sciences		
Aerospace Engineering	72%	5.5
Agricultural and Biological Engineering	72%	5.4
Applied Mathematics	81%	5.4
Applied Physics	70%	5.9
Astronomy and Space Sciences	75%	6.1
Biomedical Engineering	**	**
Chemical Engineering	81%	5.3
Chemistry and Chemical Biology	78%	5.4
Civil and Environmental Engineering	71%	4.9
Computer Science	68%	5.8
Electrical and Computer Engineering	78%	5.4
Geological Sciences	75%	5.7
Materials Science and Engineering	71%	5.5
Mathematics	66%	5.6
Mechanical Engineering	69%	5.1
Nuclear Science and Engineering	47%	5.5
Operations Research	78%	4.9
Physics	76%	6.2
Textiles	54%	4.4
Theoretical and Applied Mechanics	86%	4.8
Social Sciences		
Applied Economics and Management	71%	5.4
Anthropology	67%	7.6
City and Regional Planning	75%	6.0
Communication	63%	5.8
Development Sociology	66%	6.3
Economics	71%	5.4
Education	65%	4.5
Government	67%	7.1
Hotel Administration	70%	4.8
Human Development	64%	5.9
Industrial and Labor Relations	64%	5.3
Law***	67%	3.5
Linguistics	71%	6.2
Management	79%	5.4
Policy Analysis and Management	70%	5.2
Regional Science	72%	5.5
Sociology	61%	5.6
Statistics	64%	5.0

For each field, completion rate and time to degree were calculated using entering student cohorts beginning with 1987 (or the year of the program's inception, if later than 1987) and ending with the most recent cohort in which at least 90% of entering students are no longer registered, either because they have graduated or because they have left the program without earning the doctorate.

*The field of Soil, Crop and Atmospheric Sciences split into the fields of *Soil and Crop Sciences* and *Atmospheric Science* in 2001. There is not yet sufficient data for the two separate fields.

**Averages are not calculated when the total number of students in all countable cohorts is less than five or when the field has been in existence for less than three years.

***J.S.D. program.

Table A-1. Application, Admission, and Matriculation by Degree Program
Fall Terms, 1994 through 2003

Year	Doctoral					M.A./M.S.					Prof. Master's				
	Applied	Admitted	% Admitted	Matriculated	% Matriculated	Applied	Admitted	% Admitted	Matriculated	% Matriculated	Applied	Admitted	% Admitted	Matriculated	% Matriculated
2003	9,611	1,507	16%	637	42%	960	273	28%	109	40%	3,888	1,708	44%	752	44%
2002	9,801	1,518	15%	580	38%	1,332	296	22%	123	42%	4,044	1,702	42%	763	45%
2001	8,645	1,583	18%	567	36%	866	308	36%	120	39%	3,651	1,624	44%	729	45%
2000	8,168	1,533	19%	535	35%	1,169	376	32%	105	28%	3,318	1,607	48%	655	41%
1999	8,051	1,497	19%	578	39%	1,339	365	27%	133	36%	3,028	1,604	53%	624	39%
1998	7,280	1,474	20%	571	39%	1,556	388	25%	144	37%	2,717	1,470	54%	562	38%
1997	7,856	1,331	17%	463	35%	1,551	376	24%	120	32%	3,096	1,439	46%	527	37%
1996	8,756	1,569	18%	502	32%	1,329	442	33%	144	33%	3,050	1,496	49%	572	38%
1995	9,548	1,606	17%	496	31%	1,121	371	33%	138	37%	3,065	1,499	49%	639	43%
1994	9,432	1,589	17%	528	33%	1,342	373	28%	158	42%	3,076	1,366	44%	618	45%

Table A-2. Application, Admission, and Matriculation by Area
for Research and Professional Degrees
Fall Term, 2003

	Research Degrees	Professional Degrees*
Applied		
Humanities	1,414	639
Biological Sciences	1,637	23
Physical Sciences	4,782	1,249
Social Sciences	2,685	2,030
Total	10,518	3,941
Admitted		
Humanities	150	38
Biological Sciences	347	11
Physical Sciences	806	857
Social Sciences	469	810
Total	1,772	1,716
Admitted/Applied		
Humanities	11%	6%
Biological Sciences	21%	48%
Physical Sciences	17%	69%
Social Sciences	17%	40%
Total	17%	44%
Matriculated		
Humanities	74	21
Biological Sciences	178	5
Physical Sciences	309	392
Social Sciences	180	339
Total	741	757
Matriculated/Admitted		
Humanities	49%	55%
Biological Sciences	51%	45%
Physical Sciences	38%	46%
Social Sciences	38%	42%
Total	42%	44%

*Includes: professional master's degrees; also professional doctorates in the field of Law.

Table A-3. Application, Admission, and Matriculation for All Degrees
by Citizenship and Gender, Fall Terms, 1994 and 2003

Fall 1994	U.S. Male*	U.S. Female*	Foreign Male	Foreign Female	Total Male	Total Female	Total U.S.*	Total Foreign	Grand Total
Applied	3,924	2,891	4,777	1,997	8,701	4,888	6,815	6,774	13,589
Admitted	1,154	784	966	425	2,120	1,209	1,938	1,391	3,329
Admitted/Applied	29%	27%	20%	21%	24%	25%	28%	21%	24%
Matriculated	454	355	376	166	830	521	809	542	1,351
Matriculated/Admitted	39%	45%	39%	39%	39%	43%	42%	39%	41%
Fall 2003	U.S. Male*	U.S. Female*	Foreign Male	Foreign Female	Total Male	Total Female	Total U.S.*	Total Foreign	Grand Total
Applied	3,385	2,467	5,441	3,275	8,826	5,742	5,852	8,716	14,568
Admitted	1,216	844	994	539	2,210	1,383	2,060	1,533	3,593
Admitted/Applied	36%	34%	18%	16%	25%	24%	35%	18%	25%
Matriculated	579	357	392	215	971	572	936	607	1,543
Matriculated/Admitted	48%	42%	39%	40%	44%	41%	45%	40%	43%
% Change 1994-2003	U.S. Male*	U.S. Female*	Foreign Male	Foreign Female	Total Male	Total Female	Total U.S.*	Total Foreign	Grand Total
Applications	-14%	-15%	14%	64%	1%	17%	-14%	29%	7%
Admissions	5%	8%	3%	27%	4%	14%	6%	10%	8%
Matriculation	28%	1%	4%	30%	17%	10%	16%	12%	14%

*U.S. data includes both citizens and permanent residents.
Applications for non-degree status included.

Table A-4. Application, Admission, and Matriculation for U.S. Citizens†, by Ethnic Group, and Foreign Citizens
Fall Terms, 1994, 2002, and 2003

Applied	1994	2002	2003	Change 2002-2003
Underrepresented Minority*	561	440	502	14%
All Minority**	1,198	1,111	1,210	9%
Caucasian (and undeclared)	5,617	4,338	4,642	7%
Total U.S.†	6,815	5,449	5,852	7%
Total Foreign	6,774	9,873	8,716	-12%

Admitted	1994	2002	2003	Change 2002-2003
Underrepresented Minority*	226	161	179	11%
All Minority**	346	492	513	4%
Caucasian (and undeclared)	1,592	1,504	1,547	3%
Total U.S.†	1,938	1,996	2,060	3%
Total Foreign	1,391	1,664	1,533	-8%

Admitted/Applied	1994	2002	2003
Underrepresented Minority*	40%	37%	36%
All Minority**	29%	44%	42%
Caucasian (and undeclared)	28%	35%	33%
Total U.S.†	28%	37%	35%
Total Foreign	21%	17%	18%

Matriculated	1994	2002	2003	Change 2002-2003
Underrepresented Minority*	88	88	104	18%
All Minority**	170	262	267	2%
Caucasian (and undeclared)	639	660	669	1%
Total U.S.†	809	922	936	2%
Total Foreign	542	601	607	1%

Matriculated/Admitted	1994	2002	2003
Underrepresented Minority*	39%	55%	58%
All Minority**	49%	53%	52%
Caucasian (and undeclared)	40%	44%	43%
Total U.S.†	42%	46%	45%
Total Foreign	39%	36%	40%

†U.S. includes U.S. citizens and permanent residents.

*Underrepresented Minority includes: African American, Native American, Mexican American, Puerto Rican, and Other Hispanic

Applications for non-degree status included.

Table A-5. Application, Admission, and Matriculation for Research Degree Programs
(M.A., M.S., and Ph.D.) by Field*, Fall Term 2003

Fall 2003	Applied**	Admitted	Admitted/Applied	Matriculated	Matric./Admitted
Humanities					
Architecture	50	4	8%	3	***
Asian Religions	12	2	17%	1	***
Classics	45	9	20%	3	33%
Comparative Literature	72	7	10%	2	29%
East Asian Literature	29	4	14%	2	***
English Language and Literature	405	28	7%	14	50%
Germanic Studies	30	8	27%	2	25%
History	214	24	11%	14	58%
History of Art and Archaeology	49	4	8%	3	***
Medieval Studies	32	5	16%	2	40%
Music	61	5	8%	2	40%
Near Eastern Studies	22	1	5%	0	***
Philosophy	229	21	9%	9	43%
Romance Studies	81	18	22%	11	61%
Science and Technology Studies	57	7	12%	5	71%
Theatre Arts	26	3	12%	1	***
Humanities Total	1414	150	11%	74	49%
Biological Sciences					
Animal Breeding	4	1	***	1	***
Animal Science	45	8	18%	5	63%
Biochemistry, Molecular and Cell Biology	184	47	26%	18	38%
Biometry	22	3	14%	1	***
Biophysics	52	6	12%	1	17%
Comparative Biomedical Sciences	51	14	27%	6	43%
Ecology and Evolutionary Biology	98	8	8%	5	63%
Entomology	30	6	20%	2	33%
Environmental Toxicology	35	3	9%	2	***
Floriculture and Ornamental Horticulture	32	13	41%	5	38%
Food Science and Technology	128	37	29%	15	41%
Genetics and Development	99	27	27%	10	37%
Immunology	53	6	11%	4	67%
Microbiology	75	19	25%	15	79%
Natural Resources	97	19	20%	15	79%
Neurobiology and Behavior	45	14	31%	7	50%
Nutrition	110	21	19%	12	57%
Pharmacology	48	5	10%	2	40%
Physiology	19	7	37%	2	29%
Plant Biology	100	19	19%	7	37%
Plant Breeding	41	14	34%	8	57%
Plant Pathology	44	12	27%	8	67%

continued next page

Table A-5. Application, Admission, and Matriculation for Research Degree Programs (M.A., M.S., and Ph.D.) by Field*, Fall Term 2003

Fall 2003	Applied**	Admitted	Admitted/Applied	Matriculated	Matric./Admitted
Biological Sciences Continued					
Pomology	6	3	50%	3	***
Psychology	163	16	10%	9	56%
Soil and Crop Sciences	38	15	39%	14	93%
Vegetable Crops	5	4	80%	1	***
Zoology	13	0	0%	0	n/a
Biological Sciences Total	1637	347	21%	178	51%
Physical Sciences					
Aerospace Engineering	76	8	11%	5	63%
Agricultural and Biological Engineering	66	24	36%	11	46%
Applied Mathematics	138	9	7%	6	67%
Applied Physics	110	35	32%	21	60%
Astronomy and Space Sciences	103	22	21%	6	27%
Atmospheric Science	30	2	7%	2	***
Biomedical Engineering	91	19	21%	6	32%
Chemical Engineering	293	66	23%	23	35%
Chemistry and Chemical Biology	369	127	34%	42	33%
Civil and Environmental Engineering	360	127	35%	24	19%
Computer Science	664	81	12%	42	52%
Electrical and Computer Engineering	780	62	8%	23	37%
Geological Sciences	72	10	14%	6	60%
Materials Science and Engineering	270	31	11%	11	35%
Mathematics	233	25	11%	10	40%
Mechanical Engineering	394	31	8%	15	48%
Nuclear Science and Engineering	6	0	0%	0	n/a
Operations Research	172	16	9%	7	44%
Physics	463	98	21%	40	41%
Textiles	33	6	18%	6	100%
Theoretical and Applied Mechanics	59	7	12%	3	43%
Physical Sciences Total	4782	806	17%	309	38%
Social Sciences					
Applied Economics and Management	144	81	56%	25	31%
Anthropology	85	7	8%	3	43%
Archaeology	14	3	21%	1	***
Asian Studies	61	30	49%	9	30%
City and Regional Planning	80	21	26%	9	43%
Communication	147	17	12%	6	35%
Design and Environmental Analysis	50	31	62%	18	58%

continued next page

Table A-5. Application, Admission, and Matriculation for Research Degree Programs (M.A., M.S., and Ph.D.) by Field*, Fall Term 2003

Fall 2003	Applied**	Admitted	Admitted/Applied	Matriculated	Matric./Admitted
Social Sciences Continued					
Development Sociology	53	11	21%	7	64%
Economics	639	130	20%	35	27%
Education	81	8	10%	4	50%
Government	294	29	10%	15	52%
Hotel Administration	25	2	8%	1	***
Human Development	76	12	16%	3	25%
Industrial and Labor Relations	66	11	17%	8	73%
Linguistics	76	12	16%	4	33%
Management	489	8	2%	8	100%
Policy Analysis and Management	32	10	31%	3	30%
Regional Science	11	8	73%	1	13%
Sociology	150	22	15%	14	64%
Statistics	112	16	14%	6	38%
Social Sciences Total	2685	469	17%	180	38%
Graduate School Total					
	10518	1772	17%	741	42%

NOTE: Applications refused by both the first and second choice fields are counted in the first field only. Applications refused by a first choice field, but accepted by a second choice, are counted in the second field only. The net result is that no application is counted twice; however, the number of applications per field as shown in this chart might be slightly smaller than the number of applications actually reviewed by the field.

*Includes only fields that have research degree programs.

**The number of applications does not include Program Change applications of currently enrolled graduate students.

***Percentages not calculated in fields with fewer than five applications or admissions.

Table A-6. Application, Admission, and Matriculation
for Professional Degree Programs by Field*
Fall Term 2003

Fall 2003	Applied**	Admitted	Admitted/Applied	Matriculated	Matric./Admitted
Humanities					
Architecture	145	19	13%	6	32%
Art	154	4	3%	4	***
English Language and Literature	290	10	3%	8	80%
Music	50	5	10%	3	60%
Humanities Total	639	38	6%	21	55%
Biological Sciences					
Animal Science	1	1	***	0	***
Floriculture and Ornamental Horticulture	6	1	17%	1	***
Food Science and Technology	2	1	***	0	***
Natural Resources	10	5	50%	3	60%
Nutrition	0	0	n/a	0	n/a
Plant Breeding	0	0	n/a	0	n/a
Plant Pathology	0	0	n/a	0	n/a
Plant Protection	2	1	***	1	***
Pomology	0	0	n/a	0	n/a
Soil and Crop Sciences	2	2	***	0	***
Vegetable Crops	0	0	n/a	0	n/a
Biological Sciences Total	23	11	48%	5	45%
Physical Sciences					
Aerospace Engineering	34	29	85%	10	34%
Agricultural and Biological Engineering	27	21	78%	19	90%
Applied Physics	13	11	85%	6	55%
Chemical Engineering	28	27	96%	13	48%
Civil and Environmental Engineering	130	107	82%	40	37%
Computer Science	353	208	59%	96	46%
Electrical and Computer Engineering	230	185	80%	99	54%
Geological Sciences	2	1	***	1	***
Materials Science and Engineering	7	7	100%	5	71%
Mechanical Engineering	75	61	81%	32	52%
Nuclear Science and Engineering	0	0	n/a	0	n/a
Operations Research	320	182	57%	59	32%
Systems Engineering	30	18	60%	12	67%
Textiles	0	0	n/a	0	n/a
Theoretical and Applied Mechanics	0	0	n/a	0	n/a
Physical Sciences Total	1249	857	69%	392	46%

Table A-6. Application, Admission, and Matriculation
for Professional Degree Programs by Field*
Fall Term 2003

Fall 2003	Applied**	Admitted	Admitted/Applied	Matriculated	Matric./Admitted
Social Sciences					
African and African-American Studies	37	9	24%	6	67%
Applied Economics and Management	13	10	77%	3	30%
City and Regional Planning	161	110	68%	37	34%
Communication	2	0	***	0	n/a
Community and Rural Development	10	7	70%	3	43%
Development Sociology	1	0	***	0	n/a
Education	44	34	77%	20	59%
Hotel Administration	126	62	49%	39	63%
Industrial and Labor Relations	177	89	50%	52	58%
International Agriculture and Rural Development	18	14	78%	8	57%
International Development	35	19	54%	8	42%
Landscape Architecture	106	38	36%	18	47%
Law	969	232	24%	64	28%
Policy Analysis and Management	43	26	60%	13	50%
Public Affairs	138	89	64%	34	38%
Real Estate	92	35	38%	17	49%
Statistics	58	36	62%	17	47%
Social Sciences Total	2030	810	40%	339	42%
Graduate School Total	3941	1716	44%	757	44%

NOTE: Applications refused by both the first and second choice fields are counted in the first field only. Applications refused by a first choice field, but accepted by a second choice, are counted in the second field only. The net result is that no application is counted twice; however, the number of applications per field as shown in this chart might be slightly smaller than the number of applications actually reviewed by the field.

The number of applications does not include Program Change applications of currently enrolled graduate students.

*Table contains data for professional master's degrees, except fields of Law and Music, which also include professional doctorates. Includes only fields that have professional degree programs.

**Percentages not calculated in fields with fewer than five applications or admissions.

Table E-1. Enrollment* by Area and Degree, Fall Terms, 1994-2003

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Humanities										
Doctoral	457	433	412	393	387	371	383	407	402	418
M.A./M.S.	15	9	9	11	9	5	5	8	9	9
Prof. Master's	60	57	55	49	52	54	47	55	56	45
Nondegree	4	4	5	6	8	9	7	10	8	6
Total	536	503	481	459	456	439	442	480	475	478
Biological Sciences										
Doctoral	841	815	788	762	753	764	746	792	818	851
M.A./M.S.	147	136	129	111	123	121	122	118	106	87
Prof. Master's	14	12	15	8	14	16	16	26	21	14
Nondegree	6	9	4	4	6	8	11	11	1	1
Total	1008	972	936	885	896	909	895	947	946	953
Physical Sciences										
Doctoral	1091	1025	1006	924	985	1018	1008	1069	1165	1274
M.A./M.S.	70	72	66	44	57	67	67	66	61	58
Prof. Master's, M.Eng.	392	419	359	323	326	332	362	430	477	466
Prof. Master's, other	1	2	3	3	4	1	3	4	3	6
Nondegree	5	14	15	5	12	13	11	10	20	5
Total	1559	1532	1449	1299	1384	1431	1451	1579	1726	1809
Social Sciences										
Doctoral	635	651	613	617	587	604	603	599	624	662
M.A./M.S.	157	145	145	136	157	124	95	96	115	116
Prof. Master's	506	499	525	495	483	554	579	627	614	646
Nondegree	45	41	42	44	44	55	32	35	35	38
Total	1343	1336	1325	1292	1271	1337	1309	1357	1388	1462
Summary										
Doctoral	3024	2924	2819	2696	2712	2757	2740	2867	3009	3205
M.A./M.S.	389	362	349	302	346	317	289	288	291	270
Prof. Master's	973	989	957	878	879	957	1007	1142	1171	1177
Nondegree	60	68	66	59	70	85	61	66	64	50
Grand Total	4446	4343	4191	3935	4007	4116	4097	4363	4535	4702
In absentia	194	218	216	209	212	200	180	238	248	301

*Students studying in absentia are included in all figures.

Table E-2. Entering Student Enrollment by Area and by Degree Program, Fall Terms, 1994-2003

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Humanities										
Doctoral	76	70	66	69	74	72	72	66	72	75
M.A./M.S.	7	3	6	5	5	4	1	4	6	2
Prof. Master's	38	25	25	24	27	28	24	31	26	18
Nondegree	4	4	5	6	7	7	7	9	8	5
Total	125	102	102	104	113	111	104	110	112	100
Biological Sciences										
Doctoral	143	123	130	127	129	140	135	158	157	148
M.A./M.S.	54	46	45	38	45	47	41	36	33	30
Prof. Master's	8	6	6	5	8	9	11	15	8	5
Nondegree	2	5	3	4	6	7	9	8	1	1
Total	207	180	184	174	188	203	196	217	199	184
Physical Sciences										
Doctoral	186	187	201	162	263	235	215	253	241	287
M.A./M.S.	35	30	21	16	24	30	20	26	24	22
Prof. Mstr., M.Eng.	318	330	249	242	234	281	300	363	389	389
Prof. Mstr., other	0	1	2	2	2	0	2	4	1	3
Nondegree	3	8	13	5	9	10	9	9	16	4
Total	542	556	486	427	532	556	546	655	671	705
Social Sciences										
Doctoral	123	116	105	105	105	131	113	90	110	127
M.A./M.S.	62	59	72	61	70	52	43	54	60	55
Prof. Master's	254	277	290	254	291	306	318	316	339	337
Nondegree	38	37	37	39	36	50	31	32	32	35
Total	477	489	504	459	502	539	505	492	541	554
Summary										
Doctoral	528	496	502	463	571	578	535	567	580	637
M.A./M.S.	158	138	144	120	144	133	105	120	123	109
Prof. Master's	618	639	572	527	562	624	655	729	763	752
Nondegree	47	54	58	54	58	74	56	58	57	45
Grand Total	1351	1327	1276	1164	1335	1409	1351	1474	1523	1543

Table E-2A. Entering Student Enrollment by Citizenship and Gender,
Fall Terms, 1994-2003

U.S. Citizens and Permanent Residents											Proportion of Total Entering Enrollment	
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	1994	2003
Male	454	464	428	382	406	464	413	499	535	579	34%	38%
Female	355	312	313	290	295	322	295	316	387	357	26%	23%
Total	809	776	741	672	701	786	708	815	922	936	60%	61%

Foreign Citizens											Proportion of Total Entering Enrollment	
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	1994	2003
Male	376	380	354	323	434	403	396	432	385	392	28%	25%
Female	166	171	181	169	200	220	247	227	216	215	12%	14%
Total	542	551	535	492	634	623	643	659	601	607	40%	39%

GRAND TOTAL	1351	1327	1276	1164	1335	1409	1351	1474	1523	1543
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Table E-3. Enrollment by Specific Degree Program, Fall Terms, 1994-2003

Degree Program	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Doctor of Musical Arts	13	10	9	9	11	12	12	14	13	15
Doctor of Philosophy	3009	2913	2810	2687	2699	2743	2725	2849	2986	3180
Doctor of Science of Laws	2	1	0	0	2	2	3	4	10	10
Master of Architecture	34	38	28	22	24	27	23	29	28	17
Master of Arts and Master of Science	389	362	349	302	346	317	289	288	291	270
Master of Arts in Teaching	21	25	24	29	21	24	32	38	35	35
Master of Engineering (Aerospace)	2	6	7	4	2	2	4	4	9	10
Master of Engineering (Agriculture)	8	10	4	8	9	9	11	16	18	17
Master of Engineering (Chemical)	16	16	14	12	15	15	13	17	17	16
Master of Engineering (Civil)	77	72	59	57	63	43	64	64	56	41
Master of Engineering (Computer Science)	36	74	54	52	60	57	77	89	90	118
Master of Engineering (Electrical)	147	130	91	72	77	91	82	101	106	111
Master of Engineering (Engineering Mechanics)	2	0	0	0	2	2	1	0	4	0
Master of Engineering (Engineering Physics)	5	12	6	11	10	11	8	7	11	6
Master of Engineering (Geological)	1	1	1	1	1	2	0	0	2	1
Master of Engineering (Industrial)	35	45	64	69	58	63	78	72	82	70
Master of Engineering (Materials Science)	2	4	3	5	1	5	1	1	3	5
Master of Engineering (Mechanical)	60	46	56	31	28	32	23	41	45	37
Master of Engineering (Nuclear)	1	3	0	1	0	0	0	0	0	0
Master of Engineering (Systems)	n/a	n/a	n/a	n/a	n/a	n/a	n/a	18	34	34

Table E-3. Enrollment by Specific Degree Program, Fall Terms, 1994-2003

Degree Program	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Master of Fine Arts (Art)	10	11	11	11	12	12	11	11	12	11
Master of Fine Arts (Creative Writing)	16	8	16	16	16	15	13	15	16	17
Master of Food Science	1	0	0	0	1	1	0	1	0	0
Master of Health Administration	39	32	35	30	31	28	30	30	27	22
Master of Management in Hospitality (formerly M.P.S., Hotel Ad.)	106	101	113	111	105	97	108	105	108	94
Master of Industrial & Labor Relations	52	61	72	53	50	78	93	91	92	104
Master of Landscape Architecture	47	45	35	29	34	48	50	52	50	54
Master of Laws	46	45	43	54	49	76	49	59	49	65
Master of Nutritional Science	0	0	0	0	0	0	0	0	0	0
Master of Professional Studies (African, African-American)	14	16	13	16	15	15	13	15	15	12
Master of Professional Studies (Agr. & Life Sci.)	47	36	36	28	40	43	42	49	32	37
Master of Professional Studies (Communication)	21	16	17	16	3	0	0	0	0	0
Master of Professional Studies (Community & Rural Dev.)	n/a	n/a	n/a	5	6	6	8	13	8	7
Master of Professional Studies (Human Ecology)	3	5	8	2	0	0	4	2	2	5
Master of Professional Studies (Industrial & Labor Relations)	4	3	8	7	6	8	11	16	17	23
Master of Professional Studies (International Development)	18	23	28	20	14	15	18	24	17	17
Master of Professional Studies (Real Estate)	n/a	n/a	6	16	19	23	25	27	37	39
Master of Professional Studies (Applied Statistics)	n/a	n/a	n/a	n/a	n/a	n/a	7	13	19	19
Master of Public Administration	40	56	55	43	54	54	51	60	76	70
Master of Regional Planning	62	49	50	46	52	55	57	62	54	63
Nondegree Students	60	68	66	59	70	85	61	66	64	50
Total	4446	4343	4191	3935	4007	4116	4097	4363	4535	4702

Table E-4. Total Enrollment by Degree, Citizenship, and Gender,
Fall Terms, 1994 and 2003

Degree and Year	Total N	Citizenship				Gender				U.S. Citizens & Per. Res.				Foreign			
		U.S.		Foreign		Female		Male		Female		Male		Female		Male	
		n	% of Total	n	% of Total	n	% of Total	n	% of Total	n	% of Total	n	% of Total	n	% of Total	n	% of Total
Doctoral																	
1994	3024	1951	65%	1073	35%	1167	39%	1857	61%	819	27%	1132	37%	348	12%	725	24%
2003	3205	1778	55%	1427	45%	1317	41%	1888	59%	772	24%	1006	31%	545	17%	882	28%
M.A./M.S.																	
1994	389	231	59%	158	41%	186	48%	203	52%	110	28%	121	31%	76	20%	82	21%
2003	270	186	69%	84	31%	146	54%	124	46%	105	39%	81	30%	41	15%	43	16%
Prof. Mstr.																	
1994	973	613	63%	360	37%	365	38%	608	62%	277	28%	336	35%	88	9%	272	28%
2003	1177	750	64%	427	36%	465	40%	712	60%	309	26%	441	37%	156	13%	271	23%
Nondegree																	
1994	60	17	28%	43	72%	17	28%	43	72%	4	7%	13	22%	13	22%	30	50%
2003	50	20	40%	30	60%	15	30%	35	70%	4	8%	16	32%	11	22%	19	38%
Total																	
1994	4446	2812	63%	1634	37%	1735	39%	2711	61%	1210	27%	1602	36%	525	12%	1109	25%
2003	4702	2734	58%	1968	42%	1943	41%	2759	59%	1190	25%	1544	33%	753	16%	1215	26%

Table E-4A. Change in Enrollment by Citizenship and Gender 1994-2003

	Year		Percent Change
	1994	2003	
Total Enrollment	4446	4702	5%
US Citizens	2812	2734	-3%
Foreign Citizens	1634	1968	17%
Female	1735	1943	11%
Male	2711	2759	2%
US Female	1210	1190	-2%
US Male	1602	1544	-4%
Foreign Female	525	753	30%
Foreign Male	1109	1215	9%

Table E-5. Total Enrollment by Area, Citizenship, and Gender,
Fall Terms, 1994 and 2003

Area and Year	Total N	Citizenship				Gender				U.S. Citizens & Per. Res.				Foreign			
		U. S.		Foreign		Female		Male		Female		Male		Female		Male	
		n	% of Total	n	% of Total	n	% of Total	n	% of Total	n	% of Total	n	% of Total	n	% of Total	n	% of Total
Humanities																	
1994	536	419	78%	117	22%	279	52%	257	48%	219	41%	200	37%	60	11%	57	11%
2003	478	333	70%	145	30%	241	50%	237	50%	173	36%	160	33%	68	14%	77	16%
Biological Sciences																	
1994	1008	590	59%	418	41%	469	47%	539	53%	295	29%	295	29%	174	17%	244	24%
2003	953	588	62%	365	38%	514	54%	439	46%	332	35%	256	27%	182	19%	183	19%
Physical Sciences																	
1994	1559	935	60%	624	40%	311	20%	1248	80%	207	13%	728	47%	104	7%	520	33%
2003	1809	993	55%	816	45%	433	24%	1376	76%	238	13%	755	42%	195	11%	621	34%
Social Sciences																	
1994	1343	868	65%	475	35%	676	50%	667	50%	489	36%	379	28%	187	14%	288	21%
2003	1462	820	56%	642	44%	755	52%	707	48%	447	31%	373	26%	308	21%	334	23%
Total																	
1994	4446	2812	63%	1634	37%	1735	39%	2711	61%	1210	27%	1602	36%	525	12%	1109	25%
2003	4702	2734	58%	1968	42%	1943	41%	2759	59%	1190	25%	1544	33%	753	16%	1215	26%

Table E-6. Doctoral Enrollment by Area, Citizenship, and Gender, Selected Fall Terms, 1978-2003

Area Year	Total N	Citizenship				Gender				U.S. Cit. & Per. Res.				Foreign			
		U. S.		Foreign		Female		Male		Female		Male		Female		Male	
		n	% of Total	n	% of Total	n	% of Total	n	% of Total	n	% of Total	n	% of Total	n	% of Total	n	% of Total
Humanities																	
2003	418	290	69%	128	31%	211	50%	207	50%	148	35%	142	34%	63	15%	65	16%
2002	402	292	73%	110	27%	212	53%	190	47%	149	37%	143	36%	63	16%	47	12%
2001	407	293	72%	114	28%	208	51%	199	49%	145	36%	148	36%	63	15%	51	13%
2000	383	280	73%	103	27%	193	50%	190	50%	134	35%	146	38%	59	15%	44	11%
1999	371	291	78%	80	22%	198	53%	173	47%	153	41%	138	37%	45	12%	35	9%
1995	433	351	81%	82	19%	236	55%	197	45%	187	43%	164	38%	49	11%	33	8%
1988	425	340	80%	85	20%	224	53%	201	47%	183	43%	157	37%	41	10%	44	10%
1983	303	251	83%	52	17%	159	52%	144	48%	132	44%	119	39%	27	9%	25	8%
1978	303	274	90%	29	10%	149	49%	154	51%	132	44%	142	47%	17	6%	12	4%
Biological Sciences																	
2003	851	521	61%	330	39%	454	53%	397	47%	289	34%	232	27%	165	19%	165	19%
2002	818	479	59%	339	41%	425	52%	393	48%	255	31%	224	27%	170	21%	169	21%
2001	792	460	58%	332	42%	413	52%	379	48%	242	31%	218	28%	171	22%	161	20%
2000	746	462	62%	284	38%	389	52%	357	48%	243	33%	219	29%	146	20%	138	18%
1999	764	473	62%	291	38%	387	51%	377	49%	247	32%	226	30%	140	18%	151	20%
1995	815	491	60%	324	40%	377	46%	438	54%	238	29%	253	31%	139	17%	185	23%
1988	817	534	65%	283	35%	342	42%	475	58%	246	30%	288	35%	96	12%	187	23%
1983	734	570	78%	164	22%	293	40%	441	60%	245	33%	325	44%	48	7%	116	16%
1978	660	536	81%	124	19%	214	32%	446	68%	188	28%	348	53%	26	4%	98	15%

Table E-6. Doctoral Enrollment by Area, Citizenship, and Gender, Selected Fall Terms, 1978-2003

Area Year	Total N	Citizenship				Gender				U.S. Cit. & Per. Res.				Foreign			
		U. S.		Foreign		Female		Male		Female		Male		Female		Male	
		n	% of Total	n	% of Total	n	% of Total	n	% of Total	n	% of Total	n	% of Total	n	% of Total	n	% of Total
Physical Sciences																	
2003	1274	636	50%	638	50%	314	25%	960	75%	158	12%	478	38%	156	12%	482	38%
2002	1165	569	49%	596	51%	276	24%	889	76%	143	12%	426	37%	133	11%	463	40%
2001	1069	507	47%	562	53%	243	23%	826	77%	122	11%	385	36%	121	11%	441	41%
2000	1008	484	48%	524	52%	241	24%	767	76%	124	12%	360	36%	117	12%	407	40%
1999	1018	507	50%	511	50%	245	24%	773	76%	138	14%	369	36%	107	11%	404	40%
1995	1025	633	62%	392	38%	214	21%	811	79%	148	14%	485	47%	66	6%	326	32%
1988	1298	826	64%	472	36%	218	17%	1080	83%	157	12%	669	52%	61	5%	411	32%
1983	1076	740	69%	336	31%	142	13%	934	87%	113	11%	627	58%	29	3%	307	29%
1978	792	553	70%	239	30%	72	9%	720	91%	52	7%	501	63%	20	3%	219	28%
Social Sciences																	
2003	662	331	50%	331	50%	338	51%	324	49%	177	27%	154	23%	161	24%	170	26%
2002	624	298	48%	326	52%	322	52%	302	48%	166	27%	132	21%	156	25%	170	27%
2001	599	288	48%	311	52%	299	50%	300	50%	156	26%	132	22%	143	24%	168	28%
2000	603	309	51%	294	49%	304	50%	299	50%	170	28%	139	23%	134	22%	160	27%
1999	604	315	52%	289	48%	301	50%	303	50%	172	28%	143	24%	129	21%	160	26%
1995	651	401	62%	250	38%	311	48%	340	52%	212	33%	189	29%	99	15%	151	23%
1988	582	344	59%	238	41%	275	47%	307	53%	187	32%	157	27%	88	15%	150	26%
1983	517	370	72%	147	28%	207	40%	310	60%	166	32%	204	39%	41	8%	106	21%
1978	506	378	75%	128	25%	192	38%	314	62%	159	31%	219	43%	33	7%	95	19%

Table E-6. Doctoral Enrollment by Area, Citizenship, and Gender, Selected Fall Terms, 1978-2003

Summary	Total N	Citizenship				Gender				U.S. Cit. & Per. Res.				Foreign			
		U. S.		Foreign		Female		Male		Female		Male		Female		Male	
		n	% of Total	n	% of Total	n	% of Total	n	% of Total	n	% of Total	n	% of Total	n	% of Total	n	% of Total
2003	3205	1778	55%	1427	45%	1317	41%	1888	59%	772	24%	1006	31%	545	17%	882	28%
2002	3009	1638	54%	1371	46%	1235	41%	1774	59%	713	24%	925	31%	522	17%	849	28%
2001	2867	1548	54%	1319	46%	1163	41%	1704	59%	665	23%	883	31%	498	17%	821	29%
2000	2740	1535	56%	1205	44%	1127	41%	1613	59%	671	24%	864	32%	456	17%	749	27%
1999	2757	1586	58%	1171	42%	1131	41%	1626	59%	710	26%	876	32%	421	15%	750	27%
1995	2924	1876	64%	1048	36%	1138	39%	1786	61%	785	27%	1091	37%	353	12%	695	24%
1988	3122	2044	65%	1078	35%	1059	34%	2063	66%	773	25%	1271	41%	286	9%	792	25%
1983	2630	1931	73%	699	27%	801	30%	1829	70%	656	25%	1275	48%	145	6%	554	21%
1978	2261	1741	77%	520	23%	627	28%	1634	72%	531	23%	1210	54%	96	4%	424	19%

Table E-7. Ethnic Enrollment by Degree Program, Fall Terms, 1999 - 2003

	1999			2000			2001			2002			2003		
	Doctoral	Master's	Total*	Doctoral	Master's	Total*	Doctoral	Master's	Total*	Doctoral	Master's	Total*	Doctoral	Master's	Total*
African American	58	51	110	55	63	118	57	53	111	59	50	109	65	46	112
Native American	17	3	20	16	4	20	16	5	21	17	9	26	18	10	28
Puerto Rican	24	16	40	26	12	38	21	12	33	25	10	35	30	13	43
Mexican American	35	7	42	38	9	47	36	12	48	33	10	43	38	14	52
Other Hispanic	32	16	49	34	19	54	39	23	62	45	24	69	48	29	77
Asian American	133	123	256	129	123	253	131	152	285	144	180	326	168	170	340
Caucasian (and undeclared)	1287	527	1837	1237	517	1765	1248	602	1860	1315	674	1999	1411	654	2082
Foreign	1171	531	1762	1205	549	1802	1319	571	1943	1371	505	1928	1427	511	1968
Grand Total	2757	1274	4116	2740	1296	4097	2867	1430	4363	3009	1462	4535	3205	1447	4702
Underrepresented Minority**	166	93	261	169	107	277	169	105	275	179	103	282	199	112	312
All Minority***	299	216	517	298	230	530	300	257	560	323	283	608	367	282	652
Underrep. Min./All Grad.	6%	7%	6%	6%	8%	7%	6%	7%	6%	6%	7%	6%	6%	8%	7%
All Min./ All Grad.	11%	17%	13%	11%	18%	13%	10%	18%	13%	11%	19%	13%	11%	19%	14%

*Includes nondegree students

**'Underrepresented minority' student category includes African Americans, Native Americans, Puerto Ricans, Mexican Americans, and Other Hispanics.

***'All minority' student category includes 'targeted minority' and Asian Americans.

Table E-8. Enrollment by Area, Ethnicity, and Degree Program, Fall Term, 2003

Master's*										Minority Students***			
Area	African American n	Native American n	Puerto Rican n	Mexican American n	Other Hispanic n	Asian American n	Caucasian** n	Foreign n	Total N	All		Underrepresented	
										n	%	n	%
Humanities	1	2	1	0	4	4	30	12	54	12	22.2%	8	14.8%
Biological Sciences	0	1	1	0	2	6	57	34	101	10	9.9%	4	4.0%
Physical Sciences	9	3	4	5	5	107	224	173	530	133	25.1%	26	4.9%
Social Sciences	36	4	7	9	18	53	343	292	762	127	16.7%	74	9.7%
Total	46	10	13	14	29	170	654	511	1447	282	19.5%	112	7.7%

Doctoral*										Minority Students***			
Area	African American n	Native American n	Puerto Rican n	Mexican American n	Other Hispanic n	Asian American n	Caucasian** n	Foreign n	Total N	All		Underrepresented	
										n	%	n	%
Humanities	18	7	4	8	9	23	221	128	418	69	16.5%	46	11.0%
Biological Sciences	14	5	8	13	17	46	418	330	851	103	12.1%	57	6.7%
Physical Sciences	13	1	13	10	12	61	526	638	1274	110	8.6%	49	3.8%
Social Sciences	20	5	5	7	10	38	246	331	662	85	12.8%	47	7.1%
Total	65	18	30	38	48	168	1411	1427	3205	367	11.5%	199	6.2%

	African American n	Native American n	Puerto Rican n	Mexican American n	Other Hispanic n	Asian American n	Caucasian** n	Foreign n	Total N	Minority Students***			
										All n	All %	Underrepresented n	Underrepresented %
Grand Total****	112	28	43	52	77	340	2082	1968	4702	652	13.9%	312	6.6%

*Includes professional degrees

** Includes undeclared

***Underrepresented minority students include African Americans, Native Americans, Puerto Ricans, Mexican Americans, and Other Hispanics.

All minority students include the five groups mentioned above plus Asian Americans.

****Includes nondegree students

Table E-9. Ethnic Enrollment by Degree Program
and by Entering and Continuing Students
Fall Term, 2003

Fall 2003	Doctoral	Master's	Total*	% of Total
African American				
Entering	12	25	38	
Continuing	53	21	74	
Total	65	46	112	2.38%
Native American				
Entering	2	3	5	
Continuing	16	7	23	
Total	18	10	28	0.60%
Puerto Rican				
Entering	9	7	16	
Continuing	21	6	27	
Total	30	13	43	0.91%
Mexican American				
Entering	11	10	21	
Continuing	27	4	31	
Total	38	14	52	1.11%
Other Hispanic				
Entering	8	16	24	
Continuing	40	13	53	
Total	48	29	77	1.64%
Asian American				
Entering	40	123	163	
Continuing	128	47	177	
Total	168	170	340	7.23%
Caucasian (and undeclared)				
Entering	290	364	669	
Continuing	1121	290	1413	
Total	1411	654	2082	44.28%
Foreign				
Entering	265	313	607	
Continuing	1162	198	1361	
Total	1427	511	1968	41.85%
Total Entering	637	861	1543	
Grand Total	3205	1447	4702	100%
Entering Underrepresented Minority**	42	61	104	
Continuing Underrepresented Minority	157	51	208	
Total Underrepresented Minority	199	112	312	6.64%
All Minority***	367	282	652	13.87%

* Includes nondegree students

**'Underrepresented minority student' category is composed of African Americans, Native Americans, Puerto Ricans, Mexican Americans, and Other Hispanics.

***'All minority student' category is composed of 'underrepresented minority' plus Asian Americans

Table E-10. Financial Support of Graduate Students
by Area and by Degree Program, Fall Term, 2003

	Doctoral*		M.A./M.S.*		Prof. Master's*		Total**	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All Areas								
TA & GA	982	33%	73	29%	95	8%	1163	25%
RA & GRA	1047	36%	66	26%	12	1%	1155	25%
CU Fellow	580	20%	26	10%	63	5%	726	15%
Other Fellow	241	8%	16	6%	76	7%	366	8%
Self/Unknown	87	3%	75	29%	912	79%	1292	27%
Total	2937	100%	256	100%	1158	100%	4702	100%
Humanities								
TA & GA	187	53%	4	44%	40	89%	233	49%
RA & GRA	1	0%	4	44%	0	0%	5	1%
CU Fellow	156	44%	1	11%	5	11%	191	40%
Other Fellow	10	3%	0	0%	0	0%	13	3%
Self/Unknown	2	1%	0	0%	0	0%	36	8%
Total	356	100%	9	100%	45	100%	478	100%
Biological Sciences								
TA & GA	177	22%	26	32%	2	15%	209	22%
RA & GRA	360	45%	36	44%	3	23%	416	44%
CU Fellow	129	16%	6	7%	1	8%	142	15%
Other Fellow	108	13%	5	6%	0	0%	117	12%
Self/Unknown	27	3%	8	10%	7	54%	69	7%
Total	801	100%	81	100%	13	100%	953	100%
Physical Sciences								
TA & GA	381	31%	17	31%	3	1%	404	22%
RA & GRA	564	46%	18	33%	1	0%	592	33%
CU Fellow	165	14%	8	15%	9	2%	188	10%
Other Fellow	91	7%	2	4%	50	11%	146	8%
Self/Unknown	17	1%	10	18%	406	87%	479	26%
Total	1218	100%	55	100%	469	100%	1809	100%
Social Sciences								
TA & GA	237	42%	26	23%	50	8%	317	22%
RA & GRA	122	22%	8	7%	8	1%	142	10%
CU Fellow	130	23%	11	10%	48	8%	205	14%
Other Fellow	32	6%	9	8%	26	4%	90	6%
Self/Unknown	41	7%	57	51%	499	79%	708	48%
Total	562	100%	111	100%	631	100%	1462	100%

*Students studying in absentia are not included (n=301).

**All students, including nondegree (n=50) and in absentia (n=301).

Table E-11. Financial Support of Doctoral Degree Students by Area, 1996 and 2003*

	Doctoral Students				% Change 1996-2003
	1996		2003		
	Number	Percent	Number	Percent	
All Areas					
TA & GA	848	32%	982	33%	16%
RA & GRA	850	32%	1047	36%	23%
CU Fellow	325	12%	580	20%	78%
Other Fellow	423	16%	241	8%	-43%
Self/Unknown	181	7%	87	3%	-52%
Total	2627	100%	2937	100%	12%
Humanities					
TA & GA	186	53%	187	53%	1%
RA & GRA	1	0%	1	0%	0%
CU Fellow	120	34%	156	44%	30%
Other Fellow	37	11%	10	3%	-73%
Self/Unknown	6	2%	2	1%	-67%
Total	350	100%	356	100%	2%
Biological Sciences					
TA & GA	152	20%	177	22%	16%
RA & GRA	291	39%	360	45%	24%
CU Fellow	63	8%	129	16%	105%
Other Fellow	173	23%	108	13%	-38%
Self/Unknown	74	10%	27	3%	-64%
Total	753	100%	801	100%	6%
Physical Sciences					
TA & GA	297	30%	381	31%	28%
RA & GRA	462	47%	564	46%	22%
CU Fellow	41	4%	165	14%	302%
Other Fellow	145	15%	91	7%	-37%
Self/Unknown	48	5%	17	1%	-65%
Total	993	100%	1218	100%	23%
Social Sciences					
TA & GA	213	40%	237	42%	11%
RA & GRA	96	18%	122	22%	27%
CU Fellow	101	19%	130	23%	29%
Other Fellow	68	13%	32	6%	-53%
Self/Unknown	53	10%	41	7%	-23%
Total	531	100%	562	100%	6%

*Doctoral students studying in absentia are not included in this table (1996, n=192; 2003, n=268).

Table E-12. Financial Support of Graduate Students
by College and by Degree Program, Fall 2003

	Doctoral*		M.A./M.S.*		Prof. Master's*		Total**	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Arch., Art, and Plan.								
TA & GA	14	47%	4	20%	37	25%	55	25%
RA & GRA	2	7%	3	15%	0	0%	5	2%
CU Fellow	8	27%	0	0%	12	8%	23	11%
Other Fellow	3	10%	0	0%	6	4%	12	6%
Self/Unkn	3	10%	13	65%	93	63%	123	56%
Total	30	100%	20	100%	148	100%	218	100%
Arts and Sciences								
TA & GA	526	45%	4	20%	19	26%	554	39%
RA & GRA	218	19%	1	5%	6	8%	228	16%
CU Fellow	313	27%	5	25%	8	11%	372	26%
Other Fellow	96	8%	2	10%	3	4%	114	8%
Self/Unkn	10	1%	8	40%	36	50%	158	11%
Total	1163	100%	20	100%	72	100%	1426	100%
Engineering								
TA & GA	194	26%	9	31%	3	1%	207	17%
RA & GRA	376	51%	7	24%	1	0%	388	31%
CU Fellow	102	14%	4	14%	9	2%	115	9%
Other Fellow	52	7%	1	3%	50	11%	104	8%
Self/Unkn	16	2%	8	28%	384	86%	429	35%
Total	740	100%	29	100%	447	100%	1243	100%
Hotel Administration								
TA & GA	9	100%	0	0%	1	1%	10	9%
RA & GRA	0	0%	0	0%	0	0%	0	0%
CU Fellow	0	0%	0	0%	2	2%	2	2%
Other Fellow	0	0%	0	0%	2	2%	2	2%
Self/Unkn	0	0%	0	0%	89	95%	92	87%
Total	9	100%	0	0%	94	100%	106	100%
Law								
TA & GA	0	0%	0	0%	0	0%	0	0%
RA & GRA	0	0%	1	100%	0	0%	1	1%
CU Fellow	5	56%	0	0%	8	12%	13	17%
Other Fellow	2	22%	0	0%	3	5%	6	8%
Self/Unkn	2	22%	0	0%	54	83%	58	74%
Total	9	100%	1	100%	65	100%	78	100%
Management								
TA & GA	6	14%	-	-	-	-	6	13%
RA & GRA	29	67%	-	-	-	-	29	64%
CU Fellow	7	16%	-	-	-	-	7	16%
Other Fellow	1	2%	-	-	-	-	1	2%
Self/Unkn	0	0%	-	-	-	-	2	4%
Total	43	100%	-	-	-	-	45	100%

- degree not offered

*Students studying in absentia are not included (n=301).

**All students, including nondegree (n=50) and in absentia (n=301).

Table E-12. Financial Support of Graduate Students
by College and by Degree Program, Fall 2003

	Doctoral*		M.A./M.S.*		Prof. Master's*		Total**	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Agric. and Life Sci.								
TA & GA	161	24%	35	25%	18	12%	221	21%
RA & GRA	315	48%	51	36%	3	2%	390	37%
CU Fellow	89	13%	12	9%	9	6%	116	11%
Other Fellow	62	9%	11	8%	8	5%	95	9%
Self/Unkn	33	5%	32	23%	117	75%	234	22%
Total	660	100%	141	100%	155	100%	1056	100%
Human Ecology								
TA & GA	43	36%	18	46%	7	22%	68	33%
RA & GRA	35	29%	2	5%	0	0%	38	19%
CU Fellow	27	23%	4	10%	3	9%	36	18%
Other Fellow	10	8%	2	5%	1	3%	14	7%
Self/Unkn	5	4%	13	33%	21	66%	49	24%
Total	120	100%	39	100%	32	100%	205	100%
Ind. & Labor Relations								
TA & GA	23	33%	2	50%	10	7%	35	15%
RA & GRA	24	34%	0	0%	2	1%	26	12%
CU Fellow	5	7%	1	25%	12	8%	18	8%
Other Fellow	1	1%	0	0%	3	2%	4	2%
Self/Unkn	17	24%	1	25%	118	81%	143	63%
Total	70	100%	4	100%	145	100%	226	100%
Veterinary Medicine								
TA & GA	6	6%	1	50%	-	-	7	7%
RA & GRA	48	52%	1	50%	-	-	50	51%
CU Fellow	24	26%	0	0%	-	-	24	24%
Other Fellow	14	15%	0	0%	-	-	14	14%
Self/Unkn	1	1%	0	0%	-	-	4	4%
Total	93	100%	2	100%	-	-	99	100%
All Areas								
TA & GA	982	33%	73	29%	95	8%	1163	25%
RA & GRA	1047	36%	66	26%	12	1%	1155	25%
CU Fellow	580	20%	26	10%	63	5%	726	15%
Other Fellow	241	8%	16	6%	76	7%	366	8%
Self/Unkn	87	3%	75	29%	912	79%	1292	27%
Total	2937	100%	256	100%	1158	100%	4702	100%

- degree not offered

*Students studying in absentia are not included (n=301).

**All students, including nondegree (n=50) and in absentia (n=301).

Table E-13. Enrollment In Field by Area and by Degree Program for New and Continuing Students, Fall Term, 2003

	Doctorates*		M.A./M.S.		Professional Master's		Nondegree Students		Total New	Grand Total (Includes New)
	New	Cont.	New	Cont.	New	Cont.	New	Cont.		
Summary										
Humanities	75	343	2	7	18	27	5	1	100	478
Biological Sciences	148	703	30	57	5	9	1	0	184	953
Physical Sciences	287	987	22	36	392	80	4	1	705	1809
Social Sciences	127	535	55	61	337	309	35	3	554	1462
Total	637	2568	109	161	752	425	45	5	1543	4702

Humanities										
Architecture	2	8	1	6	6	11	2	0	11	36
Art	0	0	0	0	4	7	0	0	4	11
Asian Religions	1	4	0	0	0	0	0	0	1	5
Classics	3	14	0	0	0	0	0	0	3	17
Comparative Literature	2	18	0	0	0	0	0	0	2	20
East Asian Literature	2	16	0	0	0	0	0	0	2	18
English Language and Literature	14	73	0	1	8	9	2	0	24	107
Germanic Studies	2	17	0	0	0	0	1	0	3	20
History	14	50	0	0	0	0	0	1	14	65
History of Art and Archaeology	3	14	0	0	0	0	0	0	3	17
Medieval Studies	2	11	0	0	0	0	0	0	2	13
Music	5	27	0	0	0	0	0	0	5	32
Near Eastern Studies	0	3	0	0	0	0	0	0	0	3
Philosophy	9	31	0	0	0	0	0	0	9	40
Romance Studies	11	29	0	0	0	0	0	0	11	40
Science and Technology Studies	4	18	1	0	0	0	0	0	5	23
Theatre Arts	1	10	0	0	0	0	0	0	1	11
Total	75	343	2	7	18	27	5	1	100	478

-degree not offered

*Includes professional doctorates

Table E-13. Enrollment In Field by Area and by Degree Program for New and Continuing Students, Fall Term, 2003

	Doctorates		M.A./M.S.		Professional Master's		Nondegree Students		Total	Grand Total
	New	Cont.	New	Cont.	New	Cont.	New	Cont.	New	(Includes New)
Biological Sciences										
Animal Breeding	1	2	0	0	0	0	0	0	1	3
Animal Science	3	26	2	7	0	0	0	0	5	38
Biochemistry, Molecular and Cell Biology	18	62	0	0	0	0	0	0	18	80
Biometry	1	10	0	0	0	0	0	0	1	11
Biophysics	1	9	0	0	0	0	0	0	1	10
Comparative Biomedical Sciences	6	27	0	0	0	0	0	0	6	33
Ecology and Evolutionary Biology	5	50	0	2	0	0	0	0	5	57
Entomology	1	28	1	4	0	0	0	0	2	34
Environmental Toxicology	1	11	1	1	0	0	0	0	2	14
Floriculture and Ornamental Horticulture	5	17	0	2	1	5	0	0	6	30
Food Science and Technology	6	50	9	16	0	0	0	0	15	81
Genetics and Development	10	41	0	0	0	0	0	0	10	51
Immunology	4	9	0	0	0	0	0	0	4	13
Microbiology	15	41	0	0	0	0	0	0	15	56
Natural Resources	10	39	5	12	3	4	0	0	18	73
Neurobiology and Behavior	7	33	0	0	0	0	0	0	7	40
Nutrition	10	51	2	1	0	0	1	0	13	65
Pharmacology	2	18	0	0	0	0	0	0	2	20
Physiology	2	10	0	2	0	0	0	0	2	14
Plant Biology	7	43	0	0	0	0	0	0	7	50
Plant Breeding	8	24	0	0	0	0	0	0	8	32
Plant Pathology	6	39	2	0	0	0	0	0	8	47
Plant Protection	0	0	0	0	1	0	0	0	1	1
Pomology	2	13	1	3	0	0	0	0	3	19
Psychology	9	19	0	0	0	0	0	0	9	28
Soil and Crop Sciences	8	23	6	7	0	0	0	0	14	44
Vegetable Crops	0	5	1	0	0	0	0	0	1	6
Zoology	0	3	0	0	0	0	0	0	0	3
Total	148	703	30	57	5	9	1	0	184	953

-degree not offered

Table E-13. Enrollment In Field by Area and by Degree Program for New and Continuing Students, Fall Term, 2003

	Doctorates*		M.A./M.S.		Professional Master's		Nondegree Students		Total	Grand Total
	New	Cont.	New	Cont.	New	Cont.	New	Cont.	New	(Includes New)
Physical Sciences										
Aerospace Engineering	4	11	1	0	10	0	0	0	15	26
Agricultural and Biological Engineering	6	20	5	11	19	4	0	0	30	65
Applied Mathematics	6	28	0	0	0	0	0	0	6	34
Applied Physics	21	58	0	0	6	0	0	0	27	85
Astronomy and Space Sciences	6	25	0	0	0	0	0	0	6	31
Atmospheric Science	1	6	1	1	0	0	0	0	2	9
Biomedical Engineering	6	9	0	0	0	0	0	0	6	15
Chemical Engineering	22	53	1	0	13	3	0	0	36	92
Chemistry and Chemical Biology	42	132	0	0	0	0	0	0	42	174
Civil and Environmental Engineering	13	42	11	8	40	1	0	0	64	115
Computer Science	42	86	0	0	96	22	0	0	138	246
Electrical and Computer Engineering	22	143	1	3	99	12	0	0	122	280
Geological Sciences	6	18	0	2	1	0	0	0	7	27
Materials Science and Engineering	11	29	0	0	5	0	0	0	16	45
Mathematics	10	66	0	0	0	0	2	1	12	79
Mechanical Engineering	15	35	0	4	32	5	0	0	47	91
Nuclear Science and Engineering	0	1	0	0	0	0	0	0	0	1
Operations Research	7	33	0	0	59	11	1	0	67	111
Physics	40	153	0	0	0	0	1	0	41	194
Systems Engineering	-	-	-	-	12	22	0	0	12	34
Textiles	4	7	2	5	0	0	0	0	6	18
Theoretical and Applied Mechanics	3	32	0	2	0	0	0	0	3	37
Total	287	987	22	36	392	80	4	1	705	1809

-degree not offered

*Includes professional doctorates

Table E-13. Enrollment In Field by Area and by Degree Program for New and Continuing Students, Fall Term, 2003

	Doctorates*		M.A./M.S.		Professional Master's		Nondegree Students		Total New	Grand Total (Includes New)
	New	Cont.	New	Cont.	New	Cont.	New	Cont.		
Social Sciences										
African and African-American Studies	0	0	0	0	6	6	0	0	6	12
Anthropology	3	46	0	0	0	0	0	0	3	49
Applied Economics and Management	9	30	16	12	3	1	0	0	28	71
Archaeology	0	0	1	4	0	0	0	0	1	5
Asian Studies	0	0	9	10	0	0	17	3	26	39
City and Regional Planning	3	27	6	8	37	26	0	0	46	107
Communication	2	14	4	8	0	0	0	0	6	28
Community and Rural Development	0	0	0	0	3	4	0	0	3	7
Design and Environmental Analysis	0	0	18	11	0	0	0	0	18	29
Development Sociology	7	33	0	0	0	0	0	0	7	40
Economics	35	97	0	0	0	0	2	0	37	134
Education	4	27	0	4	20	18	0	0	24	73
Government	15	59	0	0	0	0	2	0	17	76
Hotel Administration	1	8	0	0	39	55	3	0	43	106
Human Development	3	29	0	0	0	0	0	0	3	32
Industrial and Labor Relations	7	23	1	3	52	75	0	0	60	161
International Agriculture and Rural Development	0	0	0	0	8	2	8	0	16	18
International Development	0	0	0	0	8	9	0	0	8	17
Landscape Architecture	0	0	0	0	18	36	0	0	18	54
Law	2	8	0	0	62	3	0	0	64	75
Linguistics	4	31	0	0	0	0	1	0	5	36
Management	8	31	0	0	0	0	2	0	10	41
Policy Analysis and Management	3	17	0	0	13	14	0	0	16	47
Public Affairs	0	0	0	0	34	36	0	0	34	70
Real Estate	0	0	0	0	17	22	0	0	17	39
Regional Science	1	10	0	1	0	0	0	0	1	12
Sociology	14	33	0	0	0	0	0	0	14	47
Statistics	6	12	0	0	17	2	0	0	23	37
Total	127	535	55	61	337	309	35	3	554	1462

-degree not offered

*Includes professional doctorates

Table E-14. Enrollment by Area and by Field, Fall Terms, 1994-2003

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Summary										
Humanities	536	503	481	459	456	439	442	480	475	478
Biological Sciences	1008	972	936	885	896	909	895	947	946	953
Physical Sciences	1559	1532	1449	1299	1384	1431	1451	1579	1726	1809
Social Sciences	1343	1336	1325	1292	1271	1337	1309	1357	1388	1462
Total	4446	4343	4191	3935	4007	4116	4097	4363	4535	4702

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Humanities										
Architecture	55	52	47	41	39	40	37	42	46	36
Art	10	11	11	11	12	12	11	11	12	11
Asian Religions	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	3	5
Classics	19	16	14	13	15	15	21	21	15	17
Comparative Literature	24	23	23	21	21	17	19	22	24	20
East Asian Literature	20	22	18	16	17	15	19	22	16	18
English Language and Literature	104	95	92	97	96	94	99	103	103	107
Germanic Studies	28	26	24	23	21	18	16	19	17	20
History	79	83	78	76	74	63	59	63	64	65
History of Art and Archaeology	19	18	16	17	13	14	14	18	19	17
Medieval Studies	15	8	13	12	14	13	12	16	13	13
Music	28	25	26	27	27	30	29	35	33	32
Near Eastern Studies	6	4	4	3	3	4	1	0	3	3
Philosophy	33	30	34	31	33	29	32	33	34	40
Romance Studies	56	48	46	38	34	42	42	39	38	40
Science and Technology Studies*	21	24	18	19	21	22	22	24	24	23
Slavic Studies	9	9	7	5	3	1	0	0	0	0
Theatre Arts	10	9	10	9	13	10	9	12	11	11
Total	536	503	481	459	456	439	442	480	475	478

* Formerly History & Philosophy of Science & Technology.

Table E-14. Enrollment by Area and by Field, Fall Terms, 1994-2003

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Biological Sciences										
Animal Breeding	8	8	10	9	10	8	5	4	3	3
Animal Science	49	45	44	35	41	41	46	48	41	38
Biochemistry, Molecular and Cell Biology	75	73	77	67	71	75	70	63	72	80
Biometry	5	6	10	11	11	12	12	13	11	11
Biophysics*	n/a	n/a	1	7	10	8	6	11	14	10
Comparative Biomedical Sciences	51	39	38	37	35	25	22	24	29	33
Ecology and Evolutionary Biology	51	57	58	59	55	55	54	50	57	57
Entomology	46	38	38	43	42	39	34	34	38	34
Environmental Toxicology	31	32	25	24	20	17	18	18	16	14
Floriculture and Ornamental Horticulture	23	26	27	26	28	33	29	27	30	30
Food Science and Technology	111	110	90	67	69	77	74	76	84	81
Genetics and Development	33	28	33	35	33	34	35	46	47	51
Immunology	10	10	9	12	14	14	16	12	14	13
Microbiology	35	35	27	25	29	32	41	40	44	56
Natural Resources	54	50	42	45	58	60	56	68	78	73
Neurobiology and Behavior	34	35	34	33	37	35	36	43	41	40
Nutrition	85	82	78	71	68	73	69	68	64	65
Pharmacology**	n/a	15	15	12	12	13	18	19	19	20
Physiology	25	22	21	18	20	20	21	25	13	14
Plant Biology***	39	40	48	52	47	51	51	50	52	50
Plant Breeding	44	40	35	38	36	36	31	31	33	32
Plant Pathology	62	58	54	50	50	49	45	51	45	47
Plant Protection	1	0	2	1	2	1	0	1	1	1
Pomology	18	16	14	12	11	10	9	14	16	19
Psychology	34	34	34	33	29	34	33	37	34	28
Soil and Crop Sciences	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	36	44
Soil, Crop and Atmospheric Sciences	63	52	51	45	42	41	48	57	n/a	n/a
Vegetable Crops	11	12	13	14	11	11	9	10	8	6
Zoology	10	9	8	4	5	5	7	7	6	3
Total	1008	972	936	885	896	909	895	947	946	953

*Biophysics formed 1996 **Pharmacology formed 1995 ***formerly Botany ****formerly Agronomy

Table E-14. Enrollment by Area and by Field, Fall Terms, 1994-2003

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Physical Sciences										
Aerospace Engineering	24	23	23	18	19	18	15	18	23	26
Agricultural and Biological Engineering	55	56	53	48	45	46	54	68	64	65
Applied Mathematics	31	36	35	33	35	40	42	41	39	34
Applied Physics	64	60	52	58	62	66	58	62	77	85
Astronomy and Space Sciences	30	26	26	17	23	24	27	28	29	31
Atmospheric Science	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	8	9
Biomedical Engineering*	n/a	n/a	n/a	n/a	2	5	8	9	9	15
Chemical Engineering	71	67	69	52	71	70	58	81	82	92
Chemistry and Chemical Biology	168	146	143	128	139	146	144	146	163	174
Civil and Environmental Engineering	168	158	144	135	143	129	142	132	124	115
Computer Science	125	154	133	135	141	139	170	171	184	246
Electrical and Computer Engineering	265	240	207	179	196	228	216	250	275	280
Geological Sciences	34	36	27	27	36	35	31	27	29	27
Materials Science and Engineering	58	59	50	48	52	58	48	44	45	45
Mathematics	59	64	59	56	57	60	65	72	77	79
Mechanical Engineering	109	90	108	68	71	67	57	88	103	91
Nuclear Science and Engineering	9	10	7	4	4	1	3	3	2	1
Operations Research	67	85	96	96	91	94	110	109	123	111
Physics	171	174	169	156	151	153	155	170	182	194
Systems Engineering	0	0	0	0	0	0	0	18	34	34
Textiles	17	18	18	14	15	16	14	13	15	18
Theoretical and Applied Mechanics	34	30	30	27	31	36	34	29	39	37
Total	1559	1532	1449	1299	1384	1431	1451	1579	1726	1809

*New field in 1997

Table E-14. Enrollment by Area and by Field, Fall Terms, 1994-2003

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Social Sciences										
African and African-American Studies	15	16	13	17	15	15	13	15	15	12
Anthropology	42	45	45	44	41	42	42	47	50	49
Applied Economics and Management	63	63	60	59	63	64	60	62	59	71
Archaeology	6	4	4	2	0	0	0	1	4	5
Asian Studies	35	36	60	43	35	37	24	18	30	39
City and Regional Planning	111	97	90	91	103	103	96	106	97	107
Communication	45	50	52	50	36	34	27	26	32	28
Community and Rural Development*	n/a	n/a	n/a	5	6	6	8	13	8	7
Consumer Economics and Housing	19	19	19	22	17	12	10	5	0	n/a
Design and Environmental Analysis	20	19	20	26	23	22	19	22	27	29
Development Sociology	48	48	42	40	44	44	47	41	40	40
Economics	79	77	72	76	81	84	98	115	116	134
Education	106	105	83	89	82	87	82	78	70	73
Government	87	91	81	86	78	71	73	71	71	76
Hotel Administration	123	117	126	128	123	110	123	116	119	106
Human Development	41	36	37	32	29	32	35	33	37	32
Human Service Studies	66	65	66	54	58	50	53	47	0	n/a
Industrial and Labor Relations	119	116	134	111	109	130	144	145	145	161
International Agriculture and Rural Development	32	24	21	25	26	33	26	22	12	18
International Development	18	23	28	20	15	15	19	24	17	17
Landscape Architecture	47	45	36	29	34	48	50	52	50	54
Law	52	48	48	57	56	81	52	66	60	75
Linguistics	53	50	44	42	41	37	35	37	40	36
Management	23	29	31	29	24	32	28	34	37	41
Policy Analysis and Management	0	0	0	0	0	0	0	0	49	47
Public Affairs	40	57	55	43	54	54	51	60	76	70
Real Estate***	n/a	n/a	6	16	19	23	25	27	37	39
Regional Science	18	19	16	19	20	18	13	10	12	12
Sociology	20	22	19	22	22	33	33	34	41	47
Statistics	15	15	17	15	17	20	23	30	37	37
Total	1343	1336	1325	1292	1271	1337	1309	1357	1388	1462

*New field in 1997 **Minor field ***Changed from Minor to Major field in 1995

Table E-15. Enrollment in Field for Master's and Doctoral Degree Programs by Gender, Citizenship, and Minority Status, Fall Term, 2003

Humanities	M.A., M.S., and Professional Master's							Doctoral Programs*								
	Total	Gender		Citizenship		Minorities			Total	Gender		Citizenship		Minorities		
		Female	Male	U.S.**	Foreign	URM***	All****	Female		Male	U.S.**	Foreign	URM***	All****		
Architecture	24	6	18	16	8	2	3	10	4	6	5	5	0	0		
Art	11	8	3	10	1	2	3	0	0	0	0	0	0	0		
Asian Religions	0	0	0	0	0	0	0	5	2	3	3	2	0	0		
Classics	0	0	0	0	0	0	0	17	6	11	11	6	1	1		
Comparative Literature	0	0	0	0	0	0	0	20	14	6	13	7	2	3		
East Asian Literature	0	0	0	0	0	0	0	18	9	9	7	11	0	3		
English Language and Literature	18	14	4	16	2	4	6	87	46	41	70	17	20	25		
Germanic Studies	0	0	0	0	0	0	0	19	9	10	14	5	0	1		
History	0	0	0	0	0	0	0	64	32	32	50	14	9	14		
History of Art and Archaeology	0	0	0	0	0	0	0	17	9	8	11	6	4	6		
Medieval Studies	0	0	0	0	0	0	0	13	7	6	11	2	0	0		
Music	0	0	0	0	0	0	0	32	20	12	22	10	2	4		
Near Eastern Studies	0	0	0	0	0	0	0	3	0	3	2	1	0	1		
Philosophy	0	0	0	0	0	0	0	40	13	27	28	12	1	2		
Romance Studies	0	0	0	0	0	0	0	40	21	19	22	18	6	7		
Science and Technology Studies	1	0	1	0	1	0	0	22	13	9	11	11	0	1		
Theatre Arts	0	0	0	0	0	0	0	11	6	5	10	1	1	1		

* Includes Professional Doctoral degrees in fields of Music and Law only.

** Includes U.S. citizens and permanent residents.

*** URM (Underrepresented minorities) includes African American, Mexican American, Native American, Puerto Rican and Other Hispanic.

**** All minority includes URM and Asian American.

Table E-15. Enrollment in Field for Master's and Doctoral Degree Programs by Gender, Citizenship, and Minority Status, Fall Term, 2003

Biological Sciences	M.A., M.S., and Professional Master's							Doctoral Programs								
	Total	Gender		Citizenship		Minorities			Total	Gender		Citizenship		Minorities		
		Female	Male	U.S.**	Foreign	URM***	All****	Female		Male	U.S.**	Foreign	URM***	All****		
Animal Breeding	0	0	0	0	0	0	0	3	0	3	3	0	0	0		
Animal Science	9	8	1	8	1	0	0	29	16	13	16	13	0	1		
Biochemistry, Molecular and Cell Biology	0	0	0	0	0	0	0	80	51	29	60	20	10	17		
Biometry	0	0	0	0	0	0	0	11	7	4	4	7	4	4		
Biophysics	0	0	0	0	0	0	0	10	2	8	4	6	0	0		
Comparative Biomedical Sciences	0	0	0	0	0	0	0	33	18	15	21	12	2	4		
Ecology and Evolutionary Biology	2	2	0	2	0	0	0	55	28	27	46	9	2	5		
Entomology	5	2	3	2	3	0	0	29	14	15	18	11	2	2		
Environmental Toxicology	2	2	0	1	1	0	0	12	7	5	10	2	2	2		
Floriculture and Ornamental Horticulture	8	5	3	6	2	1	1	22	8	14	12	10	0	0		
Food Science and Technology	25	17	8	10	15	2	3	56	28	28	15	41	0	4		
Genetics and Development	0	0	0	0	0	0	0	51	27	24	36	15	6	10		
Immunology	0	0	0	0	0	0	0	13	10	3	7	6	1	1		
Microbiology	0	0	0	0	0	0	0	56	31	25	31	25	2	5		
Natural Resources	24	9	15	20	4	1	5	49	22	27	39	10	4	5		
Neurobiology and Behavior	0	0	0	0	0	0	0	40	15	25	34	6	5	7		
Nutrition	3	3	0	3	0	0	1	61	42	19	29	32	6	12		
Pharmacology	0	0	0	0	0	0	0	20	10	10	16	4	2	7		
Physiology	2	1	1	2	0	0	0	12	6	6	5	7	2	2		
Plant Biology	0	0	0	0	0	0	0	50	32	18	34	16	3	5		
Plant Breeding	0	0	0	0	0	0	0	32	11	21	14	18	2	3		
Plant Pathology	2	2	0	2	0	0	0	45	29	16	25	20	0	2		
Plant Protection	1	1	0	1	0	0	0	0	0	0	0	0	0	0		
Pomology	4	4	0	3	1	0	0	15	6	9	5	10	0	0		
Psychology	0	0	0	0	0	0	0	28	16	12	20	8	1	3		
Soil and Crop Sciences	13	3	10	6	7	0	0	31	14	17	14	17	1	1		
Vegetable Crops	1	1	0	1	0	0	0	5	2	3	2	3	0	1		
Zoology	0	0	0	0	0	0	0	3	2	1	1	2	0	0		

** Includes U.S. citizens and permanent residents.

*** URM (Underrepresented minorities) includes African American, Mexican American, Native American, Puerto Rican and Other Hispanic.

**** All minority includes URM and Asian American.

Table E-15. Enrollment in Field for Master's and Doctoral Degree Programs by Gender, Citizenship, and Minority Status, Fall Term, 2003

Physical Sciences	M.A., M.S., and Professional Master's							Doctoral Programs						
	Total	Gender		Citizenship		Minorities		Total	Gender		Citizenship		Minorities	
		Female	Male	U.S.**	Foreign	URM***	All****		Female	Male	U.S.**	Foreign	URM***	All****
Aerospace Engineering	11	1	10	8	3	0	1	15	4	11	7	8	0	1
Agricultural and Biological Engineering	39	20	19	28	11	1	6	26	8	18	13	13	3	3
Applied Mathematics	0	0	0	0	0	0	0	34	14	20	24	10	9	13
Applied Physics	6	2	4	6	0	0	2	79	18	61	51	28	2	10
Astronomy and Space Sciences	0	0	0	0	0	0	0	31	11	20	15	16	0	0
Atmospheric Science	2	0	2	2	0	0	0	7	2	5	1	6	0	0
Biomedical Engineering	0	0	0	0	0	0	0	15	4	11	9	6	0	1
Chemical Engineering	17	4	13	14	3	0	7	75	18	57	35	40	2	6
Chemistry and Chemical Biology	0	0	0	0	0	0	0	174	70	104	117	57	12	22
Civil and Environmental Engineering	60	14	46	42	18	5	7	55	18	37	18	37	2	2
Computer Science	118	13	105	72	46	3	32	128	19	109	43	85	0	5
Electrical and Computer Engineering	115	18	97	70	45	5	36	165	27	138	57	108	7	16
Geological Sciences	3	2	1	1	2	0	1	24	10	14	17	7	0	0
Materials Science and Engineering	5	3	2	5	0	0	3	40	13	27	19	21	1	4
Mathematics	0	0	0	0	0	0	0	76	11	65	43	33	3	4
Mechanical Engineering	41	5	36	33	8	5	11	50	6	44	18	32	1	4
Nuclear Science and Engineering	0	0	0	0	0	0	0	1	0	1	1	0	0	0
Operations Research	70	24	46	39	31	4	19	40	8	32	9	31	0	3
Physics	0	0	0	0	0	0	0	193	41	152	123	70	4	13
Systems Engineering	34	5	29	31	3	3	7	0	0	0	0	0	0	0
Textiles	7	6	1	5	2	0	1	11	6	5	1	10	1	1
Theoretical and Applied Mechanics	2	0	2	1	1	0	0	35	6	29	15	20	2	2

** Includes U.S. citizens and permanent residents.

*** URM (Underrepresented minorities) includes African American, Mexican American, Native American, Puerto Rican and Other Hispanic.

**** All minority includes URM and Asian American.

Table E-15. Enrollment in Field for Master's and Doctoral Degree Programs by Gender, Citizenship, and Minority Status, Fall Term, 2003

Social Sciences	M.A., M.S., and Professional Master's							Doctoral Programs*							
	Total	Gender		Citizenship		Minorities		Total	Gender		Citizenship		Minorities		
		Female	Male	U.S.**	Foreign	URM***	All****		Female	Male	U.S.**	Foreign	URM***	All****	
African and African-American Studies	12	8	4	12	0	9	10	0	0	0	0	0	0	0	0
Anthropology	0	0	0	0	0	0	0	49	30	19	36	13	7	10	
Applied Economics and Management	32	15	17	18	14	0	2	39	17	22	11	28	0	4	
Archaeology	5	4	1	5	0	0	0	0	0	0	0	0	0	0	
Asian Studies	19	12	7	17	2	1	4	0	0	0	0	0	0	0	
City and Regional Planning	77	43	34	71	6	13	21	30	18	12	14	16	3	5	
Communication	12	7	5	8	4	2	4	16	9	7	9	7	1	2	
Community and Rural Development	7	4	3	5	2	1	1	0	0	0	0	0	0	0	
Design and Environmental Analysis	29	19	10	16	13	1	3	0	0	0	0	0	0	0	
Development Sociology	0	0	0	0	0	0	0	40	26	14	23	17	5	7	
Economics	0	0	0	0	0	0	0	132	52	80	51	81	8	16	
Education	42	22	20	41	1	3	4	31	23	8	26	5	5	6	
Government	0	0	0	0	0	0	0	74	38	36	36	38	2	6	
Hotel Administration	94	44	50	42	52	6	14	9	4	5	5	4	0	1	
Human Development	0	0	0	0	0	0	0	32	23	9	23	9	4	5	
Industrial and Labor Relations	131	81	50	91	40	14	24	30	12	18	17	13	2	3	
International Agriculture and Rural Development	10	3	7	3	7	0	0	0	0	0	0	0	0	0	
International Development	17	9	8	4	13	3	3	0	0	0	0	0	0	0	
Landscape Architecture	54	41	13	47	7	5	5	0	0	0	0	0	0	0	
Law	65	25	40	3	62	0	0	10	8	2	1	9	0	1	
Linguistics	0	0	0	0	0	0	0	35	16	19	14	21	2	3	
Management	0	0	0	0	0	0	0	39	15	24	18	21	2	2	
Policy Analysis and Management	27	12	15	19	8	3	8	20	15	5	11	9	1	3	
Public Affairs	70	42	28	42	28	13	20	0	0	0	0	0	0	0	
Real Estate	39	4	35	20	19	0	2	0	0	0	0	0	0	0	
Regional Science	1	0	1	0	1	0	0	11	2	9	0	11	0	0	
Sociology	0	0	0	0	0	0	0	47	24	23	27	20	4	7	
Statistics	19	11	8	6	13	0	2	18	6	12	9	9	1	4	

* Includes Professional Doctoral degrees in fields of Music and Law only.

** Includes U.S. citizens and permanent residents.

*** URM (Underrepresented minorities) includes African American, Mexican American, Native American, Puerto Rican and Other Hispanic.

**** All minority includes URM and Asian American.

Table E-16. Enrollment Summaries by Area for Master's and Doctoral Programs by Gender, Citizenship, and Minority Status, Fall Term, 2003

Area	M.A., M.S., and Professional Master's Programs												
	Total	Gender				Citizenship				Minorities			
		Female		Male		U.S.**		Foreign		URM*** % of Total		All**** % of Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Humanities	54	28	52%	26	48%	42	78%	12	22%	8	15%	12	22%
Biological Sciences	101	60	59%	41	41%	67	66%	34	34%	4	4%	10	10%
Physical Sciences	530	117	22%	413	78%	357	67%	173	33%	26	5%	133	25%
Social Sciences	762	406	53%	356	47%	470	62%	292	38%	74	10%	127	17%
Total	1447	611	42%	836	58%	936	65%	511	35%	112	8%	282	19%

Area	Doctoral Programs												
	Total	Gender				Citizenship				Minorities			
		Female		Male		U.S.**		Foreign		URM*** % of Total		All**** % of Total	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Humanities	418	211	50%	207	50%	290	69%	128	31%	46	11%	69	17%
Biological Sciences	851	454	53%	397	47%	521	61%	330	39%	57	7%	103	12%
Physical Sciences	1274	314	25%	960	75%	636	50%	638	50%	49	4%	110	9%
Social Sciences	662	338	51%	324	49%	331	50%	331	50%	47	7%	85	13%
Total	3205	1317	41%	1888	59%	1778	55%	1427	45%	199	6%	367	11%

* Includes Professional Doctoral degrees in fields of Music and Law only.

** Includes U.S. citizens and permanent residents.

*** URM (Underrepresented minorities) includes African American, Mexican American, Native American, Puerto Rican and Other Hispanic.

**** All includes URM and Asian Americans.

Table E-17. GRE General Test Scores of Entering Ph.D. Students by Field, Fall Term, 2003

Humanities	Mean Graduate Record Exam Scores				Students	
	Verbal	Quantitative	Analytical	Analyt. Writing	with scores	Total
Architecture	-	-	-	-	2	2
Asian Religions	-	-	-	-	1	1
Classics	677	670	440	-	3	3
Comparative Literature	-	-	-	-	2	2
East Asian Literature	-	-	-	-	2	2
English Language and Literature	685	619	642	5.6	13	14
Germanic Studies	-	-	-	-	2	2
History	644	644	643	5.1	14	14
History of Art and Archaeology	-	-	-	-	2	3
Medieval Studies	-	-	-	-	2	2
Music	-	-	-	-	2	2
Near Eastern Studies	-	-	-	-	0	0
Philosophy	652	612	695	4.8	5	9
Romance Studies	464	505	560	4.3	10	11
Science and Technology Studies	603	768	630	-	4	4
Theatre Arts	-	-	-	-	1	1

*Dash indicates test scores not reported because fewer than 3 scores available.

Table E-17. GRE General Test Scores of Entering Ph.D. Students by Field, Fall Term, 2003

Biological Sciences	Mean Graduate Record Exam Scores				Students	
	Verbal	Quantitative	Analytical	Analyt. Writing	with scores	Total
Animal Breeding	-	-	-	-	1	1
Animal Science	563	623	720	-	3	3
Biochemistry, Molecular and Cell Biology	491	691	659	4.0	17	18
Biometry	-	-	-	-	1	1
Biophysics	-	-	-	-	1	1
Comparative Biomedical Sciences	526	712	675	-	5	6
Ecology and Evolutionary Biology	636	730	720	-	5	5
Entomology	-	-	-	-	1	1
Environmental Toxicology	-	-	-	-	1	1
Floriculture and Ornamental Horticulture	398	598	473	-	4	5
Food Science and Technology	490	707	710	-	6	6
Genetics and Development	603	726	737	5.2	9	10
Immunology	-	-	-	-	2	4
Microbiology	546	702	557	4.9	14	15
Natural Resources	622	715	722	-	6	10
Neurobiology and Behavior	623	761	736	-	7	7
Nutrition	603	722	688	5.5	10	10
Pharmacology	-	-	-	-	2	2
Physiology	-	-	-	-	1	2
Plant Biology	589	681	652	-	7	7
Plant Breeding	454	674	610	-	5	8
Plant Pathology	608	698	617	5.0	6	6
Pomology	-	-	-	-	1	2
Psychology	584	588	723	4.8	8	9
Soil and Crop Sciences	520	671	497	4.6	7	8
Vegetable Crops	-	-	-	-	0	0
Zoology	-	-	-	-	0	0

*Dash indicates test scores not reported because fewer than 3 scores available.

Table E-17. GRE General Test Scores of Entering Ph.D. Students by Field, Fall Term, 2003

Physical Sciences	Mean Graduate Record Exam Scores				Students	
	Verbal	Quantitative	Analytical	Analyt. Writing	with scores	Total
Aerospace Engineering	-	-	-	-	2	4
Agricultural and Biological Engineering	583	748	717	4.3	6	6
Applied Mathematics	572	758	502	4.7	6	6
Applied Physics	581	784	753	4.9	21	21
Astronomy and Space Sciences	622	776	770	-	5	6
Atmospheric Science	-	-	-	-	1	1
Biomedical Engineering	558	772	748	-	5	6
Chemical Engineering	557	772	709	5.1	21	22
Chemistry and Chemical Biology	552	730	666	4.5	39	42
Civil and Environmental Engineering	495	722	660	-	12	13
Computer Science	623	794	758	5.0	39	42
Electrical and Computer Engineering	531	777	698	4.5	19	22
Geological Sciences	568	748	753	5.3	6	6
Materials Science and Engineering	575	778	756	-	11	11
Mathematics	564	788	705	-	8	10
Mechanical Engineering	631	785	760	-	14	15
Nuclear Science and Engineering	-	-	-	-	0	0
Operations Research	622	798	784	-	6	7
Physics	615	787	709	4.9	40	40
Textiles	570	758	673	-	4	4
Theoretical and Applied Mechanics	-	-	-	-	2	3

*Dash indicates test scores not reported because fewer than 3 scores available.

Table E-17. GRE General Test Scores of Entering Ph.D. Students by Field, Fall Term, 2003

Social Sciences	Mean Graduate Record Exam Scores				Students	
	Verbal	Quantitative	Analytical	Analyt. Writing	with scores	Total
Applied Economics and Management	528	721	682	5.4	9	9
Anthropology	633	660	703	-	3	3
City and Regional Planning	-	-	-	-	2	3
Communication	-	-	-	-	2	2
Design and Environmental Analysis	-	-	-	-	0	0
Development Sociology	607	666	573	4.8	7	7
Economics	560	767	681	5.0	33	35
Education	527	513	545	-	3	4
Government	665	697	705	5.6	15	15
Hotel Administration	-	-	-	-	0	1
Human Development	623	633	695	-	3	3
Industrial and Labor Relations	608	705	763	-	4	7
Linguistics	540	720	637	-	4	4
Management	583	767	703	-	3	8
Policy Analysis and Management	607	783	770	-	3	3
Regional Science	-	-	-	-	1	1
Sociology	556	679	599	4.9	14	14
Statistics	538	773	710	-	6	6

*Dash indicates test scores not reported because fewer than 3 scores available.

Table E-18. Summary by Area of GRE General Test Scores of Entering Ph.D. Students
Fall Term, 2003

Area	Verbal		Quantitative		Analytical		Analyt. Writing	
	Mean	N	Mean	N	Mean	N	Mean	N
Humanities	616	65	625	65	638	28	5.1	37
Biological Sciences	555	130	693	130	647	83	4.8	47
Physical Sciences	582	267	770	267	718	196	4.8	70
Social Sciences	580	112	717	112	676	80	5.0	32

Fields with fewer than three students' scores are included in this summary, although excluded from field reports in Table E-17.

Table E-19. Field Enrollment by Degree, Ethnicity, Gender, and Citizenship, Fall Term, 2003

Humanities	Total	Ph.D. & M/Ph.D.	M.A./M.S.	Prof.	Non-degree	All** Minorities	Underrepresented Minorities***	Female	Male	U.S.	Foreign
Architecture	36	10	7	17	2	3	2	11	25	21	15
Art	11	0	0	11	0	3	2	8	3	10	1
Asian Religions	5	5	0	0	0	0	0	2	3	3	2
Classics	17	17	0	0	0	1	1	6	11	11	6
Comparative Literature	20	20	0	0	0	3	2	14	6	13	7
East Asian Literature	18	18	0	0	0	3	0	9	9	7	11
English Language and Literature	107	87	1	17	2	31	24	60	47	86	21
Germanic Studies	20	19	0	0	1	1	0	9	11	14	6
History	65	64	0	0	1	14	9	33	32	51	14
History of Art and Archaeology	17	17	0	0	0	6	4	9	8	11	6
Medieval Studies	13	13	0	0	0	0	0	7	6	11	2
Music	32	17	0	15	0	4	2	20	12	22	10
Near Eastern Studies	3	3	0	0	0	1	0	0	3	2	1
Philosophy	40	40	0	0	0	2	1	13	27	28	12
Romance Studies	40	40	0	0	0	7	6	21	19	22	18
Science and Technology Studies	23	22	1	0	0	1	0	13	10	11	12
Theatre Arts	11	11	0	0	0	1	1	6	5	10	1
Total	478	403	9	60	6	81	54	241	237	333	145

*JSD's for Law and DMA's for Music are included with professional degrees

** Includes Underrepresented Minorities and Asian Americans

*** Includes African American, Mexican American, Native American, Puerto Rican and Other Hispanic

Table E-19. Field Enrollment by Degree, Ethnicity, Gender, and Citizenship, Fall Term, 2003

Biological Sciences	Total	Ph.D. & M/Ph.D.	M.A./ M.S.	Prof.	Non-Degree	All Minorities	Underrepresented Minorities	Female	Male	U.S.	Foreign
Animal Breeding	3	3	0	0	0	0	0	0	3	3	0
Animal Science	38	29	9	0	0	1	0	24	14	24	14
Biochemistry, Molecular and Cell Biology	80	80	0	0	0	17	10	51	29	60	20
Biometry	11	11	0	0	0	4	4	7	4	4	7
Biophysics	10	10	0	0	0	0	0	2	8	4	6
Comparative Biomedical Sciences	33	33	0	0	0	4	2	18	15	21	12
Ecology and Evolutionary Biology	57	55	2	0	0	5	2	30	27	48	9
Entomology	34	29	5	0	0	2	2	16	18	20	14
Environmental Toxicology	14	12	2	0	0	2	2	9	5	11	3
Floriculture and Ornamental Horticulture	30	22	2	6	0	1	1	13	17	18	12
Food Science and Technology	81	56	25	0	0	7	2	45	36	25	56
Genetics and Development	51	51	0	0	0	10	6	27	24	36	15
Immunology	13	13	0	0	0	1	1	10	3	7	6
Microbiology	56	56	0	0	0	5	2	31	25	31	25
Natural Resources	73	49	17	7	0	10	5	31	42	59	14
Neurobiology and Behavior	40	40	0	0	0	7	5	15	25	34	6
Nutrition	65	61	3	0	1	13	6	45	20	32	33
Pharmacology	20	20	0	0	0	7	2	10	10	16	4
Physiology	14	12	2	0	0	2	2	7	7	7	7
Plant Biology	50	50	0	0	0	5	3	32	18	34	16
Plant Breeding	32	32	0	0	0	3	2	11	21	14	18
Plant Pathology	47	45	2	0	0	2	0	31	16	27	20
Plant Protection	1	0	0	1	0	0	0	1	0	1	0
Pomology	19	15	4	0	0	0	0	10	9	8	11
Psychology	28	28	0	0	0	3	1	16	12	20	8
Soil and Crop Sciences	44	31	13	0	0	1	1	17	27	20	24
Vegetable Crops	6	5	1	0	0	1	0	3	3	3	3
Zoology	3	3	0	0	0	0	0	2	1	1	2
Total	953	851	87	14	1	113	61	514	439	588	365

Table E-19. Field Enrollment by Degree, Ethnicity, Gender, and Citizenship, Fall Term, 2003

Physical Sciences	Total	Ph.D. & M/Ph.D.	M.A./ M.S.	Prof.	Non- degree	All Minorities	Underrepresented Minorities	Female	Male	U.S.	Foreign
Aerospace Engineering	26	15	1	10	0	2	0	5	21	15	11
Agricultural and Biological Engineering	65	26	16	23	0	9	4	28	37	41	24
Applied Mathematics	34	34	0	0	0	13	9	14	20	24	10
Applied Physics	85	79	0	6	0	12	2	20	65	57	28
Astronomy and Space Sciences	31	31	0	0	0	0	0	11	20	15	16
Atmospheric Science	9	7	2	0	0	0	0	2	7	3	6
Biomedical Engineering	15	15	0	0	0	1	0	4	11	9	6
Chemical Engineering	92	75	1	16	0	13	2	22	70	49	43
Chemistry and Chemical Biology	174	174	0	0	0	22	12	70	104	117	57
Civil and Environmental Engineering	115	55	19	41	0	9	7	32	83	60	55
Computer Science	246	128	0	118	0	37	3	32	214	115	131
Electrical and Computer Engineering	280	165	4	111	0	52	12	45	235	127	153
Geological Sciences	27	24	2	1	0	1	0	12	15	18	9
Materials Science and Engineering	45	40	0	5	0	7	1	16	29	24	21
Mathematics	79	76	0	0	3	4	3	12	67	43	36
Mechanical Engineering	91	50	4	37	0	15	6	11	80	51	40
Nuclear Science and Engineering	1	1	0	0	0	0	0	0	1	1	0
Operations Research	111	40	0	70	1	22	4	32	79	48	63
Physics	194	193	0	0	1	13	4	42	152	123	71
Systems Engineering	34	0	0	34	0	7	3	5	29	31	3
Textiles	18	11	7	0	0	2	1	12	6	6	12
Theoretical and Applied Mechanics	37	35	2	0	0	2	2	6	31	16	21
Total	1809	1274	58	472	5	243	75	433	1376	993	816

Table E-19. Field Enrollment by Degree, Ethnicity, Gender, and Citizenship, Fall Term, 2003

Social Sciences	Total	Ph.D. & M/Ph.D.	M.A./ M.S.	Prof.	Non-degree	All Minorities	Underrepresented Minorities	Female	Male	U.S.	Foreign
African and African-American Studies	12	0	0	12	0	10	9	8	4	12	0
Anthropology	49	49	0	0	0	10	7	30	19	36	13
Applied Economics and Management	71	39	28	4	0	6	0	32	39	29	42
Archaeology	5	0	5	0	0	0	0	4	1	5	0
Asian Studies	39	0	19	0	20	7	2	17	22	35	4
City and Regional Planning	107	30	14	63	0	26	16	61	46	85	22
Communication	28	16	12	0	0	6	3	16	12	17	11
Community and Rural Development	7	0	0	7	0	1	1	4	3	5	2
Design and Environmental Analysis	29	0	29	0	0	3	1	19	10	16	13
Development Sociology	40	40	0	0	0	7	5	26	14	23	17
Economics	134	132	0	0	2	16	8	52	82	51	83
Education	73	31	4	38	0	10	8	45	28	67	6
Government	76	74	0	0	2	6	2	39	37	37	39
Hotel Administration	106	9	0	94	3	15	6	48	58	47	59
Human Development	32	32	0	0	0	5	4	23	9	23	9
Industrial and Labor Relations	161	30	4	127	0	27	16	93	68	108	53
International Agriculture and Rural Development	18	0	0	10	8	0	0	7	11	3	15
International Development	17	0	0	17	0	3	3	9	8	4	13
Landscape Architecture	54	0	0	54	0	5	5	41	13	47	7
Law	75	0	0	75	0	1	0	33	42	4	71
Linguistics	36	35	0	0	1	3	2	16	20	14	22
Management	41	39	0	0	2	2	2	16	25	18	23
Policy Analysis and Management	47	20	0	27	0	11	4	27	20	30	17
Public Affairs	70	0	0	70	0	20	13	42	28	42	28
Real Estate	39	0	0	39	0	2	0	4	35	20	19
Regional Science	12	11	1	0	0	0	0	2	10	0	12
Sociology	47	47	0	0	0	7	4	24	23	27	20
Statistics	37	18	0	19	0	6	1	17	20	15	22
Total	1462	652	116	656	38	215	122	755	707	820	642

Table E-19. Field Enrollment by Degree, Ethnicity, Gender, and Citizenship, Fall Term, 2003

Summary	Total	Ph.D. & M/Ph.D.	M.A./ M.S.	Prof.	Non- degree	All Minorities	Underrepresented Minorities	Female	Male	U.S.	Foreign
Humanities	478	403	9	60	6	81	54	241	237	333	145
Biological Sciences	953	851	87	14	1	113	61	514	439	588	365
Physical Sciences	1809	1274	58	472	5	243	75	433	1376	993	816
Social Sciences	1462	652	116	656	38	215	122	755	707	820	642
Total	4702	3180	270	1202	50	652	312	1943	2759	2734	1968

Table D-1. Degrees Awarded by Type of Degree and Year,
Selected Years, 1958-59 through 2003-04

Year	Total Degrees	Doctoral Degrees*	Total Master's	Thesis M.A./M.S.	Non-thesis M.A./M.S.	Professional Master's
2003-04	1709	413	1296	189	260	847
2002-03	1630	411	1219	182	235	802
2001-02	1617	382	1235	231	220	784
2000-01	1565	418	1147	206	202	739
1999-00	1476	448	1028	194	180	654
1998-99	1578	485	1093	207	233	653
1997-98	1567	475	1092	246	199	647
1996-97	1679	486	1193	259	198	736
1995-96	1736	517	1219	265	237	717
1994-95	1676	525	1151	221	221	709
1993-94	1635	572	1063	245	247	571
1992-93	1584	494	1090	263	267	560
1991-92	1635	513	1122	274	252	596
1990-91	1486	501	985	257	256	472
1989-90	1496	543	953	257	242	454
1988-89	1380	471	909	237	243	429
1983-84	1315	425	890	295	217	378
1978-79	1181	415	766	266	181	319
1973-74	1341	496	845	304	199	342
1968-69	1121	420	701	350	132	219
1958-59	591	203	388	312	n/a**	76†

NOTE: Academic years include August, January, and May degree conferrals for all degree tables.

*Doctoral degrees includes all Ph.D.s and all professional doctorates.

**Non-thesis master's degrees were not awarded at this time.

†Professional engineering degree students were not registered with the Graduate School before 1965-66.

Table D-2. Doctoral Recipients by Area, Citizenship, and Gender, Selected Years, 1978-79 through 2003-04

Area	Year	Total N	Citizenship				Gender				U.S. Citizens & Per. Res.				Foreign			
			U. S.		Foreign		Female		Male		Female		Male		Female		Male	
			n	%	n	%	n	%	n	%	n	% of Total	n	% of Total	n	% of Total	n	% of Total
Humanities																		
	2003-04	38	27	71%	11	29%	18	47%	20	53%	12	32%	15	39%	6	16%	5	13%
	2002-03	60	50	83%	10	17%	33	55%	27	45%	28	47%	22	37%	5	8%	5	8%
	2001-02	37	32	86%	5	14%	21	57%	16	43%	18	49%	14	38%	3	8%	2	5%
	2000-01	51	40	78%	11	22%	23	45%	28	55%	19	37%	21	41%	4	8%	7	14%
	1999-00	68	57	84%	11	16%	32	47%	36	53%	28	41%	29	43%	4	6%	7	10%
	1993-94	59	43	73%	16	27%	26	44%	33	56%	20	34%	23	39%	6	10%	10	17%
	1988-89	44	35	80%	9	20%	21	48%	23	52%	17	39%	18	41%	4	9%	5	11%
	1983-84	42	40	95%	2	5%	23	55%	19	45%	21	50%	19	45%	2	5%	0	0%
	1978-79	45	36	80%	9	20%	18	40%	27	60%	16	36%	20	44%	2	4%	7	16%
Biological Sciences																		
	2003-04	117	68	58%	49	42%	52	44%	65	56%	30	26%	38	32%	22	19%	27	23%
	2002-03	126	59	47%	67	53%	65	52%	61	48%	30	24%	29	23%	35	28%	32	25%
	2001-02	128	74	58%	54	42%	67	52%	61	48%	38	30%	36	28%	29	23%	25	20%
	2000-01	122	77	63%	45	37%	58	48%	64	52%	42	34%	35	29%	16	13%	29	24%
	1999-00	117	64	55%	53	45%	50	43%	67	57%	29	25%	35	30%	21	18%	32	27%
	1993-94	140	86	61%	54	39%	60	43%	80	57%	39	28%	47	34%	21	15%	33	24%
	1988-89	148	105	71%	43	29%	59	40%	89	60%	47	32%	58	39%	12	8%	31	21%
	1983-84	121	94	78%	27	22%	40	33%	81	67%	31	26%	63	52%	9	7%	18	15%
	1978-79	125	92	74%	33	26%	29	23%	96	77%	24	19%	68	54%	5	4%	28	22%

Table D-2. Doctoral Recipients by Area, Citizenship, and Gender, Selected Years, 1978-79 through 2003-04

Area	Year	Total N	Citizenship				Gender				U.S. Citizens & Per. Res.				Foreign			
			U. S.		Foreign		Female		Male		Female		Male		Female		Male	
			n	%	n	%	n	%	n	%	n	% of Total	n	% of Total	n	% of Total	n	% of Total

Physical Sciences

2003-04	165	69	42%	96	58%	25	15%	140	85%	11	7%	58	35%	14	8%	82	50%
2002-03	145	82	57%	63	43%	28	19%	117	81%	18	12%	64	44%	10	7%	53	37%
2001-02	125	63	50%	62	50%	26	21%	99	79%	15	12%	48	38%	11	9%	51	41%
2000-01	154	86	56%	68	44%	36	23%	118	77%	27	18%	59	38%	9	6%	59	38%
1999-00	161	92	57%	69	43%	30	19%	131	81%	16	10%	76	47%	14	9%	55	34%
1993-94	231	137	59%	94	41%	42	18%	189	82%	30	13%	107	46%	12	5%	82	35%
1988-89	187	135	72%	52	28%	32	17%	155	83%	27	14%	108	58%	5	3%	47	25%
1983-84	149	97	65%	52	35%	14	9%	135	91%	13	9%	84	56%	1	1%	51	34%
1978-79	115	79	69%	36	31%	8	7%	107	93%	4	3%	75	65%	4	3%	32	28%

Social Sciences

2003-04	93	49	53%	44	47%	44	47%	49	53%	25	27%	24	26%	19	20%	25	27%
2002-03	80	49	61%	31	39%	34	43%	46	58%	22	28%	27	34%	12	15%	19	24%
2001-02	92	54	59%	38	41%	42	46%	50	54%	32	35%	22	24%	10	11%	28	30%
2000-01	91	49	54%	42	46%	47	52%	44	48%	33	36%	16	18%	14	15%	28	31%
1999-00	102	55	54%	47	46%	49	48%	53	52%	31	30%	24	24%	18	18%	29	28%
1993-94	142	75	53%	67	47%	70	49%	72	51%	45	32%	30	21%	25	18%	42	30%
1988-89	92	64	70%	28	30%	37	40%	55	60%	32	35%	32	35%	5	5%	23	25%
1983-84	113	72	64%	41	36%	44	39%	69	61%	36	32%	36	32%	8	7%	33	29%
1978-79	130	95	73%	35	27%	34	26%	96	74%	31	24%	64	49%	3	2%	32	25%

Table D-2. Doctoral Recipients by Area, Citizenship, and Gender, Selected Years, 1978-79 through 2003-04

Summary	Total N	Citizenship				Gender				U.S. Citizens & Per. Res.				Foreign			
		U. S.		Foreign		Female		Male		Female		Male		Female		Male	
		n	%	n	%	n	%	n	%	n	% of Total	n	% of Total	n	% of Total	n	% of Total
2003-04	413	213	52%	200	48%	139	34%	274	66%	78	19%	135	33%	61	15%	139	34%
2002-03	411	240	58%	171	42%	160	39%	251	61%	98	24%	142	35%	62	15%	109	27%
2001-02	382	223	58%	159	42%	156	41%	226	59%	103	27%	120	31%	53	14%	106	28%
2000-01	418	252	60%	166	40%	164	39%	254	61%	121	29%	131	31%	43	10%	123	29%
1999-00	448	268	60%	180	40%	161	36%	287	64%	104	23%	164	37%	57	13%	123	27%
1993-94	572	341	60%	231	40%	198	35%	374	65%	134	23%	207	36%	64	11%	167	29%
1988-89	471	339	72%	132	28%	149	32%	322	68%	123	26%	216	46%	26	6%	106	23%
1983-84	425	303	71%	122	29%	121	28%	304	72%	101	24%	202	48%	20	5%	102	24%
1978-79	415	302	73%	113	27%	89	21%	326	79%	75	18%	227	55%	14	3%	99	24%

Table D-3. Doctoral Recipients by Area, Ethnicity, and Citizenship, Selected Years, 1978-79 through 2003-04

Humanities

Year	U.S. Citizens and Permanent Residents by Ethnicity							Foreign n	Total N	Minority Students***			
	African Amer.	Native Amer.	Puerto Rican	Mexican Amer.	Other Hispanic	Asian Amer.	Caucasian**			All		Under-represented	
	n	n	n	n	n	n	n			n	%	n	%
2003-04	2	2	0	2	1	3	17	11	38	10	26.3%	7	18.4%
2002-03	2	0	0	1	1	5	41	10	60	9	15.0%	4	6.7%
2001-02	3	1	1	4	0	2	21	5	37	11	29.7%	9	24.3%
2000-01	1	1	1	1	1	2	33	11	51	7	13.7%	5	9.8%
1999-00	4	0	1	1	0	7	44	11	68	13	19.1%	6	8.8%
1993-94	1	0	2	1	0	1	38	16	59	5	8.5%	4	6.8%
1988-89	1	0	1	1	0	1	32	9	45	4	8.9%	3	6.7%
1983-84	0	0	2	*	1	1	36	2	42	4	9.5%	3	7.1%
1978-79	1	0	0	*	1	0	34	9	45	2	4.4%	2	4.4%

Biological Sciences

Year	U.S. Citizens and Permanent Residents by Ethnicity							Foreign n	Total N	Minority Students***			
	African American	Native American	Puerto Rican	Mexican American	Other Hispanic	Asian American	Caucasian**			All		Under-represented	
	n	n	n	n	n	n	n			n	%	n	%
2003-04	1	1	0	1	3	5	57	49	117	11	9.4%	6	5.1%
2002-03	0	0	0	0	1	3	55	67	126	4	3.2%	1	0.8%
2001-02	2	0	1	1	3	5	62	54	128	12	9.4%	7	5.5%
2000-01	2	0	0	1	0	7	67	45	122	10	8.2%	3	2.5%
1999-00	0	1	1	0	0	2	60	53	117	4	3.4%	2	1.7%
1993-94	2	1	0	0	1	3	79	54	140	7	5.0%	4	2.9%
1988-89	1	0	1	0	0	0	103	43	148	2	1.4%	2	1.4%
1983-84	4	0	0	*	1	3	86	27	121	8	6.6%	5	4.1%
1978-79	2	0	0	*	0	0	90	33	125	2	1.6%	2	1.6%

* Mexican Americans were included in the group "Puerto Rican and Chicano" prior to 1988-89. This group is listed under Puerto Rican in this table for the appropriate years.

** Includes undeclared.

*** Underrepresented minority students include African Americans, Native Americans, Puerto Ricans, Mexican Americans, and Other Hispanics. Total minority students include these five groups plus Asian Americans.

Table D-3. Doctoral Recipients by Area, Ethnicity, and Citizenship, Selected Years, 1978-79 through 2003-04

Physical Sciences

Year	U.S. Citizens and Permanent Residents by Ethnicity							Foreign n	Total N	Minority Students***			
	African American	Native American	Puerto Rican	Mexican American	Other Hispanic	Asian American	Caucasian**			All		Under-represented	
	n	n	n	n	n	n	n			n	%	n	%
2003-04	1	0	0	0	2	6	60	96	165	9	5.5%	3	1.8%
2002-03	1	0	1	1	1	2	76	63	145	6	4.1%	4	2.8%
2001-02	3	1	1	0	3	8	47	62	125	16	12.8%	8	6.4%
2000-01	0	1	1	0	2	10	72	68	154	14	9.1%	4	2.6%
1999-00	1	1	1	2	3	9	75	69	161	17	10.6%	8	5.0%
1993-94	3	0	0	1	0	15	118	94	231	19	8.2%	4	1.7%
1988-89	1	0	0	0	1	10	123	52	187	12	6.4%	2	1.1%
1983-84	0	0	2	*	1	3	91	52	149	6	4.0%	3	2.0%
1978-79	1	0	0	*	1	5	72	36	115	7	6.1%	2	1.7%

Social Sciences

Year	U.S. Citizens and Permanent Residents by Ethnicity							Foreign n	Total N	Minority Students***			
	African American	Native American	Puerto Rican	Mexican American	Other Hispanic	Asian American	Caucasian**			All		Under-represented	
	n	n	n	n	n	n	n			n	%	n	%
2003-04	6	0	1	2	0	3	37	44	93	12	12.9%	9	9.7%
2002-03	3	1	0	1	1	3	40	31	80	9	11.3%	6	7.5%
2001-02	5	0	2	1	0	5	41	38	92	13	14.1%	8	8.7%
2000-01	7	2	0	0	2	2	36	42	91	13	14.3%	11	12.1%
1999-00	3	0	0	0	1	1	50	47	102	5	4.9%	4	3.9%
1993-94	2	1	0	0	1	4	67	67	142	8	5.6%	4	2.8%
1988-89	1	0	2	0	1	0	60	28	92	4	4.3%	4	4.3%
1983-84	3	2	1	*	0	1	65	41	113	7	6.2%	6	5.3%
1978-79	3	0	0	*	0	0	92	35	130	3	2.3%	3	2.3%

* Mexican Americans were included in the group "Puerto Rican and Chicano" prior to 1988-89. This group is listed under Puerto Rican in this table for the appropriate years.

** Includes undeclared.

*** Underrepresented minority students include African Americans, Native Americans, Puerto Ricans, Mexican Americans, and Other Hispanics. Total minority students include these five groups plus Asian Americans.

Table D-3. Doctoral Recipients by Area, Ethnicity, and Citizenship, Selected Years, 1978-79 through 2003-04

Summary

Year	U.S. Citizens and Permanent Residents by Ethnicity							Foreign n	Total N	Minority Students***			
	African American n	Native American n	Puerto Rican n	Mexican American n	Other Hispanic n	Asian American n	Caucasian** n			All		Under-represented	
	n	n	n	n	n	n	n	n	N	n	%	n	%
2003-04	10	3	1	5	6	17	171	200	413	42	10.2%	25	6.1%
2002-03	6	1	1	3	4	13	212	171	411	28	6.8%	15	3.6%
2001-02	13	2	5	6	6	20	171	159	382	52	13.6%	32	8.4%
2000-01	10	4	2	2	5	21	208	166	418	44	10.5%	23	5.5%
1999-00	8	2	3	3	4	19	229	180	448	39	8.7%	20	4.5%
1993-94	8	3	2	2	2	22	302	231	572	39	6.8%	17	3.0%
1988-89	4	0	4	1	2	10	318	132	471	21	4.5%	11	2.3%
1983-84	7	2	5	*	3	8	278	122	425	25	5.9%	17	4.0%
1978-79	7	0	0	*	2	5	288	113	415	14	3.4%	9	2.2%

* Mexican Americans were included in the group "Puerto Rican and Chicano" prior to 1988-89. This group is listed under Puerto Rican in this table for the appropriate years.

** Includes undeclared.

*** Underrepresented minority students include African Americans, Native Americans, Puerto Ricans, Mexican Americans, and Other Hispanics. Total minority students include these five groups plus Asian Americans.

Table D-4. Master's Recipients* by Area, Citizenship and Gender, Selected Years, 1978-79 through 2003-04

Area	Year	Total N	Citizenship				Gender				U.S. Citizens & Per. Res.				Foreign			
			U. S.		Foreign		Female		Male		Females		Males		Females		Males	
			n	%	n	%	n	%	n	%	n	% of Total	n	% of Total	n	% of Total	n	% of Total
Humanities																		
	2003-04	74	47	64%	27	36%	42	57%	32	43%	23	31%	24	32%	19	26%	8	11%
	2002-03	81	58	72%	23	28%	33	41%	48	59%	20	25%	38	47%	13	16%	10	12%
	2001-02	81	53	65%	28	35%	33	41%	48	59%	21	26%	32	40%	12	15%	16	20%
	2000-01	82	59	72%	23	28%	44	54%	38	46%	35	43%	24	29%	9	11%	14	17%
	1999-00	96	78	81%	18	19%	47	49%	49	51%	38	40%	40	42%	9	9%	9	9%
	1993-94	93	73	78%	20	22%	48	52%	45	48%	39	42%	34	37%	9	10%	11	12%
	1988-89	107	89	83%	18	17%	49	46%	58	54%	41	38%	48	45%	8	7%	10	9%
	1983-84	103	90	87%	13	13%	46	45%	57	55%	39	38%	51	50%	7	7%	6	6%
	1978-79	66	56	85%	10	15%	21	32%	45	68%	19	29%	37	56%	2	3%	8	12%
Biological Sciences																		
	2003-04	77	46	60%	31	40%	48	62%	29	38%	29	38%	17	22%	19	25%	12	16%
	2002-03	87	66	76%	21	24%	53	61%	34	39%	39	45%	27	31%	14	16%	7	8%
	2001-02	91	68	75%	23	25%	52	57%	39	43%	41	45%	27	30%	11	12%	12	13%
	2000-01	73	50	68%	23	32%	40	55%	33	45%	31	42%	19	26%	9	12%	14	19%
	1999-00	68	54	79%	14	21%	39	57%	29	43%	35	51%	19	28%	4	6%	10	15%
	1993-94	86	54	63%	32	37%	50	58%	36	42%	33	38%	21	24%	17	20%	15	17%
	1988-89	96	59	61%	37	39%	48	50%	48	50%	35	36%	24	25%	13	14%	24	25%
	1983-84	107	82	77%	25	23%	62	58%	45	42%	52	49%	30	28%	10	9%	15	14%
	1978-79	110	84	76%	26	24%	49	45%	61	55%	43	39%	41	37%	6	5%	20	18%

*Includes thesis M.A./M.S., non-thesis M.A./M.S., and all professional master's degrees

Table D-4. Master's Recipients* by Area, Citizenship and Gender, Selected Years, 1978-79 through 2003-04

Area	Year	Total N	Citizenship				Gender				U.S. Citizens & Per. Res.				Foreign			
			U. S.		Foreign		Female		Male		Females		Males		Females		Males	
			n	%	n	%	n	%	n	%	n	% of Total	n	% of Total	n	% of Total	n	% of Total

Physical Sciences

2003-04	654	419	64%	235	36%	146	22%	508	78%	93	14%	326	50%	53	8%	182	28%
2002-03	612	381	62%	231	38%	120	20%	492	80%	69	11%	312	51%	51	8%	180	29%
2001-02	585	329	56%	256	44%	130	22%	455	78%	70	12%	259	44%	60	10%	196	34%
2000-01	505	251	50%	254	50%	113	22%	392	78%	55	11%	196	39%	58	11%	196	39%
1999-00	430	261	61%	169	39%	90	21%	340	79%	56	13%	205	48%	34	8%	135	31%
1993-94	450	265	59%	185	41%	84	19%	366	81%	59	13%	206	46%	25	6%	160	36%
1988-89	387	255	66%	132	34%	80	21%	307	79%	65	17%	190	49%	15	4%	117	30%
1983-84	373	262	70%	111	30%	58	16%	315	84%	44	12%	218	58%	14	4%	97	26%
1978-79	315	229	73%	86	27%	29	9%	286	91%	24	8%	205	65%	5	2%	81	26%

Social Sciences

2003-04	491	272	55%	219	45%	246	50%	245	50%	137	28%	135	27%	109	22%	110	22%
2002-03	439	260	59%	179	41%	216	49%	223	51%	138	31%	122	28%	78	18%	101	23%
2001-02	478	268	56%	210	44%	243	51%	235	49%	154	32%	114	24%	89	19%	121	25%
2000-01	487	294	60%	193	40%	232	48%	255	52%	152	31%	142	29%	80	16%	113	23%
1999-00	434	216	50%	218	50%	218	50%	216	50%	123	28%	93	21%	95	22%	123	28%
1993-94	434	284	65%	150	35%	194	45%	240	55%	141	32%	143	33%	53	12%	97	22%
1988-89	319	207	65%	112	35%	163	51%	156	49%	120	38%	87	27%	43	13%	69	22%
1983-84	307	210	68%	97	32%	139	45%	168	55%	110	36%	100	33%	29	9%	68	22%
1978-79	275	235	85%	40	15%	103	37%	172	63%	90	33%	145	53%	13	5%	27	10%

*Includes thesis M.A./M.S., non-thesis M.A./M.S., and all professional master's degrees

Table D-4. Master's Recipients* by Area, Citizenship and Gender, Selected Years, 1978-79 through 2003-04

Summary	Total N	Citizenship				Gender				U.S. Citizens & Per. Res.				Foreign			
		U. S.		Foreign		Female		Male		Females		Males		Females		Males	
		n	%	n	%	n	%	n	%	n	% of Total	n	% of Total	n	% of Total	n	% of Total
2003-04	1296	784	60%	512	40%	482	37%	814	63%	282	22%	502	39%	200	15%	312	24%
2002-03	1219	765	63%	454	37%	422	35%	797	65%	266	22%	499	41%	156	13%	298	24%
2001-02	1235	718	58%	517	42%	458	37%	777	63%	286	23%	432	35%	172	14%	345	28%
2000-01	1147	654	57%	493	43%	429	37%	718	63%	273	24%	381	33%	156	14%	337	29%
1999-00	1028	609	59%	419	41%	394	38%	634	62%	252	25%	357	35%	142	14%	277	27%
1993-94	1063	676	64%	387	36%	376	35%	687	65%	272	26%	404	38%	104	10%	283	27%
1988-89	909	610	67%	299	33%	340	37%	569	63%	261	29%	349	38%	79	9%	220	24%
1983-84	890	644	72%	246	28%	305	34%	585	66%	245	28%	399	45%	60	7%	186	21%
1978-79	766	604	79%	162	21%	202	26%	564	74%	176	23%	428	56%	26	3%	136	18%

*Includes thesis M.A./M.S., non-thesis M.A./M.S., and all professional master's degrees.

Table D-5. Master's Recipients*** by Area, Ethnicity, and Citizenship, Selected Years, 1978-79 through 2003-04

Humanities

Year	U.S. Citizens and Permanent Residents by Ethnicity							Foreign n	Total N	Minority Students***			
	African American	Native American	Puerto Rican	Mexican American	Other Hispanic	Asian American	Caucasian**			All		Under-represented	
	n	n	n	n	n	n	n			n	%	n	%
2003-04	6	0	1	2	2	3	33	27	74	14	18.9%	11	14.9%
2002-03	2	1	0	4	0	4	47	23	81	11	13.6%	7	8.6%
2001-02	0	1	1	2	1	4	44	28	81	9	11.1%	5	6.2%
2000-01	7	5	1	0	4	4	38	23	82	21	25.6%	17	20.7%
1999-00	7	1	2	5	0	9	53	18	95	24	25.3%	15	15.8%
1993-94	5	2	1	2	2	3	58	20	93	15	16.1%	12	12.9%
1988-89	0	0	0	1	2	2	84	18	107	5	4.7%	3	2.8%
1983-84	3	0	2	*	1	1	83	13	103	7	6.8%	6	5.8%
1978-79	3	0	1	*	0	0	52	10	66	4	6.1%	4	6.1%

Biological Sciences

Year	U.S. Citizens and Permanent Residents by Ethnicity							Foreign n	Total N	Minority Students***			
	African American	Native American	Puerto Rican	Mexican American	Other Hispanic	Asian American	Caucasian**			All		Under-represented	
	n	n	n	n	n	n	n			n	%	n	%
2003-04	0	0	1	0	1	3	41	31	77	5	6.5%	2	2.6%
2002-03	0	2	0	0	0	2	62	21	87	4	4.6%	2	2.3%
2001-02	2	0	1	3	3	4	55	23	91	13	14.3%	9	9.9%
2000-01	0	0	0	0	0	5	45	23	73	5	6.8%	0	0.0%
1999-00	2	0	0	0	1	4	45	15	67	7	10.4%	3	4.5%
1993-94	0	0	0	0	1	4	49	32	86	5	5.8%	1	1.2%
1988-89	0	0	1	0	3	2	53	37	96	6	6.3%	4	4.2%
1983-84	3	1	0	*	1	0	77	25	107	5	4.7%	5	4.7%
1978-79	2	0	0	*	0	2	80	26	110	4	3.6%	2	1.8%

* Mexican Americans were included in the group "Puerto Rican and Chicano" prior to 1988-89.

** Includes undeclared.

*** Underrepresented minority students include African Americans, Native Americans, Puerto Ricans, Mexican Americans, and Other Hispanics. Total minority students include these five groups plus Asian Americans.

**** Includes thesis M.A./M.S., non-thesis M.A./M.S., and all professional master's degrees.

Table D-5. Master's Recipients*** by Area, Ethnicity, and Citizenship, Selected Years, 1978-79 through 2003-04

Physical Sciences

Year	U.S. Citizens and Permanent Residents by Ethnicity							Foreign n	Total N	Minority Students***			
	African American	Native American	Puerto Rican	Mexican American	Other Hispanic	Asian American	Caucasian**			All		Under-represented	
	n	n	n	n	n	n	n			n	%	n	%
2003-04	6	3	9	2	6	125	268	235	654	151	23.1%	26	4.0%
2002-03	10	2	3	3	7	127	229	231	612	152	24.8%	25	4.1%
2001-02	3	0	11	2	7	100	206	256	585	123	21.0%	23	3.9%
2000-01	13	1	6	1	5	72	153	254	505	98	19.4%	26	5.1%
1999-00	11	0	4	3	6	60	174	168	426	84	19.7%	24	5.6%
1993-94	9	0	4	0	4	42	206	185	450	59	13.1%	17	3.8%
1988-89	11	1	10	0	5	30	198	132	387	57	14.7%	27	7.0%
1983-84	6	0	3	*	3	15	235	111	373	27	7.2%	12	3.2%
1978-79	0	0	2	*	2	8	217	86	315	12	3.8%	4	1.3%

Social Sciences

Year	U.S. Citizens and Permanent Residents by Ethnicity							Foreign n	Total N	Minority Students***			
	African American	Native American	Puerto Rican	Mexican American	Other Hispanic	Asian American	Caucasian**			All		Under-represented	
	n	n	n	n	n	n	n			n	%	n	%
2003-04	19	3	6	3	8	27	206	219	491	66	13.4%	39	7.9%
2002-03	12	2	3	6	8	28	201	179	439	59	13.4%	31	7.1%
2001-02	27	1	5	3	13	32	187	210	478	81	16.9%	49	10.3%
2000-01	21	0	4	3	5	21	240	193	487	54	11.1%	33	6.8%
1999-00	15	2	3	3	1	25	164	215	428	49	11.4%	24	5.6%
1993-94	16	2	2	3	6	19	236	150	434	48	11.1%	29	6.7%
1988-89	13	1	2	0	0	6	185	112	319	22	6.9%	16	5.0%
1983-84	9	1	3	*	2	1	194	97	307	16	5.2%	15	4.9%
1978-79	2	1	3	*	4	2	223	40	275	12	4.4%	10	3.6%

* Mexican Americans were included in the group "Puerto Rican and Chicano" prior to 1988-89.

** Includes undeclared.

*** Underrepresented minority students include African Americans, Native Americans, Puerto Ricans, Mexican Americans, and Other Hispanics.

Total minority students include these five groups plus Asian Americans.

**** Includes thesis M.A./M.S., non-thesis M.A./M.S., and all professional master's degrees.

Table D-5. Master's Recipients*** by Area, Ethnicity, and Citizenship,
Selected Years, 1978-79 through 2003-04

Summary

Year	U.S. Citizens and Permanent Residents by Ethnicity							Foreign n	Total N	Minority Students***			
	African American n	Native American n	Puerto Rican n	Mexican American n	Other Hispanic n	Asian American n	Caucasian** n			All		Under- represented	
										n	%	n	%
2003-04	31	6	17	7	17	158	548	512	1296	236	18.2%	78	6.0%
2002-03	24	7	6	13	15	161	539	454	1219	226	18.5%	65	5.3%
2001-02	32	2	18	10	24	140	492	517	1235	226	18.3%	86	7.0%
2000-01	41	6	11	4	14	102	476	493	1147	178	15.5%	76	6.6%
1999-00	35	3	9	11	8	98	436	416	1016	164	16.1%	66	6.5%
1993-94	30	4	7	5	13	68	549	387	1063	127	11.9%	59	5.6%
1988-89	24	2	13	1	10	40	520	299	908	90	9.9%	50	5.5%
1983-84	21	2	8	*	7	17	589	246	890	55	6.2%	38	4.3%
1978-79	7	1	6	*	6	12	572	162	766	32	4.2%	20	2.6%

* Mexican Americans were included in the group "Puerto Rican and Chicano" prior to 1988-89.

** Includes undeclared.

*** Underrepresented minority students include African Americans, Native Americans, Puerto Ricans, Mexican Americans, and Other Hispanics.

Total minority students include these five groups plus Asian Americans.

**** Includes thesis M.A./M.S., non-thesis M.A./M.S., and all professional master's degrees.

Table D-6. Type of Degree Awarded by Field, 2003-2004

Summary	Total Degrees	Doctoral Degrees*	Total Master's	M.A./M.S.	Prof. Master's
Humanities	112	38	74	51	23
Biological Sciences	194	117	77	64	13
Physical Sciences	819	165	654	212	442
Social Sciences	584	93	491	122	369
Grand Totals	1709	413	1296	449	847

Humanities	Total Degrees	Doctoral Degrees*	Total Master's	M.A./M.S.	Prof. Master's
Architecture	10	0	10	1	9
Art	7	0	7	0	7
Classics	7	5	2	2	0
Comparative Literature	3	2	1	1	0
East Asian Literature	2	0	2	2	0
English Language and Literature	28	9	19	12	7
Germanic Studies	4	0	4	4	0
History	7	4	3	3	0
History of Art and Archaeology	4	1	3	3	0
Medieval Studies	2	1	1	1	0
Music	9	5	4	4	0
Near Eastern Studies	1	1	0	0	0
Philosophy	7	0	7	7	0
Romance Studies	13	7	6	6	0
Science and Technology Studies	2	1	1	1	0
Slavic Studies	0	0	0	0	0
Theatre Arts	6	2	4	4	0

Biological Sciences	Total Degrees	Doctoral Degrees*	Total Master's	M.A./M.S.	Prof. Master's
Animal Breeding	0	0	0	0	0
Animal Science	12	6	6	6	0
Biochemistry, Molecular and Cell Biology	11	11	0	0	0
Biometry	3	1	2	2	0
Biophysics	2	2	0	0	0
Comparative Biomedical Sciences	2	2	0	0	0
Ecology and Evolutionary Biology	7	5	2	2	0
Entomology	6	3	3	3	0
Environmental Toxicology	2	1	1	1	0
Floriculture and Ornamental Horticulture	10	1	9	3	6
Food Science and Technology	28	10	18	17	1
Genetics and Development	5	5	0	0	0
Immunology	2	2	0	0	0
Microbiology	4	3	1	1	0
Natural Resources	21	4	17	14	3
Neurobiology and Behavior	9	9	0	0	0
Nutrition	10	5	5	5	0
Pharmacology	3	3	0	0	0
Physiology	2	2	0	0	0
Plant Biology	9	7	2	2	0
Plant Breeding	7	7	0	0	0
Plant Pathology	9	8	1	1	0
Plant Protection	2	0	2	0	2
Pomology	3	2	1	0	1
Psychology	10	10	0	0	0
Soil and Crop Sciences	12	7	5	5	0
Vegetable Crops	1	0	1	1	0
Zoology	2	1	1	1	0

*Includes professional doctorates in field of Music.

Table D-6. Type of Degree Awarded by Field, 2003-2004

Physical Sciences	Total Degrees	Doctoral Degrees*	Total Master's	M.A./M.S.	Prof. Master's
Aerospace Engineering	13	1	12	2	10
Agricultural and Biological Engineering	36	8	28	10	18
Applied Mathematics	13	6	7	7	0
Applied Physics	29	9	20	14	6
Astronomy and Space Sciences	10	4	6	6	0
Atmospheric Science	4	0	4	4	0
Biomedical Engineering	1	0	1	1	0
Chemical Engineering	27	11	16	3	13
Chemistry and Chemical Biology	50	22	28	28	0
Civil and Environmental Engineering	59	8	51	9	42
Computer Science	146	10	136	24	112
Electrical and Computer Engineering	167	31	136	31	105
Geological Sciences	6	4	2	2	0
Materials Science and Engineering	25	11	14	9	5
Mathematics	19	6	13	13	0
Mechanical Engineering	58	6	52	11	41
Nuclear Science and Engineering	1	1	0	0	0
Operations Research	85	5	80	7	73
Physics	43	18	25	25	0
Systems Engineering	17	0	17	0	17
Textiles	4	0	4	4	0
Theoretical and Applied Mechanics	6	4	2	2	0

Social Sciences	Total Degrees	Doctoral Degrees*	Total Master's	M.A./M.S.	Prof. Master's
African and African-American Studies	3	0	3	0	3
Applied Economics and Management	26	8	18	12	6
Anthropology	15	10	5	5	0
Archaeology	0	0	0	0	0
Asian Studies	12	0	12	12	0
City and Regional Planning	34	5	29	4	25
Communication	10	4	6	6	0
Community and Rural Development	4	0	4	0	4
Design and Environmental Analysis	11	0	11	11	0
Development Sociology	5	2	3	3	0
Economics	27	12	15	15	0
Education	31	6	25	2	23
Government	26	12	14	14	0
Hotel Administration	59	1	58	0	58
Human Development	7	4	3	3	0
Industrial and Labor Relations	74	3	71	5	66
International Agriculture and Rural Development	4	0	4	0	4
International Development	7	0	7	0	7
Landscape Architecture	10	0	10	0	10
Law	73	3	70	0	70
Linguistics	12	4	8	8	0
Management	15	5	10	10	0
Policy Analysis and Management	25	6	19	1	18
Public Affairs	39	0	39	0	39
Real Estate	24	0	24	0	24
Regional Science	3	1	2	2	0
Sociology	7	2	5	5	0
Statistics	21	5	16	4	12

*Includes professional doctorates in fields of Music and Law.

Table D-7. Master's Degrees and Doctorates by Field, Gender, Citizenship, and Minority Status, 2003-04

Summary	M.A., M.S., and Professional Masters						Doctorates*					
	Total	Gender		Citizenship		All	Total	Gender		Citizenship		All
		Females	Males	U.S.	Foreign	Min. †		Females	Males	U.S.	Foreign	Min. †
Humanities	74	42	32	47	27	14	38	18	20	27	11	10
Biological Sciences	77	48	29	46	31	5	117	52	65	68	49	11
Physical Sciences	654	146	508	419	235	151	165	25	140	69	96	9
Social Sciences	491	246	245	272	219	66	93	44	49	49	44	12
Grand Totals	1296	482	814	784	512	236	413	139	274	213	200	42

Humanities	M.A., M.S., and Professional Masters						Doctorates*					
	Total	Gender		Citizenship		All	Total	Gender		Citizenship		All
		Females	Males	U.S.	Foreign	Min. †		Females	Males	U.S.	Foreign	Min. †
Architecture	10	6	4	5	5	2	0	0	0	0	0	0
Art	7	5	2	7	0	2	0	0	0	0	0	0
Classics	2	2	0	1	1	1	5	2	3	4	1	0
Comparative Literature	1	0	1	1	0	0	2	1	1	0	2	0
East Asian Literature	2	2	0	1	1	0	0	0	0	0	0	0
English Language and Literature	19	8	11	14	5	7	9	6	3	9	0	5
Germanic Studies	4	1	3	3	1	0	0	0	0	0	0	0
History	3	1	2	0	3	0	4	3	1	3	1	1
History of Art and Archaeology	3	2	1	2	1	1	1	1	0	1	0	0
Medieval Studies	1	1	0	1	0	0	1	0	1	1	0	0
Music	4	4	0	2	2	0	5	1	4	2	3	0
Near Eastern Studies	0	0	0	0	0	0	1	0	1	1	0	0
Philosophy	7	4	3	5	2	0	0	0	0	0	0	0
Romance Studies	6	3	3	2	4	0	7	4	3	4	3	3
Science and Technology Studies	1	1	0	0	1	0	1	0	1	0	1	0
Slavic Studies	0	0	0	0	0	0	0	0	0	0	0	0
Theatre Arts	4	2	2	3	1	1	2	0	2	2	0	1

* Includes Professional Doctorates in Fields of Music and Law.

† 'All Min.' - All minorities include African American, Native American, Puerto Rican, Mexican American, Other Hispanic, and Asian American.

Table D-7. Master's Degrees and Doctorates by Field, Gender, Citizenship, and Minority Status, 2003-04

Biological Sciences	M.A., M.S., and Professional Masters						Doctorates					
	Total	Gender		Citizenship		All	Total	Gender		Citizenship		All
		Females	Males	U.S.	Foreign	Min. †		Females	Males	U.S.	Foreign	Min. †
Animal Breeding	0	0	0	0	0	0	0	0	0	0	0	0
Animal Science	6	5	1	4	2	0	6	2	4	5	1	0
Biochemistry, Molecular and Cell Biology	0	0	0	0	0	0	11	5	6	7	4	2
Biometry	2	1	1	1	1	1	1	0	1	0	1	0
Biophysics	0	0	0	0	0	0	2	1	1	1	1	0
Comparative Biomedical Sciences	0	0	0	0	0	0	2	1	1	2	0	0
Ecology and Evolutionary Biology	2	2	0	1	1	0	5	0	5	5	0	0
Entomology	3	2	1	2	1	0	3	0	3	2	1	0
Environmental Toxicology	1	1	0	1	0	0	1	0	1	0	1	0
Floriculture and Ornamental Horticulture	9	3	6	7	2	0	1	0	1	0	1	0
Food Science and Technology	18	12	6	6	12	1	10	4	6	2	8	2
Genetics and Development	0	0	0	0	0	0	5	3	2	4	1	1
Immunology	0	0	0	0	0	0	2	2	0	2	0	0
Microbiology	1	1	0	0	1	0	3	2	1	2	1	1
Natural Resources	17	9	8	11	6	2	4	1	3	4	0	0
Neurobiology and Behavior	0	0	0	0	0	0	9	4	5	6	3	1
Nutrition	5	5	0	3	2	1	5	5	0	4	1	1
Pharmacology	0	0	0	0	0	0	3	2	1	1	2	1
Physiology	0	0	0	0	0	0	2	1	1	1	1	1
Plant Biology	2	2	0	2	0	0	7	5	2	4	3	1
Plant Breeding	0	0	0	0	0	0	7	2	5	1	6	0
Plant Pathology	1	1	0	1	0	0	8	4	4	2	6	0
Plant Protection	2	1	1	2	0	0	0	0	0	0	0	0
Pomology	1	0	1	1	0	0	2	1	1	1	1	0
Psychology	0	0	0	0	0	0	10	4	6	8	2	0
Soil and Crop Sciences	5	2	3	3	2	0	7	3	4	3	4	0
Vegetable Crops	1	0	1	1	0	0	0	0	0	0	0	0
Zoology	1	1	0	0	1	0	1	0	1	1	0	0

† 'All Min.' - All minorities include African American, Native American, Puerto Rican, Mexican American, Other Hispanic, and Asian American.

Table D-7. Master's Degrees and Doctorates by Field, Gender, Citizenship, and Minority Status, 2003-04

Physical Sciences	M.A., M.S., and Professional Masters						Doctorates					
	Total	Gender		Citizenship		All	Total	Gender		Citizenship		All
		Females	Males	U.S.	Foreign	Min. †		Females	Males	U.S.	Foreign	Min. †
Aerospace Engineering	12	0	12	9	3	0	1	0	1	0	1	0
Agricultural and Biological Engineering	28	15	13	23	5	9	8	4	4	4	4	0
Applied Mathematics	7	3	4	7	0	2	6	1	5	1	5	1
Applied Physics	20	2	18	15	5	3	9	1	8	7	2	0
Astronomy and Space Sciences	6	1	5	3	3	0	4	0	4	1	3	1
Atmospheric Science	4	1	3	1	3	0	0	0	0	0	0	0
Biomedical Engineering	1	1	0	1	0	1	0	0	0	0	0	0
Chemical Engineering	16	6	10	12	4	7	11	3	8	4	7	1
Chemistry and Chemical Biology	28	14	14	22	6	3	22	4	18	12	10	1
Civil and Environmental Engineering	51	11	40	35	16	9	8	1	7	2	6	1
Computer Science	136	16	120	77	59	32	10	0	10	2	8	1
Electrical and Computer Engineering	136	21	115	84	52	39	31	3	28	8	23	1
Geological Sciences	2	1	1	2	0	0	4	0	4	2	2	0
Materials Science and Engineering	14	4	10	10	4	4	11	3	8	2	9	1
Mathematics	13	2	11	5	8	0	6	2	4	5	1	0
Mechanical Engineering	52	11	41	39	13	12	6	0	6	1	5	0
Nuclear Science and Engineering	0	0	0	0	0	0	1	0	1	1	0	0
Operations Research	80	24	56	47	33	24	5	0	5	2	3	0
Physics	25	6	19	11	14	2	18	3	15	13	5	1
Systems Engineering	17	4	13	15	2	4	0	0	0	0	0	0
Textiles	4	3	1	0	4	0	0	0	0	0	0	0
Theoretical and Applied Mechanics	2	0	2	1	1	0	4	0	4	2	2	0

† 'All Min.' - All minorities include African American, Native American, Puerto Rican, Mexican American, Other Hispanic, and Asian American.

Table D-7. Master's Degrees and Doctorates by Field, Gender, Citizenship, and Minority Status, 2003-04

Social Sciences	M.A., M.S., and Professional Masters						Doctorates*					
	Total	Gender		Citizenship		All	Total	Gender		Citizenship		All
		Females	Males	U.S.	Foreign	Min. †		Females	Males	U.S.	Foreign	Min. †
African and African-American Studies	3	1	2	3	0	3	0	0	0	0	0	0
Applied Economics and Management	18	10	8	8	10	2	8	4	4	2	6	0
Anthropology	5	4	1	3	2	1	10	5	5	4	6	1
Archaeology	0	0	0	0	0	0	0	0	0	0	0	0
Asian Studies	12	5	7	8	4	0	0	0	0	0	0	0
City and Regional Planning	29	16	13	27	2	8	5	4	1	4	1	1
Communication	6	6	0	5	1	0	4	2	2	4	0	1
Community and Rural Development	4	3	1	2	2	0	0	0	0	0	0	0
Design and Environmental Analysis	11	9	2	7	4	1	0	0	0	0	0	0
Development Sociology	3	0	3	0	3	0	2	1	1	1	1	1
Economics	15	6	9	5	10	0	12	3	9	2	10	0
Education	25	14	11	24	1	2	6	3	3	6	0	0
Government	14	4	10	8	6	1	12	4	8	7	5	4
Hotel Administration	58	26	32	27	31	10	1	0	1	0	1	0
Human Development	3	2	1	1	2	0	4	3	1	4	0	1
Industrial and Labor Relations	71	44	27	52	19	12	3	1	2	2	1	0
International Agriculture and Rural Development	4	1	3	2	2	2	0	0	0	0	0	0
International Development	7	4	3	1	6	1	0	0	0	0	0	0
Landscape Architecture	10	9	1	8	2	1	0	0	0	0	0	0
Law	70	29	41	13	57	4	3	1	2	0	3	0
Linguistics	8	3	5	5	3	3	4	1	3	2	2	0
Management	10	5	5	5	5	0	5	3	2	3	2	1
Policy Analysis and Management	19	11	8	15	4	6	6	4	2	4	2	2
Public Affairs	39	21	18	20	19	7	0	0	0	0	0	0
Real Estate	24	2	22	12	12	1	0	0	0	0	0	0
Regional Science	2	1	1	0	2	0	1	1	0	1	0	0
Sociology	5	0	5	5	0	0	2	2	0	1	1	0
Statistics	16	10	6	6	10	1	5	2	3	2	3	0

† 'All Min.' - All minorities include African American, Native American, Puerto Rican, Mexican American, Other Hispanic, and Asian American.

Table F-1. Graduate Faculty by Field and Colleges Represented, 2003-2004

Field	Number of Faculty			Colleges Represented in Field
	Primary	Secondary	Total	
Aerospace Engineering	2	26	28	EN
African and African-American Studies	9	7	16	AS, HE
Agricultural and Biological Engineering	23	8	31	AG, AS, EN
American Indian Studies	0	9	9	AG, AR, AS
Animal Breeding	3	4	7	AG, VM
Animal Science	26	12	38	AG, VM
Anthropology	20	6	26	AG, AS, HE, LA
Applied Economics and Management	39	5	44	AG, AS, EN, HE
Applied Mathematics	0	84	84	AG, AS, EN, GM
Applied Physics	16	29	45	AG, AS, EN
Archaeology	0	12	12	AG, AS
Architecture	25	5	30	AG, AR, AS, HE
Art	16	0	16	AR
Asian Religions	0	9	9	AS
Asian Studies	11	38	49	AG, AS, GM, HE, IL, LA
Astronomy and Space Sciences	20	8	28	AS, EN
Atmospheric Science	4	10	14	AG, AS, EN
Biochemistry, Molecular & Cell Biology	19	29	48	AG, AS, EN, HE, VM
Biomedical Engineering	0	24	24	AG, AS, EN, HE, VM
Biometry	6	7	13	AG, AS, EN, HE, IL
Biophysics	0	23	23	AG, AS, EN, VM
Chemical Engineering	18	6	24	AG, EN
Chemistry and Chemical Biology	32	6	38	AS, EN, HE, VM
City and Regional Planning	21	4	25	AG, AR, AS
Civil and Environmental Engineering	29	5	34	AG, AR, EN
Classics	12	12	24	AG, AS
Cognitive Studies	0	58	58	AG, AS, EN, GM, HE
Communication	10	4	14	AG, AS, GM, HO
Community and Rural Development	0	28	28	AG, AR, HE, IL
Comparative Biomedical Sciences	61	39	100	AG, HE, VM
Comparative Literature	6	33	39	AS
Computer Science	42	16	58	AG, AR, AS, EN, HE
Conservation and Sustainable Development	0	30	30	AG, AR, AS
Design and Environmental Analysis	12	2	14	HE
Development Sociology	15	4	19	AG, AR, AS, HE, IL
East Asian Literature	2	9	11	AS
Ecology and Evolutionary Biology	28	25	53	AG, AS, EN
Economics	29	36	65	AG, AS, EN, GM, HE, IL, LA
Education	16	14	30	AG, AR, AS, HE, IL
Electrical and Computer Engineering	43	18	61	AG, EN
English Language and Literature	48	4	52	AS
Entomology	42	9	51	AG, AS, EN, VM
Environmental Quality	0	8	8	AG, EN
Environmental Toxicology	6	33	39	AG, AS, EN, HE, VM
Epidemiology	2	18	20	AG, EN, HE, VM
Feminist, Gender, & Sexuality Studies	0	73	73	AG, AR, AS, HE, IL, LA, VM
Film and Video Studies	1	12	13	AR, AS
Floriculture and Ornamental Horticulture	12	3	15	AG, HE
Food Science and Technology	26	12	38	AG, EN, HE, VM
Genetics and Development	11	26	37	AG, AS, VM
Geological Sciences	18	12	30	AG, AS, EN, HE
Germanic Studies	9	12	21	AS
Government	29	10	39	AG, AS, IL, LA
History	31	10	41	AS, EN, HE, IL
History of Art and Archaeology	11	6	17	AR, AS
Hotel Administration	42	1	43	AS, HO

AG=Ag. Life Sci.; AR=Arch., Art Planning; AS=Arts Sci.; EN=Engineering; GM=Johnson Graduate School of Management;
HE=Human Ecology; HO=Hotel; IL=Industrial Labor Relations; LA=Law School; VM=Vet. Med.

Table F-1. Graduate Faculty by Field and Colleges Represented, 2003-2004

Field	Number of Faculty			Colleges Represented in Field
	Primary	Secondary	Total	
Human Development	21	11	32	AS, HE
Immunology	10	8	18	AG, AS, EN, HE, VM
Industrial and Labor Relations	45	2	47	HO, IL, LA
International Agriculture & Rural Devel.	1	51	52	AG, AR, AS, EN
International Development	1	50	51	AG, AR, AS, EN, HE, IL
Landscape Architecture	10	8	18	AG, AR, AS, HE
Latin American Studies	0	27	27	AG, AR, AS, EN, HE, IL
Latino Studies	0	11	11	AR, AS, HE
Law	31	0	31	LA
Lesbian, Bisexual, and Gay Studies	0	23	23	AS, HE, IL
Linguistics	18	3	21	AS, HE
Management	46	6	52	AS, EN, GM, IL
Materials Science and Engineering	16	13	29	AS, EN
Mathematics	37	6	43	AS, EN
Mechanical Engineering	24	14	38	EN
Medieval Studies	0	26	26	AS
Microbiology	14	23	37	AG, AS, EN, VM
Music	19	3	22	AS
Natural Resources	33	7	40	AG
Near Eastern Studies	9	1	10	AS
Neurobiology and Behavior	20	18	38	AG, AS, EN, VM
Nuclear Science and Engineering	2	7	9	EN
Nutrition	35	17	52	AG, HE, VM
Operations Research	21	12	33	AG, AS, EN, GM, IL
Peace Studies and Peace Science	0	14	14	AG, AR, AS, EN
Pharmacology	9	11	20	AS, EN, VM
Philosophy	15	1	16	AS
Physics	52	3	55	AS, EN
Physiology	18	26	44	AG, AS, VM
Plant Biology	23	23	46	AG, AS
Plant Breeding	16	9	25	AG
Plant Pathology	37	2	39	AG
Plant Protection	0	23	23	AG
Policy Analysis and Management	15	16	31	AG, AS, GM, HE, IL
Pomology	16	2	18	AG, VM
Psychology	24	16	40	AG, AS, GM, HE, IL
Public Affairs	1	90	91	AG, AR, AS, EN, GM, HE, HO, IL, LA
Real Estate	1	19	20	AG, AR, EN, GM, HE, HO
Regional Science	0	16	16	AG, AR, AS, EN
Risk Analysis, Communication and Policy	0	21	21	AG, EN, HE, VM
Romance Studies	22	14	36	AR, AS
Science and Technology Studies	8	16	24	AG, AR, AS, EN, HE
Sociology	14	18	32	AG, AS, EN, HE, IL, VM
Soil and Crop Sciences	24	12	36	AG, EN
Statistics	0	25	25	AG, AS, EN, IL
Systems Engineering	1	18	19	AG, EN
Textiles	8	6	14	EN, HE
Theatre Arts	13	8	21	AS
Theoretical and Applied Mechanics	13	10	23	AS, EN
Urban Studies	0	12	12	AG, AR, AS, EN, LA
Vegetable Crops	9	5	14	AG
Water Resources	0	11	11	AG, EN
Zoology	3	19	22	AG, AS, EN, VM

Total Graduate Faculty Members	1658
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AG=Ag. Life Sci.; AR=Arch., Art Planning; AS=Arts Sci.; EN=Engineering; GM=Johnson Graduate School of Management; HE=Human Ecology; HO=Hotel; IL=Industrial Labor Relations; LA=Law School; VM=Vet. Med.

This list is a guide for students to use in the selection of their graduate program. A student selects a major subject and an area of concentration from among those listed under the field to which he or she was admitted. Minor subjects and concentrations may be chosen from the same field or other fields; however, fields of Special Committees may place restrictions on the choice of minor subjects. The degrees listed for each field apply to all subjects offered by the field unless the degrees are listed beside the subject to which they apply. Below are the explanations of typefaces and asterisks.

FIELD [DEGREE] (All capitals, bold face)

Subject (initial capitals, bold face)

concentration (all lower case, not bold face)

Minor field, subject or concentration (italics)

**Restricted to students in other fields*

AEROSPACE ENGINEERING [M.S., Ph.D., M.Eng.]
Aerospace Engineering
aerospace engineering
Aerodynamics
aerodynamics

AFRICAN AND AFRICAN-AMERICAN STUDIES [M.P.S.(A.A.A.)]
Africana Studies
African American studies
African studies

AGRICULTURAL AND BIOLOGICAL ENGINEERING [M.S., Ph.D., M.Eng., M.P.S.(A.L.S.)]
Agricultural and Biological Engineering
biological engineering
energy
environmental engineering
environmental management [M.P.S.(A.L.S.) only]
food processing engineering
international agriculture
local roads
machine systems
soil and water engineering
structures and environment

AGRICULTURAL ECONOMICS [M.S., Ph.D., M.P.S.(A.L.S.)]
Agricultural Economics
agricultural finance
applied econometrics and quantitative analysis
economics of development
environmental management [M.P.S.(A.L.S.) only]
farm management and production economics
marketing and food distribution
public policy analysis
Resource Economics
environmental economics
resource economics

AMERICAN INDIAN STUDIES
American Indian Studies
American Indian studies

ANIMAL BREEDING [M.S., Ph.D.]
Animal Breeding
animal breeding
animal genetics

ANIMAL SCIENCE [M.S., Ph.D., M.P.S.(A.L.S.)]
Animal Science
animal nutrition
animal science
physiology of reproduction

ANTHROPOLOGY [M.A., Ph.D.]
Anthropology
archaeological anthropology
biological anthropology
socio-cultural anthropology

APPLIED MATHEMATICS [Ph.D.]
Applied Mathematics
applied mathematics

APPLIED PHYSICS
Applied Physics [M.S., Ph.D.]
applied physics
Engineering Physics [M.Eng.]
engineering physics

ARCHAEOLOGY [M.A.]
Archaeology
environmental archaeology
historical archaeology
Latin American archaeology
medieval archaeology
Mediterranean and Near Eastern archaeology
Stone-age archaeology

ARCHITECTURE
Architectural Science [M.S.]
computer graphics
building technology and environmental science
History of Architecture and Urban Development [M.A., Ph.D.]
history of architecture
history of urban development
Architecture [M.Arch.I]
architecture
Design [M.Arch.II]
architectural design
urban design
theory and criticism of architecture

ART [M.F.A.]
Creative Visual Arts
painting
photography
printmaking
sculpture

ASIAN RELIGIONS [Ph.D.]
Asian Religions
Asian religions

ASIAN STUDIES [M.A.]
Asian Studies
East Asian studies
South Asian studies
Southeast Asian studies
East Asian linguistics
South Asian linguistics
Southeast Asian linguistics

ASTRONOMY AND SPACE SCIENCES [Ph.D.]
Astronomy
astronomy
astrophysics
infrared astronomy
planetary studies
radio astronomy
radiophysics
space sciences [general]
theoretical astrophysics

ATMOSPHERIC SCIENCE [M.S., Ph.D.]
Atmospheric Science
atmospheric science

BIOCHEMISTRY, MOLECULAR & CELL BIOLOGY [Ph.D.]
Biochemistry
biochemistry
biophysics
Molecular and Cell Biology
cell biology
molecular biology

BIOMEDICAL ENGINEERING [M.S., Ph.D.]
Biomedical Engineering
biomedical engineering

BIOMETRY [M.S., Ph.D.]
Biometry
biometry

BIOPHYSICS [Ph.D.]
Biophysics
biophysics

CHEMICAL ENGINEERING [M.S., Ph.D., M.Eng.]

Chemical Engineering

advanced materials processing
applied math and computational methods
biochemical engineering
chemical reaction engineering
classical and statistical thermodynamics
fluid dynamics, rheology, and biorheology
heat and mass transfer
kinetics and catalysis
polymers
surface science

CHEMISTRY AND CHEMICAL BIOLOGY [Ph.D.]

Chemistry and Chemical Biology

analytical chemistry
bio-organic chemistry
biophysical chemistry
chemical biology
chemical physics
inorganic chemistry
materials chemistry
organic chemistry
organometallic chemistry
physical chemistry
polymer chemistry
theoretical chemistry

CITY AND REGIONAL PLANNING

City and Regional Planning [Ph.D., M.R.P.]

city and regional planning
planning theory and systems analysis
regional science
urban and regional theory
urban planning history
environmental planning and design
international development planning
regional economics and development planning
social and health systems planning
Historic Preservation Planning [M.A.]
historic preservation planning

CIVIL AND ENVIRONMENTAL ENGINEERING [M.S., Ph.D., M.Eng.]

Civil and Environmental Engineering

environmental engineering
environmental fluid mechanics and hydrology
environmental systems engineering
geotechnical engineering
remote sensing
structural engineering
transportation systems engineering
water resource systems
engineering management [M.S. and M.Eng. students only]
structural mechanics

CLASSICS [Ph.D.]

Classics

ancient philosophy
classical archaeology
Greek and Latin language and linguistics
Greek language and literature
Latin language and literature
medieval and Renaissance Latin literature
ancient history
classical myth
classical rhetoric
Indo-European linguistics

COGNITIVE STUDIES

Cognitive Studies
cognitive studies

COMMUNICATION [M.S., M.S./Ph.D., Ph.D.]

Communication

communication
communication research methods
international communication
science and environmental communication
social psychology of communication
uses and effects of communication

COMMUNITY AND RURAL DEVELOPMENT [M.P.S.(C.R.D.)]

Community and Rural Development

community development process
economic development
local government organizations and operations
program development and planning

COMPARATIVE BIOMEDICAL SCIENCES [M.S., Ph.D.]

Veterinary Medicine

cellular and molecular medicine
developmental and reproductive biology
infectious diseases
population medicine and epidemiology
structural and functional biology

COMPARATIVE LITERATURE [Ph.D.]

Comparative Literature

comparative literature

COMPUTER SCIENCE [Ph.D., M.Eng.]

Computer Science

algorithms
applied logic and automated reasoning
artificial intelligence
computer graphics
computer science
computer vision
concurrency and distributed computing
information organization and retrieval
operating systems
parallel computing
programming environments
programming languages and methodology
robotics
scientific computing
theory of computation

CONSERVATION AND SUSTAINABLE DEVELOPMENT

Conservation and Sustainable Development

conservation and sustainable development

DESIGN AND ENVIRONMENTAL ANALYSIS

Design [M.A.]

interior design

Human-Environment Relations [M.S.]

applied research in human-environment relations
facilities planning and management
housing and design
human factors and ergonomics

DEVELOPMENT SOCIOLOGY

[M.S./Ph.D., Ph.D., M.P.S.(A.L.S.)]

Development Sociology

community and regional sociology
environmental management [M.P.S.(A.L.S.) only]
population and development
rural and environmental sociology
state, economy, and society
development sociology
methods of social research

EAST ASIAN LITERATURE [M.A., Ph.D.]

East Asian Literature

Asian religions
Chinese philology
classical Chinese literature
classical Japanese literature
Korean literature
modern Chinese literature
modern Japanese literature
Chinese linguistics
Japanese linguistics

ECOLOGY AND EVOLUTIONARY BIOLOGY [M.S., Ph.D.]

Ecology

animal ecology
applied ecology
biogeochemistry
community and ecosystem ecology
limnology
oceanography
physiological ecology
plant ecology
population ecology
theoretical ecology
vertebrate zoology

Evolutionary Biology

ecological genetics
paleobiology
population biology
systematics

ECONOMICS [Ph.D.]

Economics

applied economics
econometrics and economic statistics
economic development and planning
economic theory
industrial organization and control
international economics
labor economics
monetary and macro economics
public finance
basic analytical economics

EDUCATION

Education [M.S., Ph.D., M.P.S.(A.L.S.)]

adult and extension education
curriculum and instruction

Education [M.A.T.]

agricultural education
biology 7-12
chemistry 7-12
earth science 7-12
mathematics 7-12
physics 7-12

ELECTRICAL AND COMPUTER ENGINEERING [M.S./Ph.D., Ph.D., M.Eng.]

Electrical Engineering

computer engineering
electrical engineering
electrical systems
electrophysics

ENGLISH LANGUAGE AND LITERATURE

English Language and Literature
[Ph.D.]

African American literature
American literature after 1865
American literature to 1865
American studies
colonial and postcolonial literatures
cultural studies
dramatic literature
English poetry
lesbian, bisexual, and gay literary studies
literary criticism and theory
Old and Middle English
prose fiction
the English Renaissance to 1660
the nineteenth century
the Restoration and the eighteenth century
the twentieth century
women's literature

Creative Writing [M.F.A.]

creative writing [fiction or poetry]

ENTOMOLOGY [M.S., M.S./Ph.D., Ph.D.]

Entomology

acarology
apiculture
applied entomology
aquatic entomology
biological control
insect behavior
insect biochemistry
insect ecology
insect genetics
insect morphology
insect pathology
insect physiology
insect systematics
insect toxicology and insecticide chemistry
integrated pest management
medical and veterinary entomology
general entomology

ENVIRONMENTAL QUALITY

Environmental Quality
environmental quality

ENVIRONMENTAL TOXICOLOGY

[M.S., Ph.D.]

Environmental Toxicology

cellular and molecular toxicology
ecotoxicology and environmental chemistry
nutritional and food toxicology
risk assessment, management, and public policy

EPIDEMIOLOGY

Epidemiology

human and animal epidemiology

FEMINIST, GENDER, & SEXUALITY STUDIES

Feminist, Gender, & Sexuality Studies
feminist, gender, and sexuality studies

FILM AND VIDEO STUDIES

Film and Video Studies
film and video studies

FOOD SCIENCE AND TECHNOLOGY

Food Science and Technology [M.S., Ph.D., M.P.S.(A.L.S.)]

dairy science
food chemistry
food engineering
food microbiology
food processing waste technology
food science [general]
international food science
sensory evaluation

Food Science [M.F.S.]

food science

GENETICS AND DEVELOPMENT

[Ph.D.]

Genetics

developmental biology
genetics

GEOLOGICAL SCIENCES [M.S., Ph.D., M.Eng.]

Geological Sciences

economic geology
engineering geology
environmental geophysics
general geology
geobiology
geochemistry and isotope geology
geohydrology
geomorphology
geophysics
geotectonics
mineralogy
paleontology
petroleum geology
petrology
planetary geology
Precambrian geology
Quaternary geology
rock mechanics
sedimentology
seismology
stratigraphy
structural geology
marine geology

GERMANIC STUDIES [M.A., Ph.D.]

Germanic Studies

German area studies
German intellectual history
Germanic linguistics
Germanic literature
Old Norse

GOVERNMENT [Ph.D.]

Government

American politics
comparative politics
international relations
political thought
political methodology
public policy

HISTORY [M.A., Ph.D.]

History

African history
American history
ancient history
early modern European history
English history
French history
German history
history of science
Latin American history
medieval Chinese history
medieval history
modern Chinese history
modern European history
modern Japanese history
premodern Islamic history
premodern Japanese history

Renaissance history
Russian history

Southeast Asian history
American studies

HISTORY OF ART AND ARCHAEOLOGY [Ph.D.]

History of Art and Archaeology

American art
ancient art and archaeology
Asian art
baroque art
medieval art
modern art
Renaissance art
Southeast Asian art
theory and criticism

HORTICULTURE [M.S., Ph.D., M.P.S.(A.L.S.)]

Horticultural Biology

human-plant interactions
physiology and ecology of horticultural crops

Horticultural Crop and Landscape Management

breeding of horticultural crops
horticultural crop management systems

HOTEL ADMINISTRATION

Hotel Administration [M.S., Ph.D.]

hotel administration

Hospitality Management [M.M.H.]

hospitality management
financial management
food and beverage management
hotel accounting
human resource management
marketing
properties asset management
real estate management

HUMAN DEVELOPMENT [M.A., Ph.D.]

Developmental Psychology

cognitive development
developmental psychopathology
ecology of human development
social and personality development

Human Development and Family Studies

ecology of human development
family studies and the life course

IMMUNOLOGY [M.S., Ph.D.]

Immunology

cellular immunology
immunochemistry
immunogenetics
immunopathology
infection and immunity

INDUSTRIAL AND LABOR RELATIONS [M.S., Ph.D., M.I.L.R., M.P.S.(I.L.R.)]

Industrial and Labor Relations

collective bargaining, labor law, and labor history
economic and social statistics
human resource studies
international and comparative labor
labor economics
organizational behavior
*industrial and labor relations problems**

INTERNATIONAL AGRICULTURE AND RURAL DEVELOPMENT [M.P.S.(A.L.S.)]

International Agriculture and Rural Development

international agriculture and rural development

INTERNATIONAL DEVELOPMENT**[M.P.S.(I.D.)]****International Development**development policy
international nutrition
international planning
international population
science and technology policy**LANDSCAPE ARCHITECTURE [M.L.A.]****Landscape Architecture**

landscape architecture

LATIN AMERICAN STUDIES**Latin American Studies***Latin American studies***LATINO STUDIES****Latino Studies***latino studies***LAW [J.S.D.]****Law**

law

LESBIAN, BISEXUAL, AND GAY STUDIES**Lesbian, Bisexual, and Gay Studies***lesbian, bisexual, and gay studies***LINGUISTICS [M.A., Ph.D.]****Linguistics**

general linguistics

MANAGEMENT [Ph.D.]**Management**accounting
finance
management information systems
marketing
organizational behavior
production and operations**MATERIALS SCIENCE AND ENGINEERING [M.S., Ph.D., M.Eng.]****Materials Science and Engineering**materials engineering
materials science**MATHEMATICS [Ph.D.]****Mathematics**

mathematics

MECHANICAL ENGINEERING [M.S., Ph.D., M.S./Ph.D., M.Eng.]**Mechanical Engineering**biomechanical engineering
combustion
energy and power systems
fluid mechanics
heat transfer
materials and manufacturing
engineering
mechanical systems and design
multiphase flows**MEDIEVAL STUDIES [Ph.D.]****Medieval Studies**medieval archaeology
medieval art
medieval history
medieval literature
medieval music
medieval philology and linguistics
medieval philosophy**MICROBIOLOGY [Ph.D.]****Microbiology**

microbiology

MUSIC**Musicology [Ph.D.]**

musicology

Music [D.M.A.]

composition

performance practice

Theory of Music*theory of music***NATURAL RESOURCES [M.S., Ph.D.,****M.P.S.(A.L.S.)]****Natural Resources**

aquatic science

environmental management

[M.P.S.(A.L.S.) only]

fishery science

forest science

resource policy and management

wildlife science

NEAR EASTERN STUDIES [Ph.D.]**Near Eastern Studies**

ancient Near Eastern studies

Arabic and Islamic studies

biblical studies

Hebrew and Judaic studies

NEUROBIOLOGY AND BEHAVIOR**[Ph.D.]****Behavioral Biology**

behavioral ecology

chemical ecology

ethology

neuroethology

sociobiology

Neurobiology

cellular and molecular

neurobiology

neuroanatomy

neurochemistry

neuropharmacology

neurophysiology

sensory physiology

NUCLEAR SCIENCE AND**ENGINEERING****Nuclear Science and Engineering****[M.S., Ph.D.]**

nuclear engineering

nuclear science

Nuclear Engineering [M.Eng.]

nuclear engineering

NUTRITION [M.S., Ph.D., M.P.S.(Hu.Ec.)]**Nutrition**

animal nutrition

community nutrition

human nutrition

international nutrition

nutritional biochemistry

OPERATIONS RESEARCH**Operations Research [Ph.D.]**

applied probability and statistics

manufacturing systems engineering

mathematical programming

Operations Research and Industrial**Engineering [M.Eng.]**

operations research and industrial

engineering

PEACE STUDIES AND PEACE SCIENCE**Peace Science***peace science***Peace Studies***peace studies***PHARMACOLOGY [M.S., Ph.D.]****Pharmacology**

pharmacology

PHILOSOPHY [Ph.D.]**Philosophy**

philosophy

PHYSICS [Ph.D.]**Physics**

experimental physics

physics

theoretical physics

PHYSIOLOGY [M.S., Ph.D.]**Physiology**

behavioral physiology

cardiovascular and respiratory

physiology

endocrinology

environmental and comparative

physiology

gastrointestinal and metabolic

physiology

membrane and epithelial

physiology

molecular and cellular physiology

neural and sensory physiology

physiological genomics

reproductive physiology

PLANT BIOLOGY [M.S., Ph.D.]**Plant Biology**

cytology

paleobotany

plant cell biology

plant ecology

plant molecular biology

plant morphology, anatomy, and

biomechanics

plant physiology

systematic botany

PLANT BREEDING [M.S., M.S./Ph.D.,**Ph.D., M.P.S.(A.L.S.)]****Plant Breeding**

plant breeding

plant genetics

PLANT PATHOLOGY [M.S., Ph.D.,**M.P.S.(A.L.S.)]****Plant Pathology**

ecological and environmental plant

pathology

epidemiological plant pathology

molecular plant pathology

mycology

plant disease epidemiology

plant pathology

PLANT PROTECTION [M.P.S.(A.L.S.)]**Plant Protection**

plant protection

POLICY ANALYSIS AND**MANAGEMENT****Policy Analysis and Management****[Ph.D.]**

consumer policy

evaluation

family/social welfare policy

health management and policy

Health Administration [M.H.A.]

health administration

PSYCHOLOGY [Ph.D.]**Psychology**

biopsychology

human experimental psychology

personality and social psychology

PUBLIC AFFAIRS [M.P.A.]

Public Affairs
public affairs
public policy

REAL ESTATE [M.P.S.(R.E.)]

Real Estate
real estate

REGIONAL SCIENCE [M.A., M.S., Ph.D.]

Regional Science
environmental studies
international spatial problems
location theory
multiregional economic analysis
peace science
planning methods
urban and regional economics

**RISK ANALYSIS, COMMUNICATION
AND POLICY**

**Risk Analysis, Communication and
Policy**
*risk analysis, communication and
policy*

ROMANCE STUDIES [M.A., Ph.D.]

Romance Studies
French linguistics
French literature
Hispanic literature
Italian linguistics
Italian literature
Romance linguistics
Spanish linguistics

**SCIENCE AND TECHNOLOGY
STUDIES [M.A., Ph.D.]**

Science and Technology Studies
history and philosophy of science
and technology
social studies of science and
technology

SOCIOLOGY [M.A., Ph.D.]

Sociology
economy and society
gender and life course
organizations
political sociology/social
movements
racial and ethnic relations
social networks
social psychology
social stratification
methodology
policy analysis

**SOIL AND CROP SCIENCES [M.S.,
Ph.D., M.P.S.(A.L.S.)]**

Soil and Crop Sciences
agronomy
environmental information science
environmental management
[M.P.S.(A.L.S.) only]
field crop science
soil science

STATISTICS

Statistics [M.S., Ph.D.]
biometry
decision theory
econometrics
engineering statistics
experimental design
mathematical statistics
probability
sampling
social statistics
statistical computing
stochastic processes

Applied Statistics [M.P.S.(Stat.)]

applied statistics

SYSTEMS ENGINEERING [M.Eng.]

Systems Engineering
systems engineering

TEXTILES

Fiber Science [M.S., Ph.D.]

fiber science
polymer science
textile science

Apparel Design [M.A., M.P.S.(Hu.Ec.)]

apparel design

THEATRE ARTS [Ph.D.]

Theatre Arts
drama and the theatre
theatre history
theatre theory and aesthetics

**THEORETICAL AND APPLIED
MECHANICS**

**Theoretical and Applied Mechanics
[M.S., Ph.D.]**
dynamics and space mechanics
fluid mechanics
mechanics of materials
solid mechanics

Engineering Mechanics [M.Eng.]

advanced composites and
structures

URBAN STUDIES

Urban Studies
urban studies

WATER RESOURCES

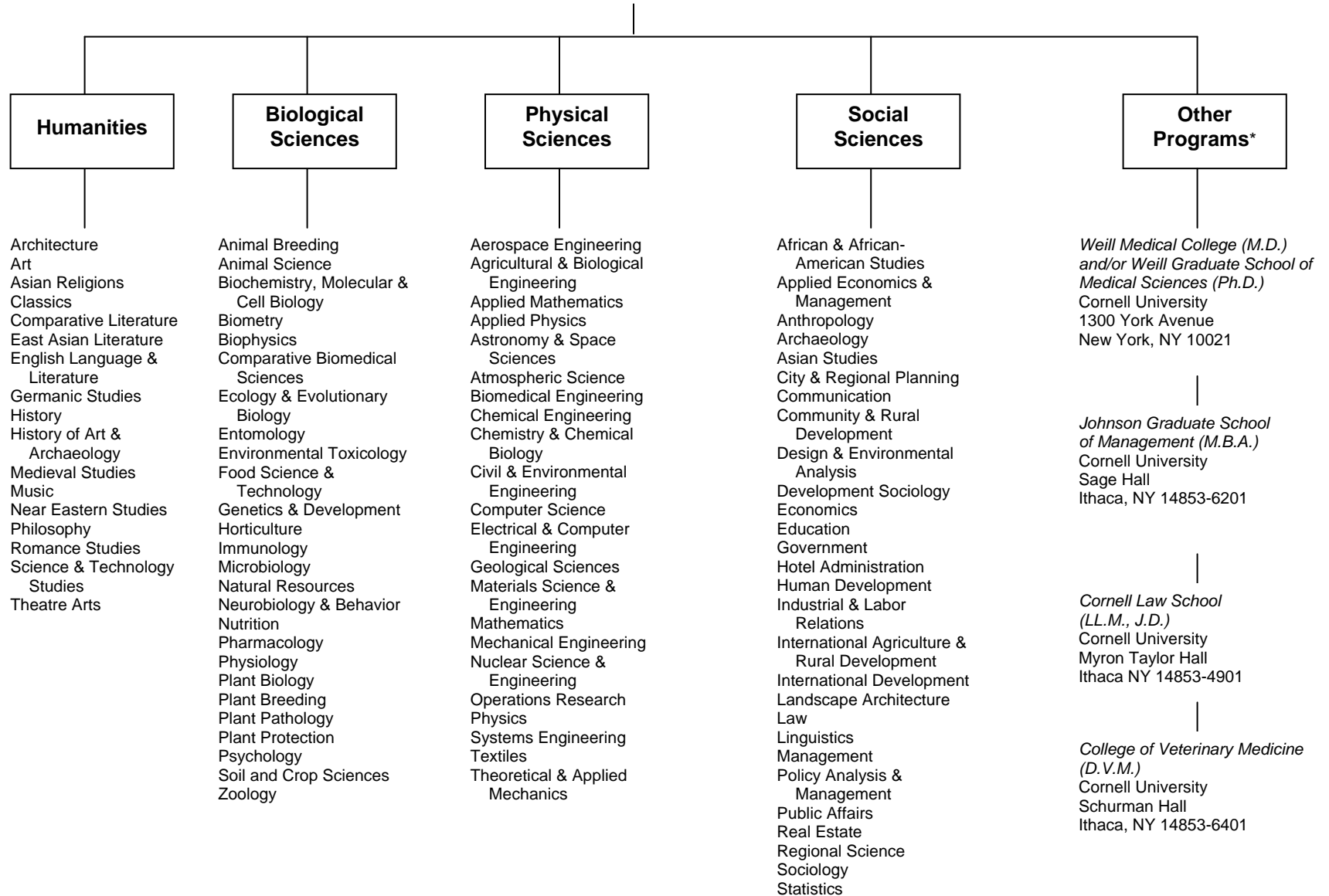
Water Resources
water resources

ZOOLOGY [M.S., Ph.D.]

Zoology
animal cytology
comparative and functional
anatomy
developmental biology
ecology
histology

Cornell University Graduate Programs 2003-2004

(M.A./M.S., Ph.D. and Professional Degrees)



*Other Programs may be contacted directly for further information. They are separate from the Graduate School and therefore not a part of the analysis contained in this publication.