

Table 255. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 2001–02

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
	1	2	3	4	5	6	7	8	9
All fields	1,291,900	549,816	742,084	482,118	199,120	282,998	44,160	23,708	20,452
Agriculture and natural resources, total	23,353	12,643	10,710	4,519	2,345	2,174	1,166	775	391
Agricultural business and production, total	5,976	3,868	2,108	557	340	217	175	119	56
Agricultural business and management, total	3,956	2,586	1,370	415	252	163	135	96	39
Agricultural business and management, general	929	580	349	65	41	24	0	0	0
Agricultural business/agribusiness operations	1,541	1,026	515	26	16	10	0	0	0
Agricultural economics	860	600	260	316	189	127	135	96	39
Agricultural business and management, other	626	380	246	8	6	2	0	0	0
Agricultural mechanization	267	239	28	2	2	0	0	0	0
Agricultural production workers and managers	242	135	107	53	44	9	9	7	2
Horticulture service operations and management	751	499	252	41	18	23	16	11	5
International agriculture	20	6	14	8	5	3	0	0	0
Agricultural business and production, other	740	403	337	38	19	19	15	5	10
Agricultural sciences, total	8,442	3,896	4,546	1,649	871	778	616	395	221
Agriculture/agricultural sciences, general	1,338	826	512	200	124	76	6	3	3
Animal sciences, total	3,930	1,268	2,662	447	227	220	191	127	64
Animal sciences, general	3,455	1,084	2,371	362	185	177	144	97	47
Agricultural animal breeding and genetics	51	28	23	5	2	3	9	6	3
Agricultural animal health	0	0	0	7	3	4	0	0	0
Agricultural animal nutrition	0	0	0	2	1	1	5	2	3
Dairy science	98	46	52	19	9	10	2	2	0
Poultry science	94	57	37	24	11	13	9	3	6
Animal sciences, other	232	53	179	28	16	12	22	17	5
Food sciences and technology	607	185	422	288	110	178	132	66	66
Plant sciences, total	2,189	1,406	783	543	322	221	224	157	67
Plant sciences, general	393	257	136	80	46	34	41	24	17
Agronomy and crop science	626	486	140	233	150	83	105	75	30
Horticulture science	909	489	420	97	49	48	42	28	14
Plant breeding and genetics	0	0	0	7	7	0	4	3	1
Agricultural plant pathology	22	13	9	10	3	7	9	8	1
Plant protection (pest management)	39	23	16	14	8	6	3	2	1
Range science and management	110	75	35	48	26	22	9	7	2
Plant sciences, other	90	63	27	54	33	21	11	10	1
Soil sciences	78	47	31	80	43	37	49	32	17
Agriculture/agricultural sciences, other	300	164	136	91	45	46	14	10	4
Conservation and renewable natural resources, total	8,935	4,879	4,056	2,313	1,134	1,179	375	261	114
Natural resources conservation, general	5,407	2,565	2,842	1,269	558	711	139	88	51
Natural resources management and policy	522	286	236	199	102	97	4	4	0
Fishing and fisheries sciences and management	162	99	63	87	51	36	30	21	9
Forest harvesting and production technology/technician	174	127	47	19	15	4	22	19	3
Forestry, general	1,249	985	264	524	293	231	130	100	30
Wildlife and wildlands management	1,000	589	411	164	91	73	26	18	8
Conservation and renewable natural resources, other	421	228	193	51	24	27	24	11	13
Architecture and related programs, total	8,808	5,224	3,584	4,566	2,606	1,960	183	117	66
Architecture	5,155	3,322	1,833	2,473	1,568	905	60	35	25
City/urban, community, and regional planning	456	292	164	1,284	664	620	90	60	30
Architectural environmental design	837	502	335	54	17	37	8	7	1
Interior architecture	716	70	646	32	7	25	0	0	0
Landscape architecture	969	605	364	380	162	218	0	0	0
Architectural urban design and planning	0	0	0	131	78	53	4	1	3
Architecture and related programs, other	675	433	242	212	110	102	21	14	7
Area, ethnic, and cultural studies, total	6,557	2,042	4,515	1,578	610	968	216	107	109
Area studies, total	3,768	1,369	2,399	999	449	550	154	80	74
African studies	27	10	17	21	11	10	5	4	1
American studies/civilization	1,633	543	1,090	225	85	140	76	38	38
Latin American studies	402	112	290	198	75	123	7	1	6
Middle Eastern studies	65	26	39	86	48	38	25	13	12
Russian and Slavic studies	91	41	50	78	45	33	0	0	0
Asian studies	738	335	403	231	109	122	25	14	11
European studies	208	68	140	55	28	27	3	3	0
Area studies, other	604	234	370	105	48	57	13	7	6
Ethnic and cultural studies, total	2,001	426	1,575	333	77	256	43	15	28
Afro-American (Black) studies	668	228	440	70	19	51	22	9	13
Hispanic-American studies	234	79	155	38	18	20	2	2	0
Women's studies	729	13	716	105	2	103	7	0	7
Ethnic studies, other	370	106	264	120	38	82	12	4	8
Area, ethnic and cultural studies, other	788	247	541	246	84	162	19	12	7
Biological sciences/life sciences, total	60,256	23,612	36,644	6,205	2,616	3,589	4,489	2,500	1,989
Biology, general	42,281	15,968	26,313	2,424	1,026	1,398	689	392	297

See notes at end of table.

Table 255. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 2001–02—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Biochemistry and biophysics	3,592	1,788	1,804	259	122	137	550	357	193
Botany, total	303	104	199	198	76	122	171	88	83
Botany, general	264	95	169	120	45	75	89	44	45
Plant pathology	3	0	3	63	24	39	52	27	25
Botany, other	36	9	27	15	7	8	30	17	13
Cell and molecular biology, total	2,449	1,080	1,369	292	114	178	604	339	265
Cell biology	304	132	172	42	17	25	167	92	75
Molecular biology	646	290	356	136	49	87	229	137	92
Cell and molecular biology, other	1,499	658	841	114	48	66	208	110	98
Microbiology/bacteriology	2,545	1,081	1,464	269	114	155	378	200	178
Miscellaneous biological specializations, total	4,109	1,515	2,594	1,712	633	1,079	1,212	627	585
Anatomy	108	59	49	118	50	68	63	32	31
Ecology	911	410	501	193	93	100	110	55	55
Marine/aquatic biology	771	251	520	118	57	61	51	33	18
Neurosciences	894	348	546	74	37	37	281	169	112
Nutritional sciences	417	62	355	398	50	348	100	25	75
Toxicology	40	11	29	67	30	37	88	44	44
Genetics, plant and animal	315	119	196	116	40	76	247	133	114
Biometrics	21	13	8	77	35	42	21	9	12
Miscellaneous specialized areas, other	632	242	390	551	241	310	251	127	124
Zoology, total	3,030	1,226	1,804	731	391	340	718	418	300
Zoology, general	2,377	967	1,410	174	98	76	143	90	53
Entomology	96	51	45	154	87	67	114	81	33
Pathology, human and animal	6	1	5	59	25	34	94	48	46
Pharmacology, human and animal	45	16	29	97	47	50	215	112	103
Physiology, human and animal	506	191	315	247	134	113	152	87	65
Zoology, other	0	0	0	0	0	0	0	0	0
Biological sciences/life sciences, other	1,947	850	1,097	320	140	180	167	79	88
Business management, administrative services and marketing operations/marketing and distribution, total	281,330	140,566	140,764	120,785	71,157	49,628	1,158	748	410
Business management and administrative services, total	276,443	138,847	137,596	120,278	70,928	49,350	1,155	747	408
Business, general	27,281	14,017	13,264	10,273	6,562	3,711	177	121	56
Business administration and management, total	105,159	52,102	53,057	74,985	45,819	29,166	581	384	197
Office supervision and management	626	188	438	60	17	43	0	0	0
Operations management and supervision	2,184	1,568	616	1,729	1,141	588	6	4	2
Business administration and management, other	102,349	50,346	52,003	73,196	44,661	28,535	575	380	195
Accounting	32,460	12,401	20,059	5,921	2,637	3,284	36	17	19
Secretarial and related programs	265	79	186	46	20	26	0	0	0
Business/managerial economics	3,493	2,134	1,359	199	114	85	41	32	9
Small business management and ownership	820	435	385	621	286	335	0	0	0
Finance, general and banking and financial support services	26,231	16,889	9,342	5,142	3,539	1,603	61	47	14
Actuarial sciences	248	140	108	53	27	26	0	0	0
Insurance and risk management	547	296	251	168	112	56	4	3	1
Investments and securities and financial planning	565	313	252	381	249	132	0	0	0
Hospitality services management	5,907	2,602	3,305	493	231	262	18	14	4
Human resources management	4,900	1,570	3,330	2,813	854	1,959	24	9	15
Labor/personnel relations and studies	880	429	451	591	191	400	16	9	7
Organizational behavior studies	2,164	832	1,332	2,259	815	1,444	76	38	38
International business	4,501	2,028	2,473	2,779	1,631	1,148	15	10	5
Business information systems, total	21,682	14,020	7,662	6,007	3,805	2,202	14	11	3
Management information systems and data processing, general	18,202	11,540	6,662	4,692	2,958	1,734	12	9	3
Business information systems, other	3,480	2,480	1,000	1,315	847	468	2	2	0
Quantitative methods and management science, total	4,117	2,380	1,737	1,388	806	582	14	8	6
Business statistics	23	14	9	17	7	10	4	1	3
Management science, other	4,094	2,366	1,728	1,371	799	572	10	7	3
Marketing management and research	28,916	13,225	15,691	1,603	694	909	45	25	20
Real estate	524	351	173	243	186	57	0	0	0
Taxation	0	0	0	1,246	654	592	0	0	0
Consumer and personal services	396	200	196	1	0	1	0	0	0
Business management and administrative services, other	5,387	2,404	2,983	3,066	1,696	1,370	33	19	14
Marketing operations/marketing and distribution, total	4,887	1,719	3,168	507	229	278	3	1	2
Apparel and accessories marketing operations	1,221	68	1,153	24	5	19	1	0	1
Business and personal services marketing operations	14	6	8	0	0	0	0	0	0
General/retailing and wholesaling operations and skills	2,432	1,069	1,363	304	135	169	2	1	1
Transportation and travel marketing	206	62	144	4	1	3	0	0	0
Marketing and distribution, other	1,014	514	500	175	88	87	0	0	0
Communications and communications technologies, total	63,901	23,613	40,288	6,059	2,201	3,858	383	168	215
Communications, total	62,791	22,914	39,877	5,510	1,906	3,604	374	168	206
Communications, general	31,029	10,967	20,062	2,128	713	1,415	237	101	136
Advertising	3,647	1,167	2,480	270	82	188	1	0	1
Journalism	10,329	3,303	7,026	1,377	411	966	28	17	11
Broadcast journalism	681	286	395	15	1	14	0	0	0

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	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Public relations and organizational communications	3,549	841	2,708	323	76	247	0	0	0
Radio and television broadcasting	5,943	3,268	2,675	287	126	161	8	4	4
Communications, other	7,613	3,082	4,531	1,110	497	613	100	46	54
Communications technologies, total	1,110	699	411	549	295	254	9	0	9
Photographic technology	15	5	10	0	0	0	0	0	0
Radio and television technology	546	290	256	312	149	163	9	0	9
Communications technologies, other	549	404	145	237	146	91	0	0	0
Computer and information sciences, total	47,299	34,248	13,051	16,113	10,753	5,360	750	579	171
Computer and information sciences, general	26,652	19,956	6,696	9,512	6,606	2,906	551	440	111
Computer programming	582	421	161	160	104	56	3	3	0
Data processing technology/technician	256	177	79	3	1	2	0	0	0
Information science and systems	9,920	6,356	3,564	3,180	1,920	1,260	60	31	29
Computer systems analysis	253	180	73	184	131	53	2	2	0
Computer and information sciences, other	9,636	7,158	2,478	3,074	1,991	1,083	134	103	31
Education, total	106,383	24,051	82,332	136,579	32,172	104,407	6,967	2,335	4,632
Education, general	2,572	444	2,128	20,030	4,560	15,470	1,201	374	827
Bilingual/bicultural education	93	8	85	1,470	480	990	17	4	13
Curriculum and instruction	0	0	0	12,522	2,525	9,997	829	199	630
Education administration and supervision, total	30	16	14	17,187	6,881	10,306	2,487	934	1,553
Education administration and supervision, general	5	3	2	12,124	4,865	7,259	1,798	689	1,109
Administration of special education	0	0	0	14	1	13	2	0	2
Adult and continuing education administration	14	11	3	181	54	127	82	39	43
Educational supervision	0	0	0	841	304	537	40	10	30
Elementary, middle, and secondary education administration	10	2	8	2,734	1,177	1,557	106	29	77
Higher education administration	0	0	0	491	159	332	241	88	153
Community and junior college education administration	0	0	0	30	8	22	0	0	0
Education administration and supervision, other	1	0	1	772	313	459	218	79	139
Educational/instructional media design	120	34	86	2,299	607	1,692	60	26	34
Educational evaluation and research, general	0	0	0	19	7	12	17	6	11
Educational statistics and research methods	0	0	0	30	9	21	27	9	18
Educational assessment, testing and measurement	0	0	0	37	2	35	19	6	13
Social and philosophical foundations of education	4	1	3	718	207	511	105	36	69
Special education, total	8,867	923	7,944	11,311	1,582	9,729	163	43	120
Special education, general	6,812	749	6,063	9,077	1,300	7,777	136	34	102
Education of the deaf and hearing impaired	242	15	227	208	36	172	4	2	2
Education of the gifted and talented	2	0	2	175	13	162	0	0	0
Education of the emotionally handicapped	201	35	166	191	42	149	4	0	4
Education of the mentally handicapped	293	27	266	84	6	78	0	0	0
Education of the multiple handicapped	60	3	57	258	25	233	2	2	0
Education of the physically handicapped	14	4	10	28	4	24	2	0	2
Education of the blind and visually handicapped	34	4	30	61	10	51	0	0	0
Education of the specific learning disabled	362	36	326	586	62	524	5	1	4
Education of the speech impaired	476	14	462	211	9	202	0	0	0
Special education, other	371	36	335	432	75	357	10	4	6
Counselor education/counseling and guidance services	30	5	25	12,256	2,331	9,925	334	101	233
General teacher education, total	60,520	7,477	53,043	28,373	5,321	23,052	286	90	196
Adult and continuing education	36	14	22	821	216	605	107	44	63
Elementary education	46,704	5,125	41,579	14,147	1,641	12,506	58	8	50
Junior high/intermediate/middle school education	1,643	346	1,297	896	234	662	2	2	0
Pre-elementary/early childhood/kindergarten education	7,289	301	6,988	2,008	95	1,913	27	4	23
Secondary education	3,841	1,572	2,269	5,299	1,939	3,360	42	12	30
Teacher education, general programs, other	1,007	119	888	5,202	1,196	4,006	50	20	30
Teacher education, academic and vocational programs	32,210	14,368	17,842	19,079	5,329	13,750	678	275	403
Agricultural education (vocational)	633	331	302	321	127	194	39	19	20
Art education	1,657	287	1,370	675	126	549	25	10	15
Business education (vocational)	656	201	455	298	106	192	4	2	2
Driver and safety education	1	1	0	9	6	3	0	0	0
English education	2,460	512	1,948	865	218	647	17	6	11
Foreign languages education	181	32	149	215	37	178	10	4	6
Health education	1,682	449	1,233	689	203	486	42	4	38
Home economics education (vocational)	330	14	316	87	3	84	3	0	3
Technology/industrial arts education	1,130	905	225	321	212	109	6	4	2
Marketing operations/marketing and distribution education	57	27	30	7	2	5	6	3	3
Mathematics education	1,442	469	973	867	306	561	47	17	30
Music education	3,317	1,275	2,042	796	285	511	79	37	42
Physical education and coaching	11,484	6,378	5,106	3,004	1,680	1,324	145	80	65
Reading education	158	16	142	5,556	297	5,259	53	10	43
Science education	1,092	422	670	802	273	529	35	14	21
Social science education	748	406	342	144	60	84	3	2	1
Social studies education	1,809	1,022	787	549	300	249	1	1	0
Technical education (vocational)	196	115	81	213	80	133	89	29	60
Trade and industrial education (vocational)	1,143	755	388	396	160	236	21	12	9
Teacher education, academic and vocational programs, other	2,034	751	1,283	3,265	848	2,417	53	21	32

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	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Teaching English as a second language/foreign language	88	15	73	1,532	309	1,223	17	6	11
Education, other	1,849	760	1,089	9,716	2,022	7,694	727	226	501
Engineering and engineering-related technologies, total	73,964	59,990	13,974	26,920	21,167	5,753	5,210	4,310	900
Engineering, total	59,481	47,171	12,310	26,015	20,512	5,503	5,195	4,299	896
Engineering, general	1,755	1,391	364	1,339	1,077	262	180	146	34
Aerospace, aeronautical, and astronautical engineering	1,747	1,435	312	682	557	125	193	174	19
Agricultural engineering	654	467	187	154	93	61	69	47	22
Architectural engineering	515	392	123	58	41	17	2	2	0
Bioengineering and biomedical engineering	1,476	817	659	674	417	257	216	154	62
Ceramic sciences and engineering	154	107	47	31	22	9	15	14	1
Chemical engineering	5,462	3,470	1,992	973	684	289	605	457	148
Civil engineering	7,665	5,851	1,814	3,295	2,464	831	574	474	100
Computer engineering	5,542	4,837	705	1,651	1,246	405	126	120	6
Electrical, electronics, and communications engineering	13,056	11,124	1,932	6,587	5,432	1,155	1,235	1,093	142
Engineering mechanics	131	104	27	121	103	18	41	36	5
Engineering physics	287	240	47	24	21	3	12	10	2
Engineering science	259	193	66	351	274	77	45	32	13
Environmental/environmental health engineering	452	248	204	568	363	205	93	65	28
Geological engineering	124	68	56	22	12	10	8	7	1
Geophysical engineering	20	8	12	4	3	1	0	0	0
Industrial/manufacturing engineering	3,516	2,338	1,178	2,049	1,544	505	232	170	62
Material engineering	508	345	163	461	337	124	263	211	52
Mechanical engineering	13,058	11,342	1,716	3,391	2,942	449	772	679	93
Metallurgical engineering	180	139	41	51	38	13	38	34	4
Mining and mineral engineering	113	94	19	49	41	8	8	8	0
Naval architecture and marine engineering	216	194	22	53	44	9	5	5	0
Nuclear engineering	145	120	25	123	98	25	60	49	11
Ocean engineering	104	74	30	75	63	12	19	16	3
Petroleum engineering	295	240	55	211	180	31	37	30	7
Systems engineering	490	375	115	565	458	107	46	38	8
Textile sciences and engineering	199	102	97	50	27	23	17	10	7
Engineering, other	1,358	1,056	302	2,403	1,931	472	284	218	66
Engineering-related technologies, total	14,483	12,819	1,664	905	655	250	15	11	4
Architectural engineering technologies	727	644	83	0	0	0	0	0	0
Civil technologies	395	360	35	0	0	0	0	0	0
Electrical and electronic technologies	3,974	3,610	364	7	7	0	0	0	0
Electromechanical instrumentation and maintenance technologies	371	326	45	2	0	2	3	1	2
Environmental control technologies	133	100	33	117	77	40	0	0	0
Industrial production technologies	3,385	2,858	527	257	199	58	4	4	0
Quality control and safety technologies	419	344	75	191	126	65	0	0	0
Mechanical and related technologies	1,565	1,425	140	0	0	0	0	0	0
Mining and petroleum technologies	10	9	1	0	0	0	0	0	0
Surveying	172	153	19	8	8	0	8	6	2
Mechanics and repairers	164	157	7	0	0	0	0	0	0
Construction trades	202	182	20	9	8	1	0	0	0
Engineering and related technologies, other	2,966	2,651	315	314	230	84	0	0	0
English language and literature/letters, total	53,162	16,704	36,458	7,268	2,326	4,942	1,446	600	846
English language and literature, general	38,280	11,514	26,766	4,449	1,421	3,028	1,033	429	604
Comparative literature	787	247	540	171	56	115	155	68	87
English composition	417	150	267	34	5	29	7	5	2
English creative writing	1,287	502	785	1,563	546	1,017	12	6	6
American literature (United States)	42	16	26	4	1	3	12	7	5
English literature (British and Commonwealth)	1,062	374	688	190	55	135	52	20	32
Speech and rhetorical studies	9,622	3,349	6,273	540	154	386	118	43	75
English technical and business writing	381	131	250	222	63	159	2	1	1
English language and literature/letters, other	1,284	421	863	95	25	70	55	21	34
Foreign languages and literatures, total	15,318	4,413	10,905	2,861	881	1,980	843	346	497
Foreign languages and literatures, total	1,888	493	1,395	705	199	506	189	75	114
Foreign languages and literatures, general	1,041	250	791	185	39	146	37	12	25
Linguistics	847	243	604	520	160	360	152	63	89
East and Southeast Asian languages and literatures, total	677	366	311	91	34	57	37	18	19
Chinese	189	91	98	16	3	13	12	8	4
Japanese	390	217	173	33	12	21	8	2	6
East and Southeast Asian languages, other	98	58	40	42	19	23	17	8	9
East European languages and literatures, total	307	150	157	89	31	58	43	20	23
Russian languages	277	137	140	34	9	25	5	1	4
Slavic languages (other than Russian)	25	12	13	49	19	30	35	18	17
East European languages, other	5	1	4	6	3	3	3	1	2

See notes at end of table.

Table 255. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 2001–02—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Germanic languages and literatures, total	1,128	456	672	219	87	132	71	34	37
German	1,092	444	648	208	80	128	64	31	33
Scandinavian languages	25	7	18	4	3	1	6	3	3
Germanic languages, other	11	5	6	7	4	3	1	0	1
South Asian languages and literatures	8	2	6	4	4	0	5	1	4
Romance languages and literatures, total	10,034	2,398	7,636	1,312	343	969	384	135	249
French	2,396	480	1,916	356	92	264	89	31	58
Italian	263	60	203	46	14	32	15	4	11
Portuguese	31	18	13	10	2	8	2	1	1
Spanish	7,243	1,820	5,423	792	202	590	193	68	125
Romance languages, other	101	20	81	108	33	75	85	31	54
Middle Eastern languages and literatures, total	47	23	24	47	25	22	17	13	4
Arabic	13	6	7	2	0	2	2	2	0
Hebrew	17	7	10	12	9	3	5	5	0
Middle East languages, other	17	10	7	33	16	17	10	6	4
Classical and ancient Near East languages and literatures, total ...	999	458	541	182	103	79	56	32	24
Classics	855	393	462	166	94	72	55	32	23
Greek (ancient and medieval)	33	13	20	8	5	3	1	0	1
Latin (ancient and medieval)	111	52	59	8	4	4	0	0	0
Foreign languages, other	230	67	163	212	55	157	41	18	23
Health professions and related sciences, total	70,517	10,257	60,260	43,644	9,797	33,847	3,523	1,293	2,230
Communication disorders sciences and services	5,644	249	5,395	5,644	261	5,383	509	146	363
Community health liaison	1,032	210	822	184	34	150	3	0	3
Dentistry	0	0	0	438	300	138	38	20	18
Dental services	1,129	48	1,081	32	12	20	0	0	0
Epidemiology	0	0	0	547	168	379	128	46	82
Health services administration, total	3,569	759	2,810	3,892	1,227	2,665	76	36	40
Health services administration	1,966	428	1,538	2,686	798	1,888	52	26	26
Medical records administration	486	52	434	24	11	13	0	0	0
Medical records technology/technician	0	0	0	3	3	0	0	0	0
Health and medical administrative services, other	1,117	279	838	1,179	415	764	24	10	14
Health and medical assistants, total	2,356	833	1,523	2,154	785	1,369	0	0	0
Medical assistant	1	0	1	0	0	0	0	0	0
Physician assistant	2,094	790	1,304	2,116	771	1,345	0	0	0
Health and medical assistants, other	261	43	218	38	14	24	0	0	0
Health and medical diagnostic and treatment services, total	1,930	555	1,375	62	38	24	8	5	3
Respiratory therapy technology/technician	427	130	297	0	0	0	0	0	0
Health and medical diagnostic and treatment services, other	1,503	425	1,078	62	38	24	8	5	3
Medical laboratory technologies, total	1,710	385	1,325	499	166	333	102	38	64
Medical technology	1,452	319	1,133	80	21	59	1	1	0
Health and medical laboratory technologies/technicians, other ...	258	66	192	419	145	274	101	37	64
Pre-dentistry studies	48	28	20	0	0	0	0	0	0
Pre-medicine studies	508	243	265	0	0	0	0	0	0
Pre-pharmacy studies	85	29	56	0	0	0	0	0	0
Pre-veterinary studies	218	43	175	0	0	0	0	0	0
Medical basic sciences	441	126	315	570	270	300	544	285	259
Mental health services, total	614	86	528	657	119	538	14	6	8
Alcohol/drug abuse counseling	77	22	55	70	10	60	0	0	0
Psychiatric/mental health services technician	104	7	97	36	10	26	0	0	0
Clinical and medical social work	123	20	103	126	25	101	8	3	5
Mental health services, other	310	37	273	425	74	351	6	3	3
Nursing	37,127	3,388	33,739	11,276	1,291	9,985	471	27	444
Optometry	30	11	19	56	32	24	2	1	1
Pharmacy	1,768	661	1,107	355	143	212	244	148	96
Rehabilitation/therapeutic services, total	6,174	1,027	5,147	9,179	2,209	6,970	787	243	544
Art therapy	87	2	85	228	12	216	0	0	0
Dance therapy	4	0	4	24	1	23	0	0	0
Music therapy	235	19	216	58	5	53	0	0	0
Occupational therapy	3,062	345	2,717	2,046	238	1,808	26	3	23
Orthotics/prosthetics	22	14	8	0	0	0	0	0	0
Physical therapy	1,517	418	1,099	5,782	1,712	4,070	733	232	501
Recreational therapy	245	21	224	7	0	7	0	0	0
Vocational rehabilitation counseling	126	21	105	549	130	419	5	3	2
Rehabilitative services, other	876	187	689	485	111	374	23	5	18
Veterinary medicine	4	0	4	157	61	96	116	70	46
Miscellaneous health professions	589	185	404	2,423	985	1,438	53	31	22
Health professions and related sciences, other	5,541	1,391	4,150	5,519	1,696	3,823	428	191	237
Home economics and vocational home economics, total	18,153	2,182	15,971	2,616	390	2,226	355	108	247
Home economics, total	17,679	1,984	15,695	2,608	389	2,219	355	108	247
Home economics, general	2,858	263	2,595	340	37	303	62	19	43
Home economics business services	47	6	41	0	0	0	0	0	0
Family and community studies	490	49	441	88	17	71	1	1	0
Family and consumer resource management	1,597	488	1,109	73	17	56	14	5	9

See notes at end of table.

Table 255. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 2001–02—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Food and nutrition studies	3,364	379	2,985	626	62	564	56	16	40
Housing studies	398	70	328	10	4	6	8	1	7
Individual and family development studies	6,838	556	6,282	1,383	241	1,142	190	61	129
Clothing/apparel and textile studies	1,888	150	1,738	75	10	65	16	3	13
Home economics, other	199	23	176	13	1	12	8	2	6
Vocational home economics, total	474	198	276	8	1	7	0	0	0
Child care and guidance management	78	1	77	1	0	1	0	0	0
Vocational home economics, other	396	197	199	7	1	6	0	0	0
Law and legal studies, total	1,971	588	1,383	4,053	2,360	1,693	79	48	31
Pre-law studies	160	72	88	0	0	0	0	0	0
Paralegal/legal assistant	931	147	784	41	11	30	0	0	0
Law and legal studies, other	880	369	511	4,012	2,349	1,663	79	48	31
Liberal arts and sciences, general studies, and humanities, total	39,333	12,902	26,431	2,754	1,030	1,724	113	40	73
Liberal arts and sciences/liberal studies	24,091	6,820	17,271	1,543	596	947	12	4	8
Humanities/humanistic studies	3,127	920	2,207	715	268	447	76	23	53
Liberal arts and sciences, general studies, other	12,115	5,162	6,953	496	166	330	25	13	12
Library science, total	74	18	56	5,113	932	4,181	45	17	28
Library science/librarianship	57	7	50	4,864	883	3,981	40	16	24
Library science, other	17	11	6	249	49	200	5	1	4
Mathematics, total	12,395	6,608	5,787	3,487	2,009	1,478	958	680	278
Mathematics	10,495	5,489	5,006	1,932	1,118	814	618	456	162
Applied mathematics, total	1,249	753	496	472	312	160	148	101	47
Applied mathematics, general and other	804	478	326	335	216	119	113	79	34
Operations research (quantitative methods)	445	275	170	137	96	41	35	22	13
Mathematical statistics	388	209	179	918	478	440	178	112	66
Mathematics, other	263	157	106	165	101	64	14	11	3
Multi/interdisciplinary studies, total	27,629	8,948	18,681	3,211	1,237	1,974	384	209	175
Biological and physical sciences	2,239	899	1,340	307	113	194	17	11	6
Systems science and theory	91	58	33	94	35	59	15	13	2
Museology/museum studies	18	1	17	145	22	123	0	0	0
Multi/interdisciplinary studies, other	25,281	7,990	17,291	2,665	1,067	1,598	352	185	167
Parks, recreation, leisure, and fitness studies, total	20,554	9,919	10,635	2,754	1,358	1,396	151	86	65
Parks, recreation and leisure studies	2,462	1,092	1,370	218	103	115	17	9	8
Parks, recreation and leisure facilities management	2,765	1,241	1,524	219	94	125	15	11	4
Health and physical education/fitness	15,198	7,507	7,691	2,294	1,152	1,142	109	61	48
Parks, recreation, leisure and fitness studies, other	129	79	50	23	9	14	10	5	5
Philosophy and religion, total	9,306	5,688	3,618	1,334	830	504	606	437	169
Philosophy	5,363	3,595	1,768	626	455	171	313	239	74
Religion/religious studies	3,527	1,838	1,689	547	293	254	274	183	91
Philosophy and religion, other	416	255	161	161	82	79	19	15	4
Physical sciences and science technologies, total	17,851	10,314	7,537	5,034	3,142	1,892	3,803	2,740	1,063
Physical sciences, total	17,650	10,195	7,455	5,009	3,125	1,884	3,800	2,737	1,063
Physical sciences, general	305	164	141	37	25	12	3	3	0
Astronomy	145	84	61	84	60	24	61	50	11
Astrophysics	131	76	55	28	25	3	9	6	3
Atmospheric science and meteorology	525	374	151	141	95	46	68	47	21
Chemistry, total	9,136	4,622	4,514	1,845	1,004	841	2,027	1,339	688
Chemistry, general	8,895	4,490	4,405	1,749	955	794	1,885	1,256	629
Analytical chemistry	0	0	0	17	9	8	7	5	2
Inorganic chemistry	0	0	0	1	1	0	2	0	2
Organic chemistry	8	6	2	11	7	4	9	6	3
Medicinal/pharmaceutical chemistry	52	22	30	22	7	15	43	21	22
Chemistry, other	181	104	77	45	25	20	81	51	30
Geological and related sciences, total	2,721	1,503	1,218	1,001	603	398	351	251	100
Geology	2,438	1,359	1,079	844	501	343	245	180	65
Geochemistry	3	1	2	5	2	3	3	2	1
Geophysics and seismology	67	38	29	62	44	18	68	47	21
Geological and related sciences, other	213	105	108	90	56	34	35	22	13
Miscellaneous physical sciences, total	774	424	350	366	168	198	155	95	60
Metallurgy	0	0	0	11	8	3	1	1	0
Oceanography	225	120	105	114	61	53	90	54	36
Earth and planetary sciences	503	281	222	148	74	53	33	20	
Miscellaneous physical sciences, other	46	23	23	93	25	68	11	7	4
Physics, total	3,627	2,806	821	1,344	1,063	281	1,096	926	170
Physics, general	3,508	2,710	798	1,237	973	264	1,014	859	155

See notes at end of table.

Table 255. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 2001–02—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Physics, other	119	96	23	107	90	17	82	67	15
Physical sciences, other	286	142	144	163	82	81	30	20	10
Science technologies, total	201	119	82	25	17	8	3	3	0
Precision production trades, total	468	324	144	2	1	1	0	0	0
Drafting, general	94	76	18	0	0	0	0	0	0
Precision production trades, other	374	248	126	2	1	1	0	0	0
Protective services, total	25,536	13,727	11,809	2,935	1,613	1,322	49	23	26
Criminal justice and corrections, total	25,200	13,415	11,785	2,891	1,574	1,317	48	23	25
Corrections/correctional administration	602	261	341	16	12	4	0	0	0
Criminal justice/law enforcement administration	7,485	4,034	3,451	1,391	841	550	3	2	1
Criminal justice studies	14,840	7,811	7,029	1,195	616	579	39	19	20
Forensic studies	152	37	115	186	58	128	0	0	0
Law enforcement/police science	1,345	882	463	73	32	41	0	0	0
Criminal justice, other	776	390	386	30	15	15	6	2	4
Fire control and safety	326	304	22	35	31	4	1	0	1
Protective services, other	10	8	2	9	8	1	0	0	0
Psychology, total	76,671	17,275	59,396	14,888	3,517	11,371	4,341	1,379	2,962
Psychology, general	71,091	16,010	55,081	4,332	1,160	3,172	1,396	504	892
Clinical psychology	121	18	103	1,594	379	1,215	1,902	574	1,328
Counseling psychology	356	81	275	5,208	1,041	4,167	349	100	249
Developmental and child psychology	921	102	819	150	22	128	73	14	59
Experimental psychology	321	68	253	50	21	29	55	21	34
Industrial and organizational psychology	212	47	165	1,080	355	725	71	33	38
Physiological psychology/psychobiology	237	64	173	7	2	5	29	11	18
Social psychology	736	166	570	190	26	164	43	13	30
School psychology	0	0	0	851	126	725	215	45	170
Psychology, other	2,676	719	1,957	1,426	385	1,041	208	64	144
Public administration and services, total	19,392	3,706	15,686	25,448	6,505	18,943	571	250	321
Public administration	2,318	1,140	1,178	7,411	3,406	4,005	189	113	76
Community organization, resources and services	2,103	458	1,645	650	197	453	7	2	5
Public policy analysis	704	289	415	988	456	532	119	55	64
Social work	13,713	1,645	12,068	15,679	2,169	13,510	248	74	174
Public affairs, other	554	174	380	720	277	443	8	6	2
R.O.T.C. and military technologies, total	3	3	0	0	0	0	0	0	0
Social sciences and history, total	132,874	64,170	68,704	14,112	6,941	7,171	3,902	2,219	1,683
Social sciences, general	7,916	3,038	4,878	562	243	319	63	36	27
Anthropology	7,018	2,220	4,798	990	362	628	492	202	290
Archeology	160	47	113	27	13	14	16	7	9
Criminology	3,181	1,609	1,572	230	107	123	15	9	6
Demography and population studies	1	0	1	26	8	18	13	5	8
Economics	20,927	13,818	7,109	2,330	1,409	921	826	594	232
Geography, total	4,002	2,534	1,468	759	457	302	205	138	67
Geography	3,925	2,472	1,453	743	447	296	205	138	67
Cartography	77	62	15	16	10	6	0	0	0
History	26,001	15,259	10,742	2,420	1,336	1,084	924	561	363
International relations and affairs	5,482	1,991	3,491	2,353	1,132	1,221	51	30	21
Political science and government, general	29,354	15,158	14,196	1,641	919	722	625	369	256
Sociology	25,202	7,271	17,931	1,928	632	1,296	534	210	324
Urban affairs/studies	670	266	404	239	83	156	37	22	15
Social sciences and history, other	2,960	959	2,001	607	240	367	101	36	65
Theological studies/religious vocations, total	7,785	5,293	2,492	4,952	3,064	1,888	1,355	1,104	251
Biblical and other theological languages and literatures	23	15	8	43	21	22	5	4	1
Bible/biblical studies	2,584	1,723	861	382	282	100	22	20	2
Missions/missionary studies and misiology	319	133	186	241	136	105	49	39	10
Religious education	952	459	493	443	234	209	32	20	12
Religious/sacred music	143	83	60	41	19	22	0	0	0
Theology/theological studies	2,821	2,289	532	2,893	1,973	920	961	802	159
Pastoral counseling and specialized ministries	435	284	151	624	219	405	164	136	28
Theological studies and religious vocations, other	508	307	201	285	180	105	122	83	39
Transportation and material moving workers, total	4,020	3,555	465	709	633	76	0	0	0
Air transportation workers	3,777	3,343	434	705	631	74	0	0	0
Water transportation workers	227	203	24	0	0	0	0	0	0
Transportation and material moving, other	16	9	7	4	2	2	0	0	0
Visual and performing arts, total	66,773	27,130	39,643	11,595	4,912	6,683	1,114	490	624

See notes at end of table.

Table 255. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and field of study: 2001–02—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Visual and performing arts, general	1,864	760	1,104	101	22	79	1	0	1
Crafts, folk art, and artisanry	142	48	94	1	1	0	0	0	0
Dance	1,404	93	1,311	235	31	204	8	0	8
Design and applied art	12,190	4,989	7,201	1,015	422	593	3	3	0
Dramatic/theater arts and stagecraft	8,425	3,253	5,172	1,390	613	777	88	35	53
Film/video and photographic arts, total	5,325	3,071	2,254	865	477	388	18	11	7
Film-video making/cinematography and production	1,944	1,297	647	534	318	216	11	8	3
Photography	1,252	420	832	167	73	94	0	0	0
Film arts, other	2,129	1,354	775	164	86	78	7	3	4
Fine arts and art studies, total	25,060	8,737	16,323	3,408	1,248	2,160	207	54	153
Art, general	13,241	4,755	8,486	867	369	498	16	5	11
Art history, criticism and conservation	2,521	416	2,105	558	92	466	186	47	139
Arts management	294	74	220	177	27	150	0	0	0
Painting	679	307	372	197	104	93	0	0	0
Ceramic arts and ceramics	200	67	133	57	23	34	0	0	0
Fiber, textile and weaving arts	116	6	110	34	2	32	0	0	0
Metal and jewelry arts	86	19	67	33	13	20	0	0	0
Fine arts and art studies, other	7,923	3,093	4,830	1,485	618	867	5	2	3
Music, total	11,636	5,835	5,801	4,092	1,910	2,182	763	383	380
Music, general	5,959	2,834	3,125	1,399	653	746	349	177	172
Music history and literature	101	51	50	60	22	38	14	8	6
Music, general performance	3,531	1,709	1,822	1,890	850	1,040	243	119	124
Music theory and composition	404	306	98	185	126	59	75	46	29
Music, other	1,641	935	706	558	259	299	82	33	49
Visual and performing arts, other	727	344	383	488	188	300	26	4	22
Not classified by field of study	264	103	161	24	15	9	0	0	0

NOTE: Aggregations by field of study were derived from the Classification of Instructional Programs developed by the National Center for Education Statistics.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2002 survey. (This table was prepared August 2003.)